

TechEd Europe 2014 Session Schedule

24 Oct 2014

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
28 Oct 2014	08:30-10:30	Keynote	KEY01	TechEd Keynote	Join us for the TechEd opening Keynote with Microsoft's Jason Zander, Corporate Vice President, Microsoft Azure and Joe Belfiore, Corporate Vice President of PC, Tablet and Phone, Operating Systems Group.	Jason Zander; Joseph Belfiore	Hall 6
28 Oct 2014	11:00-12:00	Foundational	FDN01	Empowering Enterprise Mobility	The rapid growth in the use of mobile devices combined with ubiquitous access to cloud services is changing the way that people use their personal technology to get work done. The Consumerization of IT mega-trend brings with it a rich set of opportunities for organizations, as well as challenges to protect corporate information. In this session learn how the Microsoft approach to delivering enterprise mobility is helping customers enable users to work on devices of their choosing with consistent experiences, and providing IT a unified infrastructure for managing and delivering applications and other resources, all while helping organizations protect what is important to them. See how innovations in Microsoft Azure, Windows Server, System Center, and Intune are providing IT with the necessary capabilities to empower enterprise mobility.	Andrew Conway	Hall 8.1 Room G
28 Oct 2014	11:00-12:00	Foundational	FDN02	Modern Application Lifecycle Management and DevOps	Delivering high-quality, modern applications requires modern application lifecycle management tools and processes. In this demo-packed session, learn about updates to the Microsoft application lifecycle management offerings which will enable your software development teams to be more productive and to collaborate more effectively. Discover how your development team can collaborate more easily with operations teams and embrace a DevOps culture to enable continuous delivery. Take advantage of new monitoring and analytics capabilities to ensure that your applications are always available, performing, and succeeding.	Brian Keller	Hall 8.0 Room B2
28 Oct 2014	11:00-12:00	Foundational	FDN03	Optimizing Your Datacenter with Windows Server, System Center, and Microsoft Azure	With all of the talk in the industry about the cloud, it can be difficult to determine what is hype and what is real. It can be even harder to develop a roadmap for your datacenter that takes advantage of new cloud-based technologies while meeting your unique business requirements. With the right plan for your datacenter, you can reduce costs and complexity while delivering even more value and responsiveness to the business. With Microsoft, you can bring cloud technologies on-premises or take advantage of cloud services—or a hybrid strategy featuring both—depending on the needs of your business.  In this foundational session, learn about technologies that will help you cloud-optimize your datacenter. The topics for this session span Windows Server, System Center, and Microsoft Azure in datacenter and server-based scenarios. Technologies covered include virtualization, software-defined networking, software-defined storage, monitoring and management, and a few surprises as well. Come connect with Microsoft technologists and learn how you can bring cloud designs into your datacenter inspired by the Microsoft experience in building and managing global-scale online services!	Woolsey; Jeremy Williams	Hall 8.0 Room C1
28 Oct 2014	11:00-12:00	Foundational	FDN04	The Microsoft Data Platform Evolution	Data is the new currency and businesses are hungrier than ever to harness its power to transform and accelerate their business. SQL Server and the broader Microsoft data platform, with the help of our global community, are driving this data transformation in organizations of all sizes across the globe to capture this revenue opportunity.  In this session, hear about recent innovations which span the Microsoft data platform from on-premises SQL Server to Microsoft Azure. Learn first-hand how customers are accelerating their business through the many innovations included in SQL Server 2014 from ground breaking in-memory technologies to new highly efficient hybrid cloud scenarios. Additionally, we demonstrate how customers are revolutionizing their business with modern applications using Azure SQL Database, Azure DocumentDB and Azure Search, then blending Azure Machine Learning, Azure HDInsight, and Power BI services for breakthrough insights.	Eron Kelly	Hall 8.1 Room I
28 Oct 2014	11:00-12:00	Foundational	FDN05	The Microsoft Development Platform: Create Applications That Span Mobile and Cloud	There is no better time for being a developer than today. Companies today use software to differentiate from the competition, be more agile, and provide the best experience for customers. "Every company is a software company" and developers are in the center of the transformation. Come see what the global end-to-end picture of what the Microsoft platform has to offer for developers to modernize their applications and create compelling experiences across any device based on cross-platform mobile technologies and powered scalable and agile services in the cloud, with integration to LOB applications. We cover the key pieces such as Native Mobile Apps for iOS, Android and Windows with C# and Xamarin, Hybrid Mobile Apps with Apache Cordova, Microsoft Azure, Visual Studio and Microsoft .NET Framework, the new Connected Services to integrate with LOB services like Office 365 or Salesforce, in a fast-paced, demo-centric session that introduces you to the possibilities that the Microsoft development platform provides.	Jay Schmelzer	Hall 8.1 Room J
28 Oct 2014	11:00-12:00	Foundational	FDN06	Windows 10: What's in it for the Enterprise?	Windows 10 is not just more familiar from a user experience standpoint, we have built so much of what businesses need, right into the core of this product—including enterprise-grade security, identity, and information protection to reduce complexity and provide a better experience than existing solutions for the modern needs of business. We've simplified management and deployment to help lower costs, including in-place upgrades from Windows 7 or 8, and focused on making device wipe-and-reload scenarios obsolete. We're also providing businesses with more choice in how quickly they adopt the latest innovations, and are delivering continued improvements based on customer feedback. Come learn the latest information about Windows 10.	Dennis Flanagan	Hall 8.0 Room A2
28 Oct 2014	13:00-13:15	Digital Wall Presentation	DW04	Unified Communications & Collaboration: Consider HP as your Microsoft Lync Solutions Provider!	HP and Microsoft have combined our resources to create and deliver the most complete, end-to-end UC&C solution, optimized for Microsoft Lync. Hear how HP is executing on a strategy based around the most complete portfolio of products - combined with end-to-end converged infrastructure solutions, SDN enhanced quality of experience, and expert service available from any Microsoft partner today.	Simon Wilson	Digital Wall
28 Oct 2014	13:30-14:45	Breakout	CDP-B212	Microsoft Azure for Enterprises: What and Why	Microsoft Azure now provides the right services for enterprises. But what scenarios are most interesting to enterprise leaders, and why? Which of these do most enterprises want to start with, why do they want them, and what are the common objections? In this session, David Chappell walks through these basics, giving you a big-picture introduction to how enterprises are adopting Azure and how you can learn from what others are doing.	David Chappell	Hall 8.0 Room A2

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28 Oct 2014	13:30-14:45	Breakout	CDP-B225	Software Defined Compute in the Next Release of Windows Server Hyper-V	Join us for a bird's-eye view of software defined compute as we enter the next release of Windows Server. See how Microsoft envisions using Hyper-V as it relates to our overarching vision of software defined compute.	Ben Armstrong	Hall 8.0 Room E1
28 Oct 2014	13:30-14:45	Breakout	CDP-B318	Building Scalable and Reliable Backup Solutions in the Next Release of Windows Server Hyper-V	Do you manage Hyper-V backup applications? Do you build backup solutions for Hyper-V? If so, this session is a "must-attend" for you, because Hyper-V is completely reinventing backup and restore in the next release of Windows Server Hyper-V. This session discusses the technology and functionality Hyper-V provides for backup and restore in Windows Server 2012 R2 Hyper-V and the completely new innovations coming in the next release of datacenter technologies. If you manage Hyper-V backup applications knowing the new innovations being enabled for backup applications will enable you to make informed decisions on architectures, solutions, and partners.	Taylor Brown	Hall 8.1 Room L
28 Oct 2014	13:30-14:45	Breakout	CDP-B332	Azure Pack Roadmap and Ecosystem	The Azure Pack enables the Microsoft Cloud OS vision by providing a consistent datacenter platform and DevOps experience regardless of target cloud environments. This session focuses on the improvements that aligns with the next release of Windows Server and System Center.	Robert Reynolds	Hall 8.0 Room B1
28 Oct 2014	13:30-14:45	Breakout	CDP-B362	Architecting a Modern Datacenter: Windows Server 2012 R2 End-to-End Design	Windows Server 2012 R2 allows enterprises and service providers to build a true, end-to-end software defined datacenter using the powerful capabilities and technologies within the Microsoft stack. In this session, learn how to design an integrated system to deliver storage, networking, compute, application, and service using learning and optimizations from service provider and enterprise deployments.	Philip Moss	Hall 8.1 Room J
28 Oct 2014	13:30-14:45	Breakout	DBI-B202	Microsoft IoT Platform – Part 1: Architecture Overview	The Internet of Your Things is here. Architects, developers, analysts, and LOB IT pros want to understand the architecture required to realize the art of the possible with big data insight, and the value of unlocking data from the most basic of sensors, intelligent edge devices, and non-traditional assets. Microsoft Azure as a platform delivers the capabilities to enable your IoT solution from building blocks through to finished services.  In this demonstration rich session, learn about Microsoft's position on IoT, and the technology and services being delivered from Microsoft to help you develop, connect, manage, and unlock data insights. This session provides an architecture overview of Microsoft's IoT capabilities to help you understand the technology involved in building an IoT solution today. We build on this session in Part 2, where you learn about the deeper technical architecture, developer support, and more on Azure Intelligent Systems Service.	Uli Homann	Hall 8.0 Room F5
28 Oct 2014	13:30-14:45	Breakout	DBI-B210	Microsoft Azure SQL Database Overview	Come to this session to learn about the latest investments in the Azure relational database service, SQL Database. We demonstrate the value proposition of SQL Database with Basic, Standard, and Premium service tiers and walk through enhancements in performance, scale out, business continuity, security, and data developer and management experiences.	Bill Gibson	Hall 8.0 Room F1
28 Oct 2014	13:30-14:45	Breakout	DBI-B222	Power BI for Office 365 Overview	Power BI for Microsoft Office 365 delivers a compelling set of Self-Service BI tools and services for the discovery, analysis, and visualization of on-premises and cloud-based data. In this session we introduce Power BI, with a focus on self-service information management (SSIM) and data stewardship. You'll leave with a solid understanding of the capabilities of the Power BI platform, how it can empower business users and data experts within an organization, and how to get started right away.	Michael Tejedor	Hall 8.0 Room F4
28 Oct 2014	13:30-14:45	Breakout	DEV-B207	Office 365 Developer Kick Off	See the compelling business reasons to leverage these new approaches, and learn where to get started.	Chris Johnson; Jer	Hall 8.0 Room E7
28 Oct 2014	13:30-14:45	Breakout	DEV-B211	Architecting and Implementing Domain-Driven Design Patterns with Microsoft .NET	Domain-Driven Design (DDD) is an approach to software design and development that focuses on the analysis of the business domain and uses ad hoc tools such as the ubiquitous language to split the business domain into distinct subdomains, each of which becomes a bounded context and requires its own architectural approach. After a brief introduction on the foundation of the DDD approach (mostly ubiquitous language and bounded contexts), we focus on a reference .NET application and discuss its implementation of the Domain Model pattern (aggregates, POCO domain entities, value objects, domain services) while contrasting the use of anemic domain models. Next, we compare the Domain Model implementation to the CQRS pattern. In a CQRS architecture, the business logic of the application is expressed in terms of command and events and queries take place on a physically segregated stack. Along the way, we emphasize the role and structure of the persistence layer and touch on cross-cutting concerns (scalability, caching, security) and dependency injection to protect domain logic from infrastructure technologies. Overall, this session presents the state-of-the-art for enterprise application architecture and development in .NET. By attending this session, you'll get a global vision of the fundamental DDD patterns and see them implemented in reference application.	Dino Esposito	Hall 8.1 Room G
28 Oct 2014	13:30-14:45	Breakout	DEV-B216	Visual Studio Online: Overview and Best Practices	Visual Studio Online (www.visualstudio.com) brings together Visual Studio, Team Foundation Server, and Microsoft Azure into an easy-to-consume cloud-hosted solution for application lifecycle management. In this session, we guide you from the start how to quickly build up a solution for managing your TFVC or Git-based repository, inviting some friends to collaborate, planning and tracking our backlog, building our project in the cloud, and load testing our solution using the cloud-based load testing capabilities. Also, learn the similarities and differences between Visual Studio Online and the on-premises offering of Team Foundation Server, to help you decide when to use each.	Neno Loje	Hall 8.0 Room D4
28 Oct 2014	13:30-14:45	Breakout	DEV-B218	Introduction to API Management on Microsoft Azure	API Management solutions help organizations expose and publish their backend services as APIs for external and internal consumption. Join us to find out more about the new API Management capability in Azure based on the acquisition of Apiphany last year. In addition to taking a tour of the product and its capabilities, we discuss the business of APIs, why we think the API Management space is important, and how our solution can help you and your customers.	Anton Babadjanov	Hall 8.0 Room D3
28 Oct 2014	13:30-14:45	Breakout	DEV-B348	Visual Studio IDE Tips and Tricks	Come and join this fast-paced session as we take you through our top ten tips and tricks for using Visual Studio. In this session, we demo some of the hidden and little-known gems in the recent versions of Visual Studio and show you how to use them to be more productive while editing and building applications.	Tarek Madkour	Hall 8.1 Room I

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28 Oct 2014	13:30-14:45	Breakout	EM-B210	Hybrid Identity with Active Directory, Microsoft Identity Manager and Microsoft Azure Active Directory	Today, people want to work anywhere on any device. How do you enable this, yet retain control and meet compliance requirements in both on-premises and cloud environments? Join us to learn more on the Microsoft hybrid identity story that spans Active Directory, Identity Manager and Azure Active Directory.	n Bresson; Mike Res	Hall 8.0 Room B2
28 Oct 2014	13:30-14:45	Breakout	EM-B212	Introduction to Microsoft Azure RemoteApp	This session gives a brief overview of using Azure RemoteApp for Mobility and BYOD scenarios where IT can enable users to access corporate data and applications while ensuring compliance. With Azure RemoteApp, you can enable your users access corporate applications on a variety of devices, scale up or down without large capital expenditure while protecting your sensitive corporate resources.	Scott; Thomas Will	Hall 8.1 Room H
28 Oct 2014	13:30-14:45	Breakout	OFC-B230	Overview of Security and Compliance in Office 365	When you consider using cloud services for productivity, communication, and collaboration, trust in the cloud service provider is vital. To earn and maintain your trust in Microsoft Office 365, we keep your data secure and independently verify that we do meet high standards that relevant industry bodies require. In this session, we share our approach to Office 365 security, technologies, operational best practices and the controls you have to tune up or tune down security based on your organizational needs.	ek Sharma; Vijay Ku	Hall 8.1 Room K
28 Oct 2014	13:30-14:45	Breakout	OFC-B320	FastTrack for Office 365: Getting Started and Onboarding	FastTrack for Office 365 is a service benefit that provides enhanced onboarding assistance, delivered by Microsoft. FastTrack enables you to get started quickly with Microsoft Office 365 and easily move to widespread use. The Onboarding Center provides direct remote assistance by an Office 365 onboarding expert who will assist with various onboarding activities using a combination of tools, documentation, guidance, and carrying out configuration tasks where applicable. In this session learn about the approach, new automation investments for current state assessment, identity management, and domain configuration. Understand how to use the Onboarding Center to enable onboarding to Office 365 quickly and efficiently.	tair Speirs; Jeff Med	Hall 8.0 Room D1
28 Oct 2014	13:30-14:45	Breakout	OFC-B412	Microsoft Lync Deployment Options and the Multi-Forest Architecture	This session covers the configuration steps required for a multi-forest architecture in which Lync is delivered as part of a partner hosted private cloud deployment, Exchange Online is delivered by Microsoft as part of Office 365 and customers retain control of their Active Directory user forest. The multi-forest architecture enables the coordination of authentication and application interoperability between the customer's user forest, the hosting partner's service infrastructure and Office 365 and is ideal for those organizations that have made the strategic decision to move the complete range of communications services (Lync and Exchange) to the cloud.	mad Saleem; Barry C	Hall 8.0 Room F7
28 Oct 2014	13:30-14:45	Breakout	WIN-B335	Windows 10: User Experience (repeated on 29 Oct at 17:00)	Coming Soon!	Brad McCabe	Hall 8.0 Room E9
28 Oct 2014	13:30-14:45	Breakout	WIN-B351	Enterprise App Deployment for Windows and Windows Phone	Learn how companies can publish their line-of-business apps for deployment to Windows and Windows Phone, and then manage the lifecycles of those apps. The two platforms haven't yet converged on a single mechanism for doing this, and this session helps you navigate the differences. This session provides overviews of each platform as well as what's new for 8.1, including policy allowing only certain apps to run on Windows Phone, the ability to remotely install and uninstall apps from a Windows Phone, changes to line-of-business app deployment in Windows 8.1 Update, and more. Also, see how MDM vendors such as Windows Intune choose to abstract many of the differences and service both platforms in a unified way.	John Vintzel	Hall 8.0 Room B4
28 Oct 2014	13:30-14:45	Breakout	WIN-B374	TWC   Hacking Beyond Borders: Mobile Device (In)Security	With the bad guys now targeting phones, tablets, and other mobile devices, it's important to know how to protect against hackers, thieves, and misfits. Join Andy Malone and learn more known hacker techniques on mobile devices and preventive methods such as encryption, tracking and forensics; and who is responsible for security protecting data within your organization.	Andy Malone	Hall 8.0 Room C1
28 Oct 2014	13:30-14:45	Instructor-led Lab	CDP-IL308	System Center 2012 R2 Lab: Application Management	System Center 2012 R2 is designed to overcome the disconnect that often exists between the infrastructure specialists and the application developers. Learn how applications can be deployed and managed in the Microsoft private cloud and how they can even be extended to Microsoft Azure. In this lab, deploy VMs and Services through App Controller, then monitor SQL servers, create a distributed application, and configure Application Performance Monitoring (APM) with Operations Manager. Finally, explore proactive monitoring alerts from Advisor.	Symon Perriman	Hall 7 ILL Room 2
28 Oct 2014	13:30-14:45	Instructor-led Lab	DBI-IL202	Getting Started Using HBase in Microsoft Azure HDInsight	In this lab, we illustrate how real-time big data application can be built using HBase. You experience sentiment analysis as events happen on social media. We bring in social media data into an HBase cluster and analyze the information contained in them to create actionable insights into them. This lab helps you understand the HBase paradigm, how it differs from normal HDInsight clusters, and how it is used to benefit in typical scenarios.	Nishant Thacker	Hall 7 ILL Room 1
28 Oct 2014	13:30-14:45	Instructor-led Lab	EM-IL305	Implementing Endpoint Protection in Configuration Manager 2012 R2	System Center 2012 R2 Configuration Manager has just been released. With it is a new version of System Center 2012 R2 Endpoint Protection. The Endpoint Protection feature is very similar to that from System Center 2012 Configuration Manager SP1. However if you are new to Configuration Manager, you will want to take this lab to gain experience in implementing System Center 2012 R2 Configuration Manager with Endpoint Protection in an isolated environment.	Scott Brimley	Hall 7 ILL Room 3
28 Oct 2014	15:15-16:30	Breakout	CDP-B224	Next Generation Networking in the Next Release of Windows Server: SDN, NFV and Cloud Scale Fundamentals	Coming soon!	Rajagopalan; Rajeev	Hall 8.1 Room I
28 Oct 2014	15:15-16:30	Breakout	CDP-B226	Introduction to Microsoft Azure Infrastructure-as-a-Service	Come and get a tour of the leading features and capabilities of Microsoft Azure Virtual Machines and Virtual Networks, which collectively make up the Azure Infrastructure-as-a-Service (IaaS) offering. Through demos, gain an understanding of how things work, including the Virtual Machine storage architecture, provisioning and customization of Virtual Machines, and configuration of site-to-site Virtual Networks that enable true applications that span from on-premises to Azure.	y Sanders; George M	Hall 8.0 Room A2

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28 Oct 2014	15:15-16:30	Breakout	CDP-B232	Introducing the NEW Microsoft Cloud Platform System	Microsoft has vast experience in running global scale cloud solutions like Azure. With the introduction of a new product family "Microsoft Cloud Platform System" (CPS), we are bringing those learnings of the cloud design point, so you as customers can deploy and operate a cloud solution with Windows Server, System Center and Azure Pack. This solution provides Infrastructure-as-a-Service and Platform-as-a-Service Solutions for Enterprises and Service Providers. This solution also includes packaging and life cycle management for Microsoft First Party Workloads, so customers can deploy and operate these workloads optimally on CPS. This session provides an introduction to CPS design, its technical capabilities and demonstrates the power of the cloud for you.	rd, Michael Schulz; V	Hall 8.0 Room E1
28 Oct 2014	15:15-16:30	Breakout	CDP-B238	Azure Architectural Patterns: Revolutionizing Cloud Datacenter Infrastructure, Security, and Software Development	Microsoft Azure (and its "cousins" in the public cloud) change the way architecture investments and strategies work. This session walks you through the impact of Azure as the new "normal" from an infrastructure design, application, and operations architecture perspective. The session also shows how customers can take advantage of the ability in Azure to move workloads from on-premises or service provider environments to take advantage of its unique scalability and global reach—from virtual machines to web workloads. It also outlines new investments in the developer/operations continuum that shape the future of the application platform and resulting solution architectures.	Uli Homann	Hall 8.0 Room F1
28 Oct 2014	15:15-16:30	Breakout	CDP-B245	Automation Roadmap in the Next Release of System Center, Azure Pack, and Microsoft Azure	In this session, learn about the automation capabilities in System Center Orchestrator, the Azure Pack and Microsoft Azure. As we move into the modern datacenter with the Azure Pack and Microsoft Azure it will be important that customers' existing systems and processes can integrate into the Cloud OS stack to provide end-to-end automated delivery and management of these new services. We discuss the roadmap for a unified automation solution that works for the datacenter and cloud and can integrate across a heterogeneous environment including Windows, Linux, and third party management systems. Automation is a foundational pillar that delivers the creation, deployment, monitoring, and maintenance of services in your datacenter and in the cloud. Come see how you can bring all of your automation into one solution.	on O'Reilly; Eric Wi	Hall 8.1 Room L
28 Oct 2014	15:15-16:30	Breakout	DBI-B218	Introducing Microsoft Azure Machine Learning	Microsoft Azure Machine Learning (MAML) is a service on Windows Azure which a developer can use to build a predictive analytics model using machine learning over data and then deploy that model as a cloud service. ML Studio provides functionality to support the end-to-end workflow for constructing a predictive model, from ready access to common data sources, data exploration, feature selection and creation, building training and testing sets, machine learning over data, and final model evaluation and experimentation. In this presentation, we present an overview of the basic data science workflow, with details on select machine learning algorithms, then take you on a guided tour of ML Studio. During the presentation we will build a predictive analytics model using real-world data, evaluate several different machine learning algorithms and modeling strategies, then deploy the finished model as a machine learning web service on Azure within minutes. This end-to-end description and demonstration is intended to provide sufficient information for you to begin exploring ML Studio on your own after the session.	Raymond Laghaean	Hall 8.0 Room F4
28 Oct 2014	15:15-16:30	Breakout	DBI-B303	Microsoft IoT Platform – Part 2: Going Deep	Building on Part I, this demonstration rich session goes deeper into the technology architecture of Microsoft's Internet of Things solution, Microsoft Azure Intelligent Systems Service (ISS). This session covers sensor and intelligent edge device connectivity through ISS Agent libraries using the ISS SDK, sample scenarios and more for getting 'things' connected to ISS. In this session, learn about ISS architecture within Azure, including data and event processing, rules, alarm management and command and control capabilities. Finally, this session covers how to extract data from ISS using OData interfaces and tools like HDInsight, Azure Machine Learning and Power BI technologies. This is THE IoT session to attend at TechEd.	Steve Teixeira	Hall 8.0 Room F5
28 Oct 2014	15:15-16:30	Breakout	DBI-B327	Microsoft Power Query for Excel: Discover and Refine Your Data	Microsoft Power Query for Excel is a new set of experiences to empower business analysts and end users to discover, acquire, and transform data of any shape and size. Join the Power Query team in this session to take a deep dive into the current state of the product, and to get a sneak preview into the next set of experiences we are working on delivering in the future as enhancements to Power Query.	Miguel Llopis	Hall 8.0 Room D1
28 Oct 2014	15:15-16:30	Breakout	DEV-B215	Case Study of an Agile Transformation in a Large Organization	Microsoft's Developer Division, responsible for building massive software projects such as Visual Studio and Team Foundation Server, has been on a multi-year journey to transform itself from a waterfallian box product into an agile online service and regular client updates. In this session, we review the process and practices used by this division to deliver faster, react to feedback, plan and learn, stay connected to customers, continually improve quality, and measure success. We discuss the organizational issues experienced during the transformation and give examples of key practices and metrics used to improve the organization sprint over sprint. Hear about lessons learned in moving from a traditional software delivery team to a modern DevOps team.	Justin Marks	Hall 8.0 Room D4
28 Oct 2014	15:15-16:30	Breakout	DEV-B221	Programming Windows Presentation Foundation with Model View View Model	Windows Presentation Foundation (WPF) overwhelmed us with the most powerful data binding ever released in a development platform. Now we know that rumors of its demise had been greatly exaggerated. There is so much to learn with WPF in order to use it correctly, but it really isn't that complicated. To use it to its full potential, you really do need to introduce the Model-View-View Model (MVVM) pattern. The ideas and goal around this pattern seem to vary from person to person, but the one thing that they all share is that it provides a reusable and testable point of binding for XAML pages. In this session, learn what MVVM is, how to use it, and what to put in it, in order to get maximum potential out of XAML binding. Notice we said "XAML" binding. That's because this pattern completely applies to Windows 8 Store apps as well.	Miguel Castro	Hall 8.0 Room F7
28 Oct 2014	15:15-16:30	Breakout	DEV-B323	Building Web Apps Using ASP.NET and Visual Studio 2013	Learn about the latest features in Visual Studio 2013, including dozens of tips and tricks for building web applications using ASP.NET and Visual Studio 2013. Learn about the new HTML5 editor, new powerful CSS3 features, great new innovations in publishing and Microsoft Azure integration, and much more. We also push the new Browser Link technology to its limits and beyond, explore what mobile and multi-browser development looks like with Visual Studio 2013, as well as look at new ways to run Web API or SignalR that use significantly less memory.	Scott Hunter	Hall 8.0 Room B1

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28 Oct 2014	15:15-16:30	Breakout	DEV-B330	Developing Enterprise Web Applications on Microsoft Azure Websites	This session walks through developing and running an enterprise web application on Azure Websites that integrates with Azure Active Directory, Microsoft Office 365 and other third-party services. Learn how to perform staged deployments using deployment slots, make features incrementally light-up with test-in-production (TiP), monitor site performance and health in real-time with customizable alerting and automatic scaling features, increase site performance with CDN integration, maintain site availability with AlwaysOn and auto-heal options, connect to third-party and on-premises corporate resources using either virtual private networking (VPN) or BizTalk Hybrid Connections, run website related business logic in the background with periodic WebJobs, and geo-scale your website using Azure Traffic Manager.	Stefan Schackow	Hall 8.0 Room D3
28 Oct 2014	15:15-16:30	Breakout	DEV-B371	TWC   Why a Hacker Can Own Your Web Servers in a Day!	Everything in the OWASP TOP 10 is covered in this session, including: Injections, Broken Authentication and Session Management, Cross-Site Scripting (XSS), Insecure Direct Object References, Security Misconfiguration, Sensitive Data Exposure, Missing Function Level Access Control, Cross-Site Request Forgery (CSRF), Using Components with Known Vulnerabilities, Unvalidated Redirects and Forwards.	Alshakarti; Marcus	Hall 8.0 Room C1
28 Oct 2014	15:15-16:30	Breakout	EM-B214	Privileged Access Management for Active Directory	In this session we cover our strategy across Windows Server, Windows PowerShell, Active Directory, Microsoft Identity Manager, and Microsoft Azure Active Directory for addressing the risks of administrator access, through stronger authentication and managing just-in-time and just-enough administrator access.	Mark Wahl	Hall 8.1 Room J
28 Oct 2014	15:15-16:30	Breakout	EM-B216	Enterprise Client Management with System Center Configuration Manager and Intune	This session outlines the current and future plans for Intune and System Center Configuration Manager. We also provide a sneak peek into the newest enhancements for managing Windows, Windows Phone, iOS, and Android systems.	Big Morris; Mark Flor	Hall 8.1 Room G
28 Oct 2014	15:15-16:30	Breakout	OFC-B213	Efficient Planning, Reporting and Decision Making with Microsoft Project Pro for Office 365	Discover how Project Professional and SharePoint apps can help you manage projects, resources, and schedules, and collaborate seamlessly using agile methods. This is a demo-heavy session.	Andra Ciortea; Rapha	Hall 8.0 Room E7
28 Oct 2014	15:15-16:30	Breakout	OFC-B214	Office Sway: Reimagine How Your Ideas Come to Life	Meet Sway, a brand new authoring app from Office that joins Word, Excel, PowerPoint, and OneNote. Sway helps you easily create and share an interactive web-based canvas of your ideas, which looks great on any platform or device. Pull together your content from OneDrive, your devices, social networks, and the web with ease, and Sway's intelligent design engine will incorporate your material into a cohesive look and feel based on your guidance. This session will introduce Sway, cover its vision, and outline how you can join Sway Preview.	David Alexander	Hall 8.0 Room B4
28 Oct 2014	15:15-16:30	Breakout	OFC-B222	Microsoft OneDrive for Business: What's New Overview	All your work files are accessible from anywhere. Come to this session and learn about OneDrive for Business and everything it has to offer for your organization, from simple sharing and team collaboration to the industrial strength management and control that you have come to expect from Microsoft.	Oscar Maqueda	Hall 8.1 Room H
28 Oct 2014	15:15-16:30	Breakout	OFC-B233	What's New in Microsoft Exchange Online	In this session we provide a view of the new Exchange futures resources, including early demos of a few of these new capabilities. We cover Groups, Document Collaboration, Clutter, Compliance Center, and much more!	Sundelin; Shobhit S	Hall 8.1 Room K
28 Oct 2014	15:15-16:30	Breakout	WIN-B324	Real-World Windows Deployment: Notes from the Field	The uber-demo spaceship has landed... Join us in an hour (plus) live demo on how to build a Windows deployment solution, based on MDT 2013. Learn about the new features in Microsoft Deployment Toolkit 2013. Learn about deploying to EUFI enabled hardware. Work with drivers, updates, applications, configuring BitLocker—all for the enterprise network. This is notes from the field, lessons learned from real-world Windows 7 and Windows 8.1 deployment projects.	Arwidmark; Mikael N	Hall 8.0 Room B2
28 Oct 2014	15:15-16:30	Breakout	WIN-B336	Windows 10: Disrupting the Revolution of Cyber-Threats with Revolutionary Security! (repeated on 30 Oct at 08:30)	Disrupting the revolution of cyber-threats requires a platform with revolutionary security capabilities and Threshold is rising to the occasion. In this session we talk about technologies that can truly end the use of passwords and make multi-factor authentication the default, provide an easy-to-use and deploy data loss prevention (DLP) capability right in the platform, and technology that enables organizations to virtually eliminate malware threats to the Windows platform including those that come by way of the browser.	Chris Hallum	Hall 8.0 Room E9
28 Oct 2014	15:15-16:30	Instructor-led Lab	CDP-IL206	Speed Lab! System Center 2012 R2: Introduction to Infrastructure Provisioning and Monitoring	System Center 2012 R2 is the industry's leading datacenter management system, providing a variety of infrastructure, automation, self-service, IT service management, VM and application management capabilities. Learn the basics of every System Center 2012 R2 infrastructure component, including Virtual Machine Manager, Operations Manager, Advisor, App Controller, and Data Protection Manager.	Symon Perriman	Hall 7 ILL Room 2
28 Oct 2014	15:15-16:30	Instructor-led Lab	DBI-IL323	Microsoft Azure SQL Database for Business Critical Applications	Explore the new service tiers, business continuity solutions, predictable performance, and the new security features. In this lab we walk through creating a database using the new service tiers, do a point-in-time restore, and set up geo replication. We then look at setting up a new auditing feature, and analyze the logs. We take a look at the elastic scale using the new performance levels.	Karthika Raman	Hall 7 ILL Room 1
28 Oct 2014	15:15-16:30	Instructor-led Lab	EM-IL200	Introduction to Cloud-Based Mobile Device Management with Intune	In this lab, explore how Intune gives you mobile device management with a simple subscription, no assembly required. Create a trial Intune account, enroll a device, and perform basic device management. If you bring your own mobile device, you can even enroll it in your trial account at the end of the lab.	eike Ritter; Simon M	Hall 7 ILL Room 3
28 Oct 2014	17:00-18:15	Breakout	CDP-B215	Build, Deploy, Manage, and Monitor Your Cloud Applications Using the New Microsoft Azure Portal	We are excited to share the new, Microsoft Azure Portal Preview – reimaged, redesigned, and remade for you. Join us for this journey into the future of Ops in a DevOps world, integrating Microsoft Visual Studio Online and Azure into a single, seamless experience that allows you to get real work done, fast. We look at how to connect your source code to Azure for continuous deployment, managing builds, tests and work items, as well as managing your Azure apps built using Azure Web Sites or VMs, using Storage or SQL, etc., and monitoring the health of your deployed application with rich insights, all inside the new Azure Portal Preview. Join us to hear about the future of this new platform.	rika Shankar; Leon V	Hall 8.0 Room E1

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
28 Oct 2014	17:00-18:15	Breakout	CDP-B222	Software Defined Storage in the Next Release of Windows Server	The storage industry is going through strategic tectonic shifts. In this session, we walk through and recap Microsoft's Software Defined Storage journey – how we got started, what our customers are telling us, where we are now, and how cloud cost and scale inflection points are shaping the journey. We explore how Microsoft is channeling learnings, from hosting some of the largest data centers in the planet, towards private cloud storage solutions for service providers and enterprises. We cover some Windows Server storage scenarios around low-cost storage on standard hardware, disaster recovery, QoS, management, cloud scale resiliency, and availability enhancements.	Patrick Lang; Siddh	Hall 8.0 Room B4
28 Oct 2014	17:00-18:15	Breakout	CDP-B223	Virtual Network Functions in the Next Release of Windows Server	Networks in modern datacenters are populated with a large and increasing variety of proprietary hardware appliances. Hardware cycles inhibit the rolling out of new revenue generating services, and constrain innovation in an increasingly network-centric and connected world. Network Functions Virtualization (NFV) looks to leverage virtualization technologies and move this hardware-centric network equipment onto Virtual Machines on top of commercial-off-the-shelf (COTS) hardware. Each of these network elements are called Virtual Network Functions (VNFs). This session provides an introduction to Microsoft efforts in NFV including the set of VNFs that will be delivered along in the next release of Windows Server.	Abhishek Tiwari	Hall 8.1 Room H
28 Oct 2014	17:00-18:15	Breakout	CDP-B240	Architecting Predictive Algorithms for Machine Learning	Machine learning is one of the newest tools in a Data Scientist's arsenal. In this session, you will learn key architectural principles and frameworks for creating practical approaches to solving the prediction problem. Interactive demonstration of various popular machine learning algorithms based on these principles and frameworks will be included.	Seth Juarez	Hall 8.0 Room D4
28 Oct 2014	17:00-18:15	Breakout	CDP-B242	TWC   Top 10 Mistakes in Microsoft Public Key Infrastructure Deployments	How well designed and implemented is your Public Key Infrastructure? Enterprises around the world use Microsoft Windows based Public Key Infrastructure for digital certificates. However, most environments make the same mistakes. Learn what the most common mistakes are and how you can mitigate them. This session is based on new/exclusive content created for this conference. Borrowing from over 10 years of designing, assessing, and remediating Public Key Infrastructures around the world, a common theme emerges. As the creator of the Microsoft PKI Health Check, it was the presenters job to access and analyze PKI environments around the world. This content is based on the most common mistakes seen in customer after customer. The common threads are amazingly clear and often easy to remediate. This session focuses on providing real-world examples, identifying the risks, and tools and processes to correct these errors. Without these fixes, you could face service disruptions, security compromises, and integrity issues in your authentication systems.	Mark Cooper	Hall 8.0 Room C1
28 Oct 2014	17:00-18:15	Breakout	CDP-B415	JEA: A PowerShell Toolkit to Secure a Post-Snowden World	When asked what to do about corporate hacking, Ex NSA Director Michael Hayden replied, "Man up and defend yourselves." Within a few years, Edward Snowden rocked the world by disclosing information he had gathered using his NSA administrative privileges. JitJea stands for "Just In Time, Just Enough Admin." It is a Windows PowerShell toolkit that you can use to "man up and defend yourselves" by allowing admins to perform functions without giving them admin privileges.  The presentation begins with an entry-level introduction to the problem and the solution. Then the session moves to an advanced examination of how the solution actually works.	Jeffrey Snover	Hall 8.1 Room J
28 Oct 2014	17:00-18:15	Breakout	DBI-B220	Introduction to SQL Server Management for the Non-DBA	If you are a developer or a systems admin who has just been handed a Microsoft SQL Server database, and you've got no idea what to do with it—this session has some answers for you. We cover a variety of topics including backup and restore, recovery models, database maintenance, compression, data corruption, database compatibility levels, and indexing. While this session won't teach you everything you need to know, it will give you some insights into the SQL Server database engine and give you the ability to better know what to look for.  During this session, you will learn what is needed to get that new SQL Server that you've just been told that you need to manage running and safe. After this session you will be armed with the basic information needed to know how to properly backup the database so that you can recover it after a failure. You will learn how to properly maintain the database so that it runs at peak performance, while using the least possible space. You will also learn how to look for, and correct database corruption problems."	Denny Cherry	Hall 8.1 Room L
28 Oct 2014	17:00-18:15	Breakout	DBI-B314	Big App Workloads on Microsoft Azure: Oracle and SAP	Azure has been the choice of platform for many enterprises running their business applications. In this session, we discuss considerations for using Microsoft Azure Infrastructure Services for Oracle and SAP workloads. We cover common scenarios and patterns, as well as some customer case studies.	Benz; Madhan Arum	Hall 8.0 Room E7
28 Oct 2014	17:00-18:15	Breakout	DBI-B332	Microsoft SQL Server 2014: In-Memory Overview	In-Memory features are the flagship features of SQL Server 2014. In this session, we go over three areas of functionality which leverage in-memory database technology: In-Memory OLTP, In-Memory Data Warehousing, and Buffer Pool Extension. For each area, we discuss the motivations, the technology behind the scenes, and the real-world customer benefit delivered.	Kevin Farlee	Hall 8.0 Room F5
28 Oct 2014	17:00-18:15	Breakout	DEV-B346	Understand Code with Code Maps	Code and debugger maps help you understand and navigate through code when troubleshooting and designing new functionality. Come and learn how code maps help you: understand the flow of code when debugging or examining execution traces recorded in production, e.g. using Application Insights. Get insights into the structure of code, in particular the relationships and dependencies between different code elements, whether that code is in a Visual Studio solution or an arbitrary set of binaries. Then, see how you can use the resultant maps to navigate the code as well as share understanding with colleagues.	Stuart Kent	Hall 8.0 Room E9
28 Oct 2014	17:00-18:15	Breakout	DEV-B410	ASP.NET Web API: Beyond the Basics	Like with any framework, there are those who know how to use ASP.NET Web API, and there are those who KNOW how to use ASP.NET Web API. Want to be the second type of person? In this session we skip the basic introduction to ASP.NET Web API and move on to the stuff you should know about ASP.NET Web API: pipeline architecture, extensibility, asynchronous actions, security, and implementing HTTP concepts such as streaming and caching.	Ido Flatow	Hall 8.1 Room G

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
28 Oct 2014	17:00-18:15	Breakout	EM-B309	Empowering Your Users and Protecting Your Corporate Data	The average user these days is often equally as IT savvy as a lot of the professionals that deliver IT. They expect technology to be seamless and to allow them to work anywhere, anytime. This includes utilizing both business owned assets and their own devices that they bring from home to retrieve, modify, and send corporate data. The challenge for IT organizations is to balance the competing demands for access against the requirements to secure data. In this session we discuss how other IT departments are helping to make their users more productive while protecting their organizations corporate assets. We look at how Microsoft is addressing the Bring Your Own Device challenge and how you might leverage a combination of solutions to both enable and protect your modern workforce.	Gordon McKenna	Hall 8.0 Room A2
28 Oct 2014	17:00-18:15	Breakout	EM-B326	What's New and Upcoming with OS Deployment in System Center Configuration Manager and the Microsoft Deployment Toolkit	This session covers future improvements for deployment and upgrade in the next versions of System Center Configuration Manager, Microsoft Deployment Toolkit, and Windows. Learn how Microsoft is gearing up to make the deployment and upgrade of the next version of Windows on Configuration Manager the easiest yet.	Jon Githens; Kristina	Hall 8.0 Room B2
28 Oct 2014	17:00-18:15	Breakout	OFC-B212	Collaborating in the Cloud and Across Devices with Office 365	Today, Microsoft Office is available on Windows desktop client, Mac, iPad, all phones (iPhone, Windows Phone and Android) and in the browser. Microsoft is committed to establishing the Office footprint across devices and platforms. Not only does Office provide a superior experience on all end points, it also enables collaboration through real-time and same-time co-authoring regardless of which device you are using, the latest and greatest feature updates through the Office 365 service, and true mobile productivity. In this session, we showcase the power of the mobile-first, cloud-first world for the modern workplace with Office.	Kaberi Chowdhury	Hall 8.0 Room F7
28 Oct 2014	17:00-18:15	Breakout	OFC-B223	The Microsoft Roadmap for Enterprise Social	Enterprise Social is enabling organizations across the world to transform their businesses, to harnesses the power of their most valuable asset, their people, by connecting employees, customers, and partners. In this session, learn about the value of Enterprise Social and the need to Work like a Network; the Microsoft Enterprise Social product roadmap across Office 365, Yammer and SharePoint; and the journey to successfully adopt enterprise social at your organization.	Andaker; Christophe	Hall 8.0 Room D3
28 Oct 2014	17:00-18:15	Breakout	OFC-B311	Certificates in Microsoft Lync Server	Security plays an important in Lync, and the basis for that is provided by certificates. By looking at how Lync uses certificates, we walk through the factors that are important to look out for when dealing with certificates. We also look at troubleshooting certificate related issues, and discuss real-world scenarios to illustrate the troubleshoot process.	Steven van Houttum	Hall 8.0 Room D1
28 Oct 2014	17:00-18:15	Breakout	OFC-B322	Identity Management Is Easy in Office 365	User management and identity integration is easy in Microsoft Office 365. In this session, we explain identity management concepts and describe the three identity models that you can use. The three models include cloud identity, synchronized identity, and federated identity. For cloud and synchronized identity, we share all you need to know to set these up, and demo how to configure them. For federated identity, we give you some high-level advice on how to scope the project, and point you in the right direction. We describe how you can switch between identity models and also give clear guidance about how to choose the right identity model for a given scenario or customer.	Paul Andrew	Hall 8.0 Room F4
28 Oct 2014	17:00-18:15	Breakout	WIN-B319	Building a Bulletproof Windows BitLocker	Do you still need to convince yourself, your colleagues or your boss that BitLocker is safe for enterprise use? Are you worried about DMA or Princeton attacks? Would you like to have one less password for your users to remember and still have an encrypted OS? Join this session to hear how a highly secure, easy to use, and cost effective BitLocker implementation is designed and built.	Sami Laiho	Hall 8.0 Room F1
28 Oct 2014	17:00-18:15	Breakout	WIN-B322	The Circle of Life for an App-V 5.0 Package: From Sequence to Termination	In this session, take a journey through the lifecycle of a Microsoft Application Virtualization (App-V) 5.0 package. From the birth of a sequenced package through deployment, streaming, configuration, updates, connection groups, user customization and eventual termination. This session is based solely on stand-alone mode, demo-driven, behind-the-scenes views of how each part of the application lifecycle is handled by the App-V Client. No ties to Configuration Manager or Full Infrastructure, just an under the hood insight into how App-V applications are handled regardless of delivery mechanisms.	Thamim Karim	Hall 8.1 Room K
28 Oct 2014	17:00-18:15	Breakout	WIN-B338	Windows 10: Deployment (repeated on 31 Oct at 10:15)	With the upcoming release of Windows 10, there will new and updated ways to deploy Windows. In this session, we'll review new recommendations for upgrading existing devices using a simple in-place upgrade process, provisioning tools for transforming new devices into ones ready for enterprise use, as well as updates to traditional deployment tools and techniques (ADK and beyond). We'll also talk about application compatibility, hardware requirements, and other common deployment questions.	Mike Niehaus	Hall 8.1 Room I
28 Oct 2014	17:00-18:15	Breakout	WIN-B411	Windows 8.1 Security Internals	Windows continues to innovate on its implementation of core operating system security. To achieve the conflicting goals of security and compatibility, it can be complex. How do you understand how it works? Join "The App Compat Guy" for a deep dive into the operating system internals where security decisions begin. This is an operating system internals session, and not a packaged software session.	Chris Jackson	Hall 8.0 Room B1
28 Oct 2014	17:00-18:15	Instructor-led Lab	CDP-IL300	Constructing Your Private Cloud with Windows Server and System Center, Part 1	Ever wanted to learn how to build a fully virtualized private cloud from the ground up? Do you understand how to define your hosts, clusters, networking, and storage? What about Virtual Machine Manager Networking and Storage Classification requirements? Once you have your virtualized infrastructure completed, how do you then deliver a fully managed private cloud and the services to make it automated? This two-part lab series takes you through the steps of building up your first Hyper-V environment to a fully deployed private cloud, including a deep dive in both VMM and Service Templates. Part 1 takes you through setting up your virtualized infrastructure - compute, networking and storage to ready you for your private cloud.	Andrew Zeller	Hall 7 ILL Room 2
28 Oct 2014	17:00-18:15	Instructor-led Lab	DBI-IL319	Exploring Power Query in Excel 2013	In this lab, query and transform web data by using Power Query, and then add the query to an existing Power Pivot data model. Once added, the query result—in the form of data model table—is used to extend the data model with new calculated fields to enable sales per capita analysis. (This is Lab 02 in a series of labs which explore self-service BI with Excel 2013 and Office 365 Power BI. If you plan to complete all of the labs, we recommend that you complete them in the order in which they were designed, although the labs can be completed in any order you choose.)	Peter Myers	Hall 7 ILL Room 3

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
28 Oct 2014	17:00-18:15	Instructor-led Lab	OFC-IL300	Configuring High Availability and Disaster Recovery in Microsoft Lync Server 2013	During this lab, get hands-on experience in how to configure high availability and disaster recovery with Lync Server 2013.	es Parkes; Matt Albe	Hall 7 ILL Room 1
29 Oct 2014	08:30-09:45	Breakout	CDP-B227	Introduction to Microsoft Azure Networking Technologies and What's New	This session provides an overview of networking technologies in Microsoft Azure with a special focus on newer networking features that have been added to the platform. Topics covered include Azure Virtual Networks, high-speed dedicated connectivity, connectivity solutions for developers, and test-dev scenarios, among others. Given that we have many new features lined up for this timeframe, this session talks about all new features in networking and, of course, what's next.	; Yousef Khalidi; Yu	Hall 8.0 Room B2
29 Oct 2014	08:30-09:45	Breakout	CDP-B228	Managing Linux Based Workloads in the Next Release of Windows Server, System Center, Azure Pack, and Microsoft Azure	Are you a Windows Server administrator now tasked with managing Linux servers as well? Are you interested in consolidating your hypervisors and management tools for both Windows and Linux workloads? Get an overview of Microsoft solutions for Linux in the private and hybrid cloud. Learn about Linux running on Hyper-V and the Linux management capabilities in the Azure Pack, Configuration Manager, Virtual Machine Manager (VMM), and Operations Manager. The session is demo rich, showing a broad set of features for integrated management of Windows and Linux computers from the perspective of the Windows administrator.	Michael Kelley	Hall 8.1 Room H
29 Oct 2014	08:30-09:45	Breakout	CDP-B237	Architecting Effective Cloud Adoption Strategies	In this session we examine a number of best practices, patterns, and profiles for cloud adoption.	Eduardo Kassner	Hall 8.0 Room B1
29 Oct 2014	08:30-09:45	Breakout	CDP-B246	Sneak Peek into the Next Release of Windows Server Hyper-V	The technical preview for the next release of Windows Server has been released, but what can you do with it? Why do you care? Come to this session to get the nitty gritty details of all the new stuff that is in Hyper-V; learn about how you can play with it "hands on" today; and gain insight into where we are heading.	Ben Armstrong	Hall 8.0 Room B4
29 Oct 2014	08:30-09:45	Breakout	CDP-B323	Delivering Predictable Storage Performance with Storage Quality of Service in the Next Release of Windows Server	Storage Quality of Service (QoS) was introduced in Hyper-V in Windows Server 2012 R2, and delivered storage performance limits and reservations to virtual machines. In this session we introduce the latest features and provide best practices to deliver predictable policy-based performance to all Virtual Machines in your private cloud.	Patrick Lang	Hall 8.0 Room E9
29 Oct 2014	08:30-09:45	Breakout	CDP-B350	StorSimple 8000 Series: Enabling Enterprise Workloads for Microsoft Azure	This session introduces the 8000 Series hybrid storage arrays for StorSimple including enhanced data management, consolidated management in Microsoft Azure Portal with the StorSimple Manager, and integrated data protection and disaster recovery.	iver Sholz; Thomas K	Hall 8.1 Room K
29 Oct 2014	08:30-09:45	Breakout	CDP-B371	TWC   Hacker's Perspective on Your Windows Infrastructure: Mandatory Check List	If there is a weakness in your IT security system, wouldn't it be better to find it before someone else does? The worst thing is that even a small scale security breach could leave your business in poor condition and in the end information security is not an IT department's problem, it is a business issue! As long as we are aware of the value of the resources to be protected, why don't we put ourselves into the hacker's role and perform all the activities they would do as well? Of course, it requires some very specific knowledge that may be hard to learn when our work focuses more on creating than destroying, but the results will give us a perspective on what other people with bad intentions can see. Sometimes it is really surprising how often you can use the same paths to enter the system! During this intensive session, become familiar with the mandatory tasks that are performed by hackers or penetration testers in order to check for misconfigurations and vulnerabilities. Come and join Paula in the journey to the darker side of IT security and use this knowledge for making good decisions in your system. Do not forget to keep the mandatory security check list in your pocket!	Paula Januszkiewicz	Hall 8.0 Room C1
29 Oct 2014	08:30-09:45	Breakout	DBI-B330	Microsoft SQL Server 2014 AlwaysOn (High Availability and Disaster Recovery)	Learn about the AlwaysOn improvements in SQL Server 2014, their customer value, and see some demos.	s Carlos Vargas Herr	Hall 8.0 Room F1
29 Oct 2014	08:30-09:45	Breakout	DBI-B412	Querying in DAX	DAX is not only an expression language, but also a query language and, when it comes to performance, the xVelocity in-memory engine is second to none. Scanning fact tables and performing leaf-level computation happens in a matter of milliseconds. Nevertheless, as with any other language, you can write good DAX or bad DAX, depending on your understanding of the engine internals. This session introduces DAX as a query language, showing the different ways of querying with DAX using real-world data. Some queries will be fast, others will need optimizations. Many practical examples based on common patterns and an analysis of the query plans will show how to get the best out of DAX.	Alberto Ferrari	Hall 8.0 Room F4
29 Oct 2014	08:30-09:45	Breakout	DEV-B206	Application Insights Overview: How to Keep Your Applications Available, Performing, and Succeeding	Application Insights is a new service in limited preview that helps DevOps teams ensure their ASP.NET, Windows Phone, and Store applications are highly available, performing as customers expect and provide visibility into customer usage patterns to understand if your applications are succeeding. Application Insights is a part of the application lifecycle and provides insights and alerts through email to reduce time to detect issues, metrics, and events to reduce time to solve problems and dashboards to easily understand overall trends and changes across application versions. Come and learn about this new service and see how easy it is to get started directly from Visual Studio or on a server. Once you solve an application problem with Application Insights, you'll be hooked!	Peter Provost	Hall 8.0 Room E1
29 Oct 2014	08:30-09:45	Breakout	DEV-B208	Getting Started with Office 365 Development	This session introduces you to the Microsoft Office 365 Development platform. It introduces the main two approaches to developing using the App Model to make your customizations appear in the products and the Office 365 APIs to consume them from within your own applications. Understand the strategy and direction of the Office 365 development platform. Learn the key ways to develop on top of the Office 365 platform. See some key scenarios that highlight the benefit of building business solutions on top of the Office 365 platform.	Pae; Dragan Panjkov	Hall 8.0 Room F5
29 Oct 2014	08:30-09:45	Breakout	DEV-B223	The Next Generation of Microsoft .NET	Come see an end-to-end view of the .NET platform in the new world of devices powered by cloud services. In this session, see the present and the future of .NET in key areas such as the runtime, compiler, and language foundation as well as the latest innovations for creating native applications in Windows, Microsoft Azure Services, and cross-device experiences.	Jay Schmelzer	Hall 8.0 Room A2

TechEd Europe 2014 Session Schedule

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29 Oct 2014	08:30-09:45	Breakout	DEV-B336	Getting Started with Microsoft Azure for ASP.NET Developers	In this session, we build an ASP.NET MVC website from scratch using Visual Studio 2013 and show how you can use Microsoft Azure to build a better, more reliable, application. Learn about the different ways you can host your web app, including Azure Web Sites, Virtual Machines, and Cloud Services. Learn how to manage, monitor, debug, deploy, and scale out your application. We also discuss how you can use Azure for development and testing even if your application is hosted on premises.	Daniel Fernandez	Hall 8.0 Room D4
29 Oct 2014	08:30-09:45	Breakout	DEV-B342	Scheduling Jobs in the Cloud: Exploring Microsoft Azure Scheduler and Azure WebJobs	Azure Scheduler? Azure WebJobs? Mobile Services Jobs? There are several ways in which developers can schedule jobs on Azure. In this demo-heavy session, we explore and demo the different alternatives and explain when to use them. You'll walk out with a better understanding of the technologies involved and how to start using them in your cloud applications.	va Grebnov; Kevin La	Hall 8.0 Room E7
29 Oct 2014	08:30-09:45	Breakout	EM-B316	Directory Integration: Creating One Directory with Active Directory and Azure Active Directory	In this session, we cover Directory Integration between Active Directory and Azure Active Directory, including our investments and new functionality in Azure AD Sync, Azure AD Connect and how we are making it simple and easy for customers to onboard to Azure Active Directory and maintain One Directory across on-premises and in the cloud. We walk you through 'Express Settings for single forest', SSO and multi-forest scenarios.	Jellman; Samuel Dev	Hall 8.1 Room G
29 Oct 2014	08:30-09:45	Breakout	EM-B321	Infrastructure Deployment for Mobile Device Management with System Center Configuration Manager and Intune	This session dives into what you'll do at the server level to drive System Center Configuration Manager and Intune integration for mobile device management. The session includes subscription, connectors, certificates, Active Directory Federation Services (AD FS), DirSync, among other server configurations that enable Mobile Device Management.	n Keller; Pieter Wigl	Hall 8.1 Room J
29 Oct 2014	08:30-09:45	Breakout	OFC-B211	Beyond Deployment: How IT Can Inspire, Motivate, and Drive Sustainable Adoption	Today, IT departments have an unprecedented opportunity to transform their business by providing solutions that help people get things done more efficiently, from anywhere and with anyone. As IT, how do you proceed to define these scenarios and ensure people can take full advantage of them? In this session, we discuss the common use cases and best practices coming from successful customers, experienced partners, and focus groups that led to sustainable user adoption. Specifically, we discuss: 1. The top use cases that need to be solved and the capabilities in Office 365 to address these specific challenges; 2. Best practices for achieving successful adoption; and 3. The role enterprise social can play in successful adoption. Drive adoption within your own organization the way you desire—not by chance.	Cyrielle Simeone	Hall 8.0 Room F7
29 Oct 2014	08:30-09:45	Breakout	OFC-B219	Introducing Delve and the Office Graph	Come see how we reimagined search and discovery across Microsoft Office with Delve (previously Codename "Oslo"), powered by the Office Graph. Delve enables you to work like a network, by proactively surfacing the best and relevant information across Office 365, tailored just for you. Learn how Office Graph transforms Office 365 with suite-wide insights and machine learning.	rik Holm; Helge Soll	Hall 8.0 Room D1
29 Oct 2014	08:30-09:45	Breakout	OFC-B221	Microsoft Excel Enhanced: Self-Service Business Intelligence for Everyone	As the amount of social, business, and private data grows in each of our lives, it is important to be able to find the data that matters and make meaningful decisions. In this session, learn about the latest features in Excel that allow users to quickly search for public and corporate data, create dynamic visualizations and derive useful insights—and you don't need a business intelligence specialist to do it! By the end of this session, you will have a clear idea of how to use self-service BI features in Excel, like Power Query, Power Pivot, Power View and Power Map, to uncover new insights from several types of data you may come across at home or at work.	Ari Schorr	Hall 8.0 Room D3
29 Oct 2014	08:30-09:45	Breakout	WIN-B333	Windows 10: Internet of Things	The Internet of Things is here now and business leaders are looking to connect their things and harness their data to unlock new opportunities and create business value. Today, Microsoft delivers a comprehensive portfolio of device platforms, software, and services to help you realize the power of the Internet of Things and we are continuing to deliver innovation to make the Internet of Things a reality for your business. In this session we will talk about why Windows 10 is the ideal platform to power the big and small things that matter most to your business.	David Wurster	Hall 8.1 Room I
29 Oct 2014	08:30-09:45	Breakout	WIN-B412	Advanced Microsoft Deployment Toolkit 2013 Customizations: Dueling MDT Enhancements	I will take Microsoft Deployment Toolkit 2013 (MDT) to its outer limits. Learn about the new features in MDT 2013 and how to customize it to fit your organization's needs. You can expect a lot of live demos, tips, and tricks.	Johan Arwidmark	Hall 8.1 Room L
29 Oct 2014	08:30-09:45	Instructor-led Lab	CDP-IL305	Configuring Networking with System Center 2012 R2 Virtual Machine Manager	This lab provides an overview of configuring a multi-tenant network environment through System Center 2012 R2.	rt Davidson; Matt Mc	Hall 7 ILL Room 2
29 Oct 2014	08:30-09:45	Instructor-led Lab	EM-IL300	Deploying Windows 8.1 to Bare Metal Clients Using System Center 2012 R2 Configuration Manager	In this lab, perform a start-to-finish scenario of preparing a Configuration Manager 2012 R2 environment to deploy Windows 8.1, as well as deploying Windows 8.1 to a bare metal system. Deployment of Windows 8.1 using Configuration Manager 2012 R2 is very similar to that of deploying Windows 8 with Configuration Manager 2012 SP1. There are a few new features in the operating system deployment feature of System Center 2012 R2 Configuration Manager that this lab introduces.	eike Ritter; Simon M	Hall 7 ILL Room 3
29 Oct 2014	08:30-09:45	Instructor-led Lab	WIN-IL200	Creating a Windows 8.1 Reference Image Using Microsoft Deployment Toolkit 2013	In this lab, walk through the process for creating a deployment share in Microsoft Deployment Toolkit 2013, adding Setup files, creating task sequences, and configuring deployment share settings. Then create a Windows 8.1 reference image using MDT 2013.	Kyle Rosenthal	Hall 7 ILL Room 1
29 Oct 2014	10:15-11:30	Breakout	CDP-B211	Microsoft Azure and Its Competitors: The Big Picture	Public cloud platforms such as Microsoft Azure are the future of datacenters. Microsoft is a major player in this area, but there are plenty of competitors. In this session, David Chappell provides an independent perspective on this market. Don't expect detailed feature comparisons, but do expect to leave with a big-picture view of how Azure compares with cloud platforms from Amazon, Google, Salesforce.com, and others	David Chappell	Hall 8.0 Room C1
29 Oct 2014	10:15-11:30	Breakout	CDP-B291	Dell Storage Spaces: An End-to-End Solution	This session outlines various reference architectures defined and validated by Dell and Microsoft and running in Customer Production Deployments. We review each option and benefits with regards to workloads, expected performance (IOPS), scale, resiliency, and capacity. After this session you will have all the required information to design a Dell and Microsoft supported Storage Spaces solution.	ison; Terry Storey; S	Hall 8.0 Room D1

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
29 Oct 2014	10:15-11:30	Breakout	CDP-B305	TWC   A Game of Clouds: Black Belt Security for the Microsoft Cloud	Trust and cost are the two drivers of cloud computing. Reducing cost is in the nature of cloud services, but what about trust and security? You've heard the hype about Windows Azure & Office 365, but if you chat with anyone about cloud computing, the first topic of conversation is always security. Join MVP Andy Malone as he investigates and demos, on privacy, identity & access control, encryption, reporting, and auditing; discussion of these topics can provide important insights and help you protect and secure your data as you move to the cloud. If it's your mission to learn more about cloud trust and security, then this is a session you won't want to miss.	Andy Malone	Hall 8.0 Room B2
29 Oct 2014	10:15-11:30	Breakout	CDP-B329	From Demo to Reality: Best Practices Learned from Deploying Windows Server 2012 R2 Hyper-V	It's one thing to hear about and see a great demo of a Hyper-V feature. But how do you put them into practice? This session takes you through some of those elements of Hyper-V that have made for great demonstrations, introduces you to some of the lesser-known features, and shows you best practices, support guidelines, and design/usage tips for making the most of your investment in Hyper-V.	Aidan Finn	Hall 8.0 Room A2
29 Oct 2014	10:15-11:30	Breakout	CDP-B330	Network Infrastructure Services in the Next Release of Windows Server for Datacenter Network Operations	This session focuses on the advances made in the network infrastructure management services in the next version of Windows Server, to operate cloud datacenter networks. The session will have details about the capabilities like (1) having the network insight of the cloud data center infrastructure (network, compute and storage) and deducing a network topology and it's interconnection; (2) validation of the discovered network topology against the desired/goal network topology for the appropriateness of physical network configuration/wiring; (3) automated configuration of cloud data center infrastructure including network devices like ToRs and aggregate switches via standard based management platform that supports desired state configuration; (4) auditing and tracking the network health and its impact due to loss, latency and availability of the physical network of the cloud datacenter with the help of active probes placed across the fault-domains of the network. The cloud data center operations is consolidated with several improvements made in the IP Address Management (IPAM) feature like IP addressing lifecycle management and the integrated management of core network services like DNS and DHCP, powered with granular role-based access control across multiple datacenters.	Maresh Narayanan	Hall 8.0 Room B1
29 Oct 2014	10:15-11:30	Breakout	CDP-B347	System Center Operations Manager: Monitoring in a Modern World	This session illustrates how customer needs for monitoring are changing and how Microsoft is investing in System Center Operations Manager and System Center Advisor to address these updated customer needs.	Daniel Savage	Hall 8.1 Room G
29 Oct 2014	10:15-11:30	Breakout	CDP-B354	Advantages of Upgrading Your Private Cloud Infrastructure in the Next Release of Windows Server	Learn about the functionality and processes that are available to enable you to move your private cloud deployments to Windows Server 2012 R2 and beyond, with zero downtime. Understand the options that are available to you today and in the next version, along with the considerations needed to determine the best path for continuing to keep your environment on the best technology available for private clouds today. This session covers the end-to-end approach including Hyper-V, Clustering, Storage, and System Center Virtual Machine Manager.	Ken Sen; Rob Hindman	Hall 8.1 Room H
29 Oct 2014	10:15-11:30	Breakout	CDP-B361	Architecting Software Defined Storage: Design Patterns from Real-World Deployments	Starting with Windows Server 2012, Microsoft offered a complete storage stack from the hardware up, leveraging commodity JBODs surfaced as Virtual Disks via Storage Spaces, hosted by Scale-Out File Server nodes and servicing client requests via SMB3. Now, with major features added in Windows Server 2012 R2 (e.g. Storage Tiering and SMB Redirection), the story gets even better! And as a critical piece in the Modern Datacenter (i.e. a Software-Defined Datacenter), SDS plays a crucial role in improving utilization and increasing cost efficiency, scalability, and elasticity. This session empowers you to architect, implement, and monitor this key capability in your customer environments. Come learn how to design, deploy, configure and automate a storage solution based completely on Windows technologies, as well as how to troubleshoot and manage via the in-box stack. Live demos and real-world customer examples galore!	Joshua Adams	Hall 8.0 Room D4
29 Oct 2014	10:15-11:30	Breakout	DBI-B211	Interactive Data Visualization with Power View	In this session, we take a deep dive into Power View, Microsoft's interactive data visualization experience. Through some cool demos, learn how to create beautiful, interactive Power View reports while getting a tour of the product's features. Also, learn about the architecture of Power View and related components, and about the different flavors of Power View (Power BI in Office 365 vs. on-premises, Excel desktop vs. Excel Web App vs. Power View Web App) and their differences. If you're eager to gain a deeper understanding of Power View, don't miss this session!	Ruel Llopis; Taylor Cl	Hall 8.0 Room F4
29 Oct 2014	10:15-11:30	Breakout	DBI-B219	Introduction to Hadoop through Azure HDInsight	Data is rapidly growing. We're dealing with data of all shapes and sizes being generated faster than ever before. Apache Hadoop is a platform that has emerged to help extract insight from all that data. In this session, learn the basics of Hadoop, how to get up and running with Hadoop in the cloud using Microsoft Azure HDInsight, and how you can leverage the deeper integration of Visual Studio to incorporate Big Data with your existing applications. No previous experience with Hadoop is required.	Matthew Winkler	Hall 8.0 Room F1
29 Oct 2014	10:15-11:30	Breakout	DEV-B310	A Practical View of Release Management for Visual Studio 2013	This session demos using Desired State Configuration (DSC) with Release Management for Visual Studio 2013 to tackle real-world deployment challenges. We start by presenting an overview of the key concepts, architecture, and configuration of the various components. We discuss the out-of-the box deployment actions available to compose automations for common deployment scenarios and how to use extensibility to cover the not-so-common scenarios. In more detail, we discuss adding custom DSC resources, how to trigger release as part of a build and how to leverage logs to diagnose failed releases. These are presented through specific scenarios encountered in the field.	Remillard; Donovan	Hall 8.1 Room L

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
29 Oct 2014	10:15-11:30	Breakout	DEV-B312	Building Customer Facing Mobile Apps with Microsoft Azure	For today's businesses, having a webpage and social media account is no longer sufficient to provide high-quality engagement and service for their customers. Businesses need to target the screen that most people keep in their pocket at all times via rich and powerful mobile apps. Come learn how to build compelling mobile experiences for customers, featuring the power of Azure and capabilities such as data storage and offline data sync, authentication with social providers, scalable segmented push notifications, email/SMS outreach, and deep analytics. In this talk, we dive deeply into Azure Mobile Services, Azure Notification Hubs, and other cloud technologies, using our familiar Web API stack and Visual Studio. We work through some detailed code examples and technical demos, and also discuss Azure product plans and roadmap.	Yavor Georgiev	Hall 8.0 Room E9
29 Oct 2014	10:15-11:30	Breakout	DEV-B345	The Future of C# and Visual Basic	Project "Roslyn" is a complete renewal of the C# and Visual Basic compilers, exposing them as full fidelity APIs for everyone to use, and providing a great foundation for evolving the tool experience and the languages themselves. How can you make use of "Roslyn," and what new language features do we have in store? Come and see!	Kevin Pilch-Bisson	Hall 8.1 Room J
29 Oct 2014	10:15-11:30	Breakout	DEV-B347	Discovering Performance and Scale Impediments in Your Web Applications	Do you find it painful to set up infrastructure to run performance and load tests? Do you think load testing is an expensive affair? Do you have a need for testing your service with a large burst load just before your big launch? Do you want to get a 360-degree view of the performance and availability of your application when tested under load conditions? In this session, see how you can use the cloud-based load testing service provided by Visual Studio Online in conjunction with the monitoring and analytics.	Hard Vogel; Brian Ra	Hall 8.0 Room D3
29 Oct 2014	10:15-11:30	Breakout	EM-B322	EMBARGO on Oct28: Investments in Remote Desktop Services	Come and learn about our investments and focus areas for VDI in the next version of Windows Server.	Mark Isoka; Winston Joh	Hall 8.0 Room F5
29 Oct 2014	10:15-11:30	Breakout	OFC-B218	Interactive Visual Dashboard Solutions with Visio Services	Did you know that you can easily build and share dynamic data connected dashboards with Microsoft Visio and SharePoint? This session highlights the new investments in Microsoft Visio Pro for Office 365 and take you through a real-time dashboard building exercise.	Ian White	Hall 8.0 Room E7
29 Oct 2014	10:15-11:30	Breakout	OFC-B226	Office 365 Managing Change	As a cloud service, Microsoft Office 365 continues to evolve as we develop new innovations in productivity and enhance existing services. In this session, hear about how we deploy and communicate updates in the Office 365 service. We discuss the Office 365 roadmap disclosure process, service change communications, review the key channels for you to stay ahead of change, and discuss a bit of the behind-the-scenes on how we develop, track, and deploy updates to the service.	Jake Zborowski	Hall 8.1 Room K
29 Oct 2014	10:15-11:30	Breakout	OFC-B331	Managing Microsoft Lync Server 2013 Backup and Restore	As Lync becomes an important part of the infrastructure, it is equally important to be able to quickly restore its availability in the event of an outage. Even a well-designed High Availability solution may encounter loss of data or server failure. This session addresses which components the administrator will need to pay attention to when designing his disaster recovery plan. Not only do we discuss which components we need a backup of, but also which tools and commands are available to complete the task.	Lasse Wedo	Hall 8.0 Room F7
29 Oct 2014	10:15-11:30	Breakout	OFC-B338	Overview of Microsoft SharePoint 2013 and Office 365 Hybrid Scenarios	Cloud computing has become a popular and successful computing model that enables organizations to reduce both their capital and operational expenditures, renew IT innovation, and gain the advantage of more rapid software delivery to meet their business needs. However, according to a recent Forrester study, "only 8% plan a full deployment in the Office 365 cloud, but an additional 26% will move to a hybrid cloud, on-premises deployment." A hybrid environment that uses SharePoint Server 2013 and SharePoint Online enables solutions that integrate functionality between services and features such as Search, Microsoft Business Connectivity Services, and Duet Enterprise Online for Microsoft SharePoint and SAP in both environments. This session provides an overview of hybrid capabilities, the initial phases of the hybrid environment deployment process, which describes how to configure the basic infrastructure for a hybrid environment using SharePoint Server 2013 and SharePoint Online.	Paolo Pialorsi	Hall 8.0 Room E1
29 Oct 2014	10:15-11:30	Breakout	WIN-B311	Non-Persistent VDI: Optimize Your Environment with App-V and UE-V	Virtual environments can offer huge advantages in cost savings, maintenance, etc. How can you realize these advantages using App-V and UE-V? Come on a deep-dive journey into best practices for leveraging App-V and UE-V to maintain an even smaller and more agile Golden Image, to simplify application management and improve VDI performance, while not sacrificing the user's application and personalization experience.	Aaron Ruckman	Hall 8.0 Room B4
29 Oct 2014	10:15-11:30	Breakout	WIN-B331	Windows 10: Overview	We've simplified management and deployment to help lower costs, including in-place upgrades from Windows 7 or 8, and focused on making device wipe-and-reload scenarios obsolete. We're also providing businesses with more choice in how quickly they adopt the latest innovations, and are delivering continued improvements based on customer feedback. Come learn the latest information about Windows 10.	Brad McCabe	Hall 8.1 Room I
29 Oct 2014	10:15-11:30	Instructor-led Lab	CDP-IL204	Introduction to Microsoft Azure Virtual Machines (repeated on 30 Oct at 10:15)	In this lab, learn the basics of Azure Virtual Machines and Virtual Networking. Start with spinning up your own VM from the gallery, exploring the features. Create a new VM from a .vhd file—the bring your own VM path many of your customers will use. Configure networking and understand how traffic flows into/out of your VM.	Jason Clarke	Hall 7 ILL Room 1
29 Oct 2014	10:15-11:30	Instructor-led Lab	EM-IL301	Implementing a Basic PKI in Windows Server 2012 R2	The purpose of this lab is to demonstrate how to implement a basic Public Key Infrastructure (PKI) in Windows Server 2012 R2 to enable services that rely on certificates.	Andrew McMurray	Hall 7 ILL Room 3
29 Oct 2014	12:00-13:15	Breakout	CD01	CAREER DEVELOPMENT: Next Roles, Next Skills, and Staying Relevant in an Evolving IT World	You'd be forgiven for thinking that wider adoption of cloud services will mean that Infrastructure specialists will no longer be needed in IT. While it is true that some traditional IT functions are in decline, there are also new roles emerging and so the challenge we face is how to develop our careers and stay relevant in the IT job market.  That's the question we're trying to answer in this session, and we plan to break the problem down into three parts—what are those Next roles; what are the Next Skills we need; and what you need to do Next to stay current as the IT job market evolves. We do this by working with some of the pioneers in these new areas, specifically some of the Microsoft Valued Professionals who are already here at TechEd, as they have already started on this journey. Please join us for this interactive discussion which we hope will help you to be part of what's next.	Fryer; Ed Baker; Sus	Hall 8.0 Room A2

TechEd Europe 2014 Session Schedule

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Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
29 Oct 2014	12:00-13:15	Breakout	CDP-B213	Role-Based Access Control for Microsoft Azure Resources	Controlling who can access Azure resources and controlling what users can do within and across multiple Azure subscriptions has been a challenge. The solution is Azure Role-Based Access Control (RBAC). Come to this session to learn about what it is, what it can do, and how it can help you, as you need more sophisticated ways to control access to Azure.	Dushyant Gill	Hall 8.0 Room D4
29 Oct 2014	12:00-13:15	Breakout	CDP-B233	Virtualizing Linux and FreeBSD Workloads on the Next Release of Windows Server Hyper-V	In today's modern datacenter, heterogeneous environments with Windows Server, Linux and FreeBSD are more common than not. Being able to run all of your virtualized workloads on a single hypervisor simplifies management and optimizes server capacity. In this session, we explore the level of support Hyper-V 2012 R2 has for Linux and FreeBSD-based distributions and how IT admins and architects can ensure top performance and reliability running on Hyper-V.	Jason Anderson	Hall 8.0 Room E9
29 Oct 2014	12:00-13:15	Breakout	CDP-B239	How to Stay Calm When the Lights Go Out: Business Continuity in the Real World	Don't fear the worst happening. Every business needs a coherent disaster recovery (DR) / business continuity solution that is tried and tested. With the vast array of options and technologies on the market, building a reliable solution can be complex and costly. Learn how to use the products and capabilities in Windows Server, System Center, and Microsoft Azure to design and build a DR / business continuity solution that works, can be tested, and meets the needs of your organization.	Philip Moss	Hall 8.0 Room B2
29 Oct 2014	12:00-13:15	Breakout	CDP-B241	TWC   Pass the Hash Whitepaper v2	Pass the Hash (PtH) is one of the most widespread and damaging attack techniques affecting our customers. Microsoft's Pass the Hash workgroup has continued to work on mitigations in many forms including technical guidance and platform modifications. This session covers the new Pass the Hash whitepaper with guidance on mitigation strategies that integrate the new features and address common customer scenarios like helpdesk, domain, and server mitigation. The paper also includes guidance mapped to the functions in the recently released NIST cybersecurity framework. This session also discusses the PTH mitigation features that were introduced in Windows 8.1 and Windows Server 2012 R2, and availability status for previous platforms.	Mark Simos; Patrick Jun	Hall 8.0 Room F5
29 Oct 2014	12:00-13:15	Breakout	CDP-B336	In-Depth Introduction to Service Management Automation	You may have noticed that System Center Orchestrator 2012 R2 has a new partner in automation, Service Management Automation. What exactly is Service Management Automation (SMA) and how does it align with current automaton and private cloud strategies? What are the capabilities of SMA and why should you care? What is the role of PowerShell workflow in SMA? Finally how is SMA configured, how is it used, what are the technical details needed to begin effectively using SMA?  In this session, we answer these questions. We take an in-depth look at SMA, exploring capability, configuration, and also demonstrating some cool automation examples with full technical breakdown. The session starts with a discussion around the role of SMA in the modern datacenter exploring use cases, integration opportunities, and also taking a look at potential future opportunities for SMA. We then detail the prerequisites and configuration steps required to use SMA. Finally, several practical example automations are detailed, demonstrated, and discussed in depth. This session is not only a great all-up introduction to Service Management Automation and the future of data center automation, but a great primer on using PowerShell workflow.	Chris Bengtsson; John M	Hall 8.1 Room H
29 Oct 2014	12:00-13:15	Breakout	CDP-B341	Architectural Deep Dive into the Microsoft Cloud Platform System	Microsoft Cloud Platform System (CPS) is an end-to-end cloud solution from Microsoft and Dell. This solution is designed from the ground up for redundancy, high availability, performance, and scale. This session provides a technical deep dive into the design of CPS, the storage, compute, and networking and management architecture. We drill into the design for each of these with a view to highlighting the design choices that enable the customer to benefit from our learnings.	Mark Pinkerton; Spencer S	Hall 8.0 Room B1
29 Oct 2014	12:00-13:15	Breakout	CDP-B343	Introduction to the NEW Microsoft Azure Operational Insights Service with System Center Operations Manager	This TechEd Europe 2014 session covers how Operations Manager as a platform has been extended with Microsoft Azure Operational Insights Preview (previously known as System Center Advisor), a next generation cloud service that provides log collection, search, dashboard visualization and operational intelligence for modern IT operations. Come to this session and see how easy it is to collect machine data/logs and explore them.	Joseph Chan	Hall 8.0 Room D3
29 Oct 2014	12:00-13:15	Breakout	CDP-B356	What's New in Microsoft Azure IaaS and Roadmap	Last year, we announced the general availability for Azure infrastructure services (IaaS). Since then, we have continually innovated and added new and existing features to the IaaS platform. In this session, we focus on some of the features and functionality that's been recently added to Azure IaaS. You can be assured that we will showcase some new features for the first time in this session!	Avanessians; Guy B	Hall 8.0 Room B4
29 Oct 2014	12:00-13:15	Breakout	CDP-B382	Docker and Microsoft: How Azure is Bringing the World of Windows and Linux Together	Containers are here to stay and Docker is the de facto container ecosystem for Linux today because of the huge ecosystem of dockerized portable application images in Docker Hub enabling rapid deployment. In this session, learn about what the Microsoft/Docker partnership means to Windows and Linux developers, and how Azure customers can get the best of both worlds. See a demonstration of the Docker support in Azure Linux VMs today and learn about what is coming in near future.	Sanders; Nick Stine	Hall 8.1 Room I
29 Oct 2014	12:00-13:15	Breakout	DBI-B212	Connecting SAP ERP and Microsoft BI Platform	Join this session to learn about the best techniques to derive business insights using Microsoft BI tools connecting to the SAP ERP and SAP BI Platform. We outline best approaches to connect to the SAP business system including SAP ECC, CRM, Business Warehouse (BW) and SAP BI Platform using Microsoft Excel 2013 and SharePoint BI platform. We also talk about SAP Net weaver Gateway to consume all sorts of SAP-generated data via OData feeds. Fifty percent of the session consists of live demos of Microsoft BI connecting the SAP system.	Chris; Justin Martinson; S	Hall 8.0 Room F4
29 Oct 2014	12:00-13:15	Breakout	DBI-B313	Microsoft Azure SQL Database Business Continuity and Auditing Deep Dive	Join this session to learn about the latest investments in business continuity and security for Azure SQL Database. We cover in detail the newly introduced concepts and demonstrate how and when to apply the new capabilities for business continuity. We also discuss how to configure and use auditing to help you maintain regulatory compliance and enhance security using the new auditing capabilities.	Chris Carmel; Jan Engels	Hall 8.0 Room F1

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
29 Oct 2014	12:00-13:15	Breakout	DEV-B217	Go Mobile with C#, Visual Studio, and Xamarin	Xamarin enables C# developers to become native iOS, Android, and Windows mobile app developers overnight. In this session, learn how to leverage your existing Microsoft .NET and C# skills to create iOS and Android mobile apps in Visual Studio with Xamarin. In addition to allowing you write your iOS and Android apps in C#, Xamarin lets you reuse existing .NET libraries and share your business logic across iOS, Android, and Windows apps. This session also gives you the tools to determine how much existing C# code can go mobile to iOS and Android, plus helps you determine the architecture necessary to support maximum code sharing and reuse. We also provide guidance and best practices for handling fragmentation across and within each device platform.  During this session we will cover the Xamarin platform and how to create native iOS, Android, and Windows apps in C#. Moreover, we will really focus on the code with several live coding adventures throughout the entire session. When you leave you will have the knowledge to create your first iOS & Android in C# with Xamarin in Visual Studio.	James Montemagno	Hall 8.1 Room G
29 Oct 2014	12:00-13:15	Breakout	DEV-B302	The Lync Developer Platform Demo Fest	Lync is an incredibly powerful product. Yet even more powerful if you start integrating it into your business and use communications to help you be more efficient. IT Pro or developer, this session will inspire you with dozens of ideas how to use Lync beyond what you know already, by giving a series of demos of applications and real life stories of the impact that the applications show have had with customers. Applications that integrate Lync in your own software, how to leverage presence and click to communicate from within your app. How to send automatic notifications via Lync as well as via the PSTN. How to find the right people at the right time leveraging Lync. How to transform your customer care, both internally as well as for external customers, with IVR and ACD like applications. How to integrate Lync calls in your customer facing website and in your mobile apps. This session shows a series of great demos you can implement today!	Jel Valik; David New	Hall 8.0 Room F7
29 Oct 2014	12:00-13:15	Breakout	DEV-B332	Entity Framework Now and Later	Entity Framework 7 will be a new release of EF and will build on the host of great features from EF6, such as async query and save, testability improvements, connection resiliency, custom Code First conventions, Code First spoc mapping, command interception, and many others. EF7 will enable new data sources, be lightweight and extensible, but still build on familiar concepts. We cover the new features, the move to OSS, and the how-to's of upgrading. We also take a look at what's coming next for Entity Framework, EF Tooling, Code First, and more.	Pranav Rastogi	Hall 8.1 Room J
29 Oct 2014	12:00-13:15	Breakout	DEV-B335	From Vanity to Value, Metrics That Matter: Improving Lean and Agile, Kanban, and Scrum	This session is born of the hard lessons learned from years of working with diverse companies using metrics to improve their software development processes. Come learn from our successes and be warned by our failures. This session covers what makes an effective metric, the pitfalls in designing metrics, and the basic principles for using metrics appropriately. We cover many general principles, but dive deeply in the metrics needed for lean and agile software practices, using Kanban and Scrum as our representative methodologies. You'll leave with a number of good metrics and how to collect them, and more importantly, with a deepened understanding of why measuring the right things is critical, and how to measure those things. For instance, there's one highly effective metric that can turn a frantically busy and harried team into a team that will deliver more value without feeling overworked! We even lay to rest some enticing, but ultimately harmful, measures like efficiency. In fact, we show you how reducing efficiency can dramatically improve productivity! (Sound impossible? It's not, and once you've seen how, you'll never look at efficiency the same way again.) Don't miss this session.	Steven Borg	Hall 8.0 Room E1
29 Oct 2014	12:00-13:15	Breakout	OFC-B229	Microsoft OneNote: Capture, Organize, and Share Notes across Devices	OneNote gives you one place to keep your notes and other content with you, anywhere, now that OneNote is across all platforms and devices. Write by hand, type, record, snap a picture, clip from the web, or use a growing number of other partner apps and devices and OneNote saves it. Organized or not, you can easily find your notes in any form (text, writing, picture, or audio) with OneNote search. This session walks through end-user scenarios for using OneNote at home and at work to give you a clear understanding of how OneNote allows you to do more with Microsoft Office 365 from cross-platform, to real-time collaboration, to extensibility.	Ari Schorr	Hall 8.0 Room D1
29 Oct 2014	12:00-13:15	Breakout	OFC-B337	Overview of Business Intelligence in Office and Office 365	What separates the Microsoft Business Intelligence platform from the competition? Be armed with the Microsoft Office and SharePoint Server 2013 integrated analytics platform that allows your customers to discover and share business insights in dynamic environments. Come see demos of the integrated platform across Office, SharePoint and Microsoft SQL Server. We show the solution roadmap with the key features SharePoint provides for Business Intelligence applications through collaboration dashboards, multidimensional reports and self-service analytics.	Peter Myers	Hall 8.0 Room E7
29 Oct 2014	12:00-13:15	Breakout	OFC-B350	Everything You Need to Know about SMTP Transport for Office 365	This session covers how you can ensure your migration to Microsoft Office 365 will be successful with regards to keeping mail flow working and not seeing any non-deliverable messages! We look at real-world scenarios for hybrid and staged migrations so that we can consider the impact of mail flow at all stages of the project. We look at testing mail flow, SMTP to multiple endpoints, solving firewalling issues, and how email addressing and distribution group delivery is done in Office 365 so that we always know where a user is and what is going to happen when they are migrated. Compliance and hygiene issues are covered with regards to potentially journaling from multiple places and the impact of having anti-spam filtering in Office 365 that might not be your mail flow entry point.  We consider the best practices for changing SMTP endpoints and when is a good time to change over from on-premises-first to cloud-first delivery, and if you need to maintain on-premises delivery how you should go about that process. Finally, we cover troubleshooting the process should it go wrong or how to see what is actually happening during your test phase when you are trying out different options to see which works for your company and your requirements. We demonstrate how to set up some of the concepts covered here.	Brian Reid	Hall 8.1 Room K

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
29 Oct 2014	12:00-13:15	Breakout	WIN-B327	Hacker Tools for Ethical Hackers to Protect Windows Clients	If you want to really protect your Windows environment then you should know what is used by the cyber criminals. This session shows you the hacking tools of today, the damage they can inflict, and how you can be aware of those tools before they hit your network. Also, learn how Windows Clients are ready to mitigate some of these attacks, and how you can utilize your security skills.	Yury Zykaya; Raymond Co	Hall 8.0 Room C1
29 Oct 2014	12:00-13:15	Breakout	WIN-B352	PUSH: How to Build and Take Advantage of Push-Enabled Apps in an Enterprise/IT Environment	Windows 8.1 and Windows Phone 8.1 have a converged push notifications platform and development model. In this talk we dive into great new things with the Tiles, Toast and background push notifications that can you can incorporate in your apps. We walk through some best practices and work through sample code on how you can use push notifications in your apps.	Saral Shodhan	Hall 8.1 Room L
29 Oct 2014	12:00-13:15	Instructor-led Lab	EM-IL306	Deploying Software to Mobile Devices with System Center 2012 R2 Configuration Manager and Intune	Using System Center 2012 R2 Configuration Manager and Intune, it's easy to create and deploy applications that work across all of your devices, including mobile devices. In this lab, create and deploy sideloaded apps and links to web and Store apps.	Scott Brimley	Hall 7 ILL Room 3
29 Oct 2014	12:00-13:15	Instructor-led Lab	WIN-IL301	Resolving Windows Performance Issues without Opening a Support Case	Does your logon script spin for minutes? Do your PCs or servers freeze up and frustrate your users? This ILL is inspired by real-world Microsoft support cases. Learn to use the Windows Performance Toolkit to see deep inside the OS—finding and fixing delays. Be a hero! Make your organization's machines go faster!	Yusef Hecelios; Yasin Sögütü	Hall 7 ILL Room 1
29 Oct 2014	14:15-14:30	Digital Wall Presentation	DW02	Dell and 4ward Cloud-in-a-Box Appliance: Deploy a Hybrid Cloud in 2 Hours	Discover how joint innovation by Dell, 4ward, and Microsoft can help customers embrace private and hybrid cloud computing models based on Microsoft's cloud OS in less than two hours. This session includes a live demo of VRTX cloud appliance and its value for customers and partners.	Parmigiani; Sergio I	Digital Wall
29 Oct 2014	13:45-14:45	Lunch Presentation	CDP-L297	Safely Migrate from Windows Server 2003 with HP	As extended support for Windows Server 2003 ends July 14, 2015 the potential risks to organizations and businesses increases significantly. Now is the time to plan for upgrading systems and considering cloud architectures allowing for increased flexibility and reduced cost. Learn how HP can help with upgrade and migration planning.	Robert Reynolds	Hall 8.0 Room E7
29 Oct 2014	13:45-14:45	Lunch Presentation	CDP-L393	Deploying Software-Defined Infrastructure with Hitachi Unified Compute Platform for Microsoft Private Cloud	Hitachi Unified Compute Platform (UPC) for Microsoft Private Cloud with System Center is a converged infrastructure built with the IT administrator in mind. It features Hitachi Data Systems servers, storage, and network integrated into a pre-validated, pre-configured platform with System Center management layer—UCP Director software that is embedded into System Center. In the software-defined data center, all infrastructure is virtualized and delivered as a service. Compute, storage, networking, security, and availability are pooled, aggregated, and automated by UCP Director software.	Akhila Tadinada	Hall 8.0 Room D3
29 Oct 2014	13:45-14:45	Lunch Presentation	CDP-L395	Deploying Web-Scale Private Clouds Using the Azure Pack and Nutanix Virtual Computing Platform	The rise of virtualization and new applications has created pressure on IT departments to develop, deliver, and maintain an application and storage infrastructure that is not only high performing, but also simple to manage, VM-centric, and highly scalable. In this Lunch Presentation, we discuss how to create the ideal infrastructure for Hyper-V and virtualized Windows applications, that is always available and literally invisible to the application teams. We also explore a real-world Azure Pack deployment of a European service provider Synergics during this technical presentation. One of the Synergics' architects explains and demonstrates how they deployed a scalable, easy-to-manage cloud based on Azure Pack.	Wim Luckaert; Tom Van Gr	Hall 8.0 Room D4
29 Oct 2014	13:45-14:45	Lunch Presentation	CDP-L396	CASE STUDY: How Jack Wolfskin Leverages a Microsoft Private Cloud on NetApp Storage to Maximize Efficiencies and Realize Market Expansion	Join this Lunch Presentation to learn how Jack Wolfskin, Europe's leading manufacturer of outdoor clothing and equipment, transformed its distribution center into a state-of-the-art, automated warehouse, propelling global expansion and doubling its retail footprint. Learn how Jack Wolfskin eliminated downtime and data loss; cut specific CO2 emissions by 50% in three years; accelerated shipping container unloading, taking 45 minutes instead of 4 to 5 hours; and, increased the number of shipments annually by 86% without increasing headcount with NetApp and Microsoft Private Cloud.	Mark Ryan; Severin Cani	Hall 8.0 Room D1
29 Oct 2014	15:15-16:30	Breakout	CDP-B210	Cloud Identity: Microsoft Azure Active Directory Explained	Azure Active Directory is the cloud identity and access management solution of Microsoft. It consist of various hybrid identity management capabilities for enterprise users, task workers, B2B and B2C scenarios. Single Sign On to thousands SaaS applications, self-service password reset, group management delegation, device registration/conditional access, multi-factor authentication, cloud application discovery, application proxy, advanced sync engines with on-premises directories, advanced security reports, and more.	Nasos Kladakis	Hall 8.1 Room G
29 Oct 2014	15:15-16:30	Breakout	CDP-B231	Microsoft Azure Storage Overview	Azure Storage is a highly scalable, available, and durable cloud storage system that stores 30+ trillions of objects and serves 3+ million requests per second on average. It provides abstractions like NoSQL Tables, Blobs, Files, and Queues—all built on top of the same framework. This talk gives an overview of Azure Storage and demonstrates Azure Files, client library, and tools, in addition to describing a few practical patterns on how to build scalable and resilient services using storage.	Prashant Haridas; Vinay Sha	Hall 8.0 Room B4
29 Oct 2014	15:15-16:30	Breakout	CDP-B339	Leveraging SAN Replication for Enterprise Grade Disaster Recovery with Azure Site Recovery and System Center	In this session, we show how IT professionals can extend Azure Site Recovery and System Center Virtual Machine Manager 2012 R2 (VMM) to build Disaster Recovery Solutions for Hyper-V VMs using existing SAN replication investments in their datacenters. We go into specific use cases and scenarios where SAN replication is useful in an enterprise-grade setup. We detail how VMM's storage management capabilities can be extended to perform replication management and how Azure Site Recovery leverages the same to perform end-to-end DR orchestration with rich recovery plan integration. We also showcase the standards-based integration work we have done with key SAN partners in the industry to enable this for our mutual customers.	David Wal; Hector Linares;	Hall 8.1 Room I
29 Oct 2014	15:15-16:30	Breakout	CDP-B357	Windows PowerShell Unplugged with Jeffrey Snover	Come learn PowerShell the way PowerShell was meant to be learned—exploring Windows from the console. In this session, Distinguished Engineer Jeffrey Snover starts with the Get-Help cmdlet and shows you the tools and techniques to teach yourself PowerShell. Jeffrey's contention is that most people still haven't realized the power of what was delivered in PowerShell V1 so advanced users are likely to learn as much as day zero beginners. The goal of this talk is not to teach you any particular PowerShell feature or how to manage a system. Jeffrey will pick some topic and drill into it with the goal of showing you how to use PowerShell to explore and learn and figure out how to manage things.	Jeffrey Snover	Hall 8.0 Room C1

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
29 Oct 2014	15:15-16:30	Breakout	CDP-B363	End-to-End Design for a Highly Available Datacenter	Delivering truly highly-available systems is a key requirements for all IT solutions today. Designing and building these systems requires careful planning from the ground up, with complexity increasing considerably when designing for multi-site scenarios. In this session, learn how to use the Windows stack and core capabilities within Windows to plan for and deliver highly available systems from the storage, network, compute layers through to the application—while at the same time driving down operational costs and minimizing hardware utilization.	Philip Moss	Hall 8.0 Room A2
29 Oct 2014	15:15-16:30	Breakout	CDP-B369	TWC   Recalling Windows Memories: Useful Guide to Retrieving and Analyzing Memory Content	Acquiring and analyzing physical memory as done by forensics professionals is a crucial skill to understand how an operating system works or worked during the incident. For hobbyists, working with memory can be useful to perform troubleshooting and understand how certain solutions work. Just as it is crucial to understand operating system internals and security aspects, it is equally critical to understand what's in the operating system's memory. The valuable content contains evidence of user actions, hacker's tasks, malicious code behaviors, and the story of what happened on a system. During this session Paula explains and shows the techniques for memory acquisition, techniques for grabbing the juicy data, and why it is so amazing to find someone's memory dump! This session is intense but practical at the same time—packed with a lot of live demos and stories! You won't want to miss a thing!	Paula Januszkiewicz	Hall 8.0 Room F5
29 Oct 2014	15:15-16:30	Breakout	CDP-B393	Protecting Virtual Machines with Veeam: There Is More than Just Protection	Protecting your Virtual machines is more than just "backup." There are many things you can do with your data protection and thanks to the virtualization capabilities of Hyper-V you have many restore options and additional tools you can use in your day-to-day work. In this session, find out what it means to protect VMs and what the possibilities are to actually take advantage of your data protection.	Mike Ressler	Hall 8.0 Room D4
29 Oct 2014	15:15-16:30	Breakout	DBI-B217	Introduction to NoSQL on Azure	In this session, we cover the expanding NoSQL landscape on Azure and go into a bit of depth into DocumentDB, Microsoft's document database-as-a-service. This session is intended for those that are new to NoSQL as well as those that are curious about what options exist for running NoSQL data stores on Azure.	David Chappell	Hall 8.0 Room F1
29 Oct 2014	15:15-16:30	Breakout	DBI-B310	Microsoft Analytics Platform System Overview	The Microsoft Analytics Platform System (APS) has evolved from a simple collection of on-premises servers to an integrated hybrid (on-premises/cloud) big data appliance that enables customers to gain valuable insight, no matter where the data lives. This session covers the new hybrid features in APS and how to migrate an existing SMP data warehouse to an APS appliance.	John Plummer; Lidia	Hall 8.0 Room E7
29 Oct 2014	15:15-16:30	Breakout	DBI-B413	Microsoft SQL Server 2014: In-Memory OLTP Memory/Storage Monitoring and Troubleshooting	Now that you have your application migrated to in-memory OLTP Engine and you're getting good performance with your workload, your main focus is to keep it operational. This session walks through various scenarios like running out of memory, garbage collection of both memory and storage, and corrupt backups, and shows you how to manage it using familiar tools such as PerfMon, Profiler, DMVs, XEvents and Management Pack to monitor your workload.	Sunil Agarwal	Hall 8.0 Room F4
29 Oct 2014	15:15-16:30	Breakout	DEV-B210	Applying S.O.L.I.D. Principles in Microsoft .NET/C#	Have you heard of the S.O.L.I.D. principles? You have? Good! Can you explain them all? And make your colleague understand them, and why they are useful? Okay, in that case, you should stay away from this session. If not, you should definitely go to this session, as it goes through each one of the principles, explaining what it means and why it is useful. You will also be shown C# code examples explaining how they help you, and what problems you solve by adhering to them.	Chris Klug	Hall 8.0 Room B2
29 Oct 2014	15:15-16:30	Breakout	DEV-B219	Latest Innovations for ASP.NET MVC Development	With the release of Microsoft Visual Studio 2013 and recent updates, we also got new releases of ASP.NET MVC with lots of great new features. The good news is, it won't fundamentally change anything about the way you build websites with MVC, but it is actually a pretty major release with some important changes to become familiar with in the MVC feature set and in the surrounding ASP.NET stack. This session provides a guided tour of those new features. First, get a good understanding of some changes that are foundational and change the way ASP.NET works under the covers—the OWIN/Katana layers of the processing pipeline. Learn how to leverage new features that improve the way you write your MVC pages and controllers, like Browser Link, One ASP.NET, attribute routing, scaffolding, editor and security features, and the inclusion of Bootstrap. You also get a brief look at some other ASP.NET features like SignalR that you can incorporate in your MVC applications. By the end of the session you should have a solid understanding of what is new in MVC 5 and a quick start on how to start using those features.	Brian Noyes	Hall 8.1 Room J
29 Oct 2014	15:15-16:30	Breakout	DEV-B305	Deep Dive into New App Capabilities in Office 365	In the keynote you will hear some announcements for Microsoft Office 365 developers. Come to this session and learn how to implement these new capabilities in your Office 365 tenants!	Jo Ordonez; Sonya K	Hall 8.0 Room D1
29 Oct 2014	15:15-16:30	Breakout	EM-B315	Deploying Remote Desktop Services Roles in Microsoft Azure and Private Cloud	This session walks through the architecture of Remote Desktop Solutions (RDS) hosted in Azure, public, and private clouds. The discussion includes high availability considerations and capacity planning, as well as connectivity to corporate Active Directory and network resources.	Clark Nicholson	Hall 8.0 Room B1
29 Oct 2014	15:15-16:30	Breakout	EM-B319	Microsoft Identity Manager vNext Overview	Identity Management for customers' on-premises environments remains a significant area of focus. In this session we explore Identity Manager vNext and the areas we are investing in for the next release, including privileged access management and hybrid integration.	Mark Wahl; Sharon Lavi	Hall 8.0 Room E1
29 Oct 2014	15:15-16:30	Breakout	OFC-B231	Project and Portfolio Management in the Cloud	Don't miss the opportunity to hear about Project and Portfolio management (PPM) in the Cloud and how it relates to your Microsoft SharePoint Online users. During this session, we talk about the Microsoft vision for PPM in the Cloud and identify the solutions across Microsoft Office 365, SharePoint, and Project. It all fits seamlessly together so you can take a realistic approach to project and portfolio management inside your organization.	Andra Ciorte; Rapha	Hall 8.1 Room K
29 Oct 2014	15:15-16:30	Breakout	OFC-B340	Software Defined Networking with Microsoft Lync Server 2013	Software Defined Networking (SDN) is changing the way enterprises think about their network infrastructure. In this session, we review the Microsoft strategy and investments in SDN, the applicability to Unified Communications and the standardization efforts underway across key industry leaders. We also explore how SDN plays a critical role in UC for automating network functions such as QoS, diagnostics, traffic engineering, and security.	Jamie Stark	Hall 8.0 Room F7

TechEd Europe 2014 Session Schedule

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Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
29 Oct 2014	15:15-16:30	Breakout	OFC-B342	Microsoft SharePoint Server 2013 on Premises and Yammer Deployment Guidance	This session walks through the integration aspects of SharePoint on premises and Yammer. We give you an overview on how to set up SSO and Directory Sync and focus on the various scenarios that customers can be in when starting the integration. Each scenario requires a slightly different approach, and we share a detailed, step-by-step approach for each. We will also address the opportunities and challenges of UI integration and how to utilize Yammer as a social fabric.	Thomas Molbach	Hall 8.0 Room D3
29 Oct 2014	15:15-16:30	Breakout	WIN-B312	Deploying Microsoft BitLocker Administration and Monitoring 2.5	Come check out the new version of Microsoft BitLocker Administration and Monitoring (MBAM) 2.5—from the Microsoft Desktop Optimization Pack (MDOP) for Software Assurance—it takes BitLocker to the next level by simplifying deployment and key recovery, centralizing compliance monitoring and reporting, and minimizing the costs associated with provisioning and supporting encrypted drives within your organization. This lab enables you to experience and use many of the new features such as System Center Configuration Manager integration, self-service recovery, PIN complexity, and Windows 8.1 support, just to name a few.	Pinkston; Nathan Ca	Hall 8.1 Room L
29 Oct 2014	15:15-16:30	Breakout	WIN-B332	Windows 10: Education	While Windows has always provided great learning outcomes for students and a comprehensive platform for teachers and administrators, there are several reasons why education customers in general should take notice of Windows 10. From the minimal learning curve user experience for mouse and keyboard users, to the familiar usability scaled across Windows 10 devices, teachers and students will be productive and comfortable from the start. Hear in this session about how we are providing simplified management and deployment to help lower costs, including in-place upgrades from Windows 7 or 8 that are focused on making device wipe-and-reload scenarios obsolete. Additionally, learn about the new, unified app store for education allowing flexible distribution apps. Finally, we will talk about classroom orchestration capabilities and Windows 10.	Craig Ashley	Hall 8.0 Room E9
29 Oct 2014	15:15-16:30	Breakout	WIN-B334	Windows 10: Management (repeated on 30 Oct at 17:00)	Windows 10 continues to add new and improved management technologies, to ensure that Windows continues to be the best – and most flexible – operating system to manage. In this session, we talk about all the changes that are coming, including enhancements to built-in mobile device management protocols, new Windows Store and volume purchase program capabilities, sign-on capabilities with organizational IDs (Azure AD), sideloading and other app deployment enhancements, and new capabilities being added to other existing management technologies (e.g. PowerShell, WMI, etc.)	Mike Niehaus	Hall 8.1 Room H
29 Oct 2014	15:15-16:30	Instructor-led Lab	CDP-IL302	System Center 2012 R2 Lab: Infrastructure Monitoring	This lab guides you through key Infrastructure Monitoring tasks using System Center 2012 R2 Operations Manager and Advisor to provide comprehensive monitoring of physical, virtual, and cloud infrastructure (including VMware). In this lab Operations Manager, Data Protection Manager and Endpoint Protection are used to monitor, view, backup, recover, and protect the infrastructure.	Symon Perriman	Hall 7 ILL Room 2
29 Oct 2014	15:15-16:30	Instructor-led Lab	DBI-IL321	Preparing a Power Pivot Data Model for Power View Reporting in Excel 2013	In this lab, prepare an existing Power Pivot data model for Power View reporting. This involves adding descriptions, renaming columns, defining reporting properties, and removing certain calculated fields. You also configure the data model to reference images by using web URLs. (This is Lab 04 in a series of labs which explore self-service BI with Excel 2013 and Office 365 Power BI. If you plan to complete all of the labs, we recommend that you complete them in the order in which they were designed, although the labs can be completed in any order you choose.)	Peter Myers	Hall 7 ILL Room 1
29 Oct 2014	15:15-16:30	Instructor-led Lab	EM-IL400	Troubleshooting Active Directory Lingering Objects	Widely known as the gift that keeps on giving, lingering objects never really go away unless a comprehensive removal solution is implemented. These little buggers are commonly found to be the root cause of many Exchange, Lync and core AD DS service outages. Many outages are resolved after some lengthy troubleshooting only to find the issue return weeks later. In this five DC, three-domain lab environment you work through one of the most challenging Active Directory replication problems seen by customers globally: Lingering object identification and cleanup. In this lab you are given everything needed to eradicate lingering objects from your customer's environment. Included free of charge: all the tools, background information and time-saving techniques needed to save the day on your next lingering object-induced Active Directory outage. We work through the symptom, cause, and resolution phases of lingering object troubleshooting. Several scenarios and cleanup methods are used along with a full description of when alternate cleanup methods are needed in the comprehensive lab guide.	Justin Turner	Hall 7 ILL Room 3
29 Oct 2014	17:00-18:15	Breakout	CDP-B216	Data Protection in Microsoft Azure	It's your data—regardless of whether it's stored on premises or in Azure. Learn more about how Azure helps enforce data privacy and integrity throughout the information lifecycle. This session details the mechanisms for encryption, secrets administration, and access control that you can leverage for managing sensitive data in Azure. Benefit from detailed guidance on how to use features in the Azure platform to protect critical enterprise data in the cloud, whether structured or unstructured, in-transit, or at-rest.	h Barde; Thomas Kr	Hall 8.1 Room J
29 Oct 2014	17:00-18:15	Breakout	CDP-B319	Building Disaster Recovery-as-a-Service: New Opportunities for Service Providers with the Azure Pack and Azure Site Recovery	In this session, we show how Hosting Service Providers can build premium Disaster Recovery offerings using Microsoft Azure Site Recovery. DR is a premium business opportunity and we show examples of how Azure Site Recovery enables it for Hosters. Hear first-hand from one of our premier Cloud OS Network Partners from Finland, Tieto, as they talk about how they built a brand new go-to-market Disaster Recovery service offering using Azure Site Recovery.  We go into the details of different deployment models that are enabled with Azure Site Recovery for a Hoster. We also demonstrate a few brand new capabilities including Azure Pack integration, DR to Azure capabilities for Hosters, and the new Azure Site Recovery PowerShell and SDK that Hosters can leverage to build custom integration. If you are Hoster looking for a new business opportunity using a bleeding-edge Microsoft Azure hybrid service, or a System Integrator working with Hosters, this is the session for you.	el Downing; Gaurav	Hall 8.0 Room B4
29 Oct 2014	17:00-18:15	Breakout	CDP-B352	Stretching Failover Clusters and Using Storage Replica for Disaster Recovery in the Next Release of Windows Server	Delivering business continuance involves more than just high availability, it also includes disaster recovery. In this session we discuss the new Storage Replica feature introduced in Windows Server Technical Preview, to include architecture, requirements, and demos. Along with our new stretch cluster option, it also covers use of Storage Replica in non-clustered server-to-server scenarios. Are you ready to synchronously replicate some data blocks and protect your investments?	Ned Pyle	Hall 8.1 Room L

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
29 Oct 2014	17:00-18:15	Breakout	CDP-B360	An Overview of Windows PowerShell Desired State Configuration	Are you paying attention to DevOps? Adoption of DevOps practices can greatly improve your company's deployment efficiency. PowerShell Desired State Configuration (DSC) helps teams take the management of their Windows-based infrastructure into the DevOps space by capturing their infrastructure as "code". The declarative PowerShell model enables autonomous, idempotent, and transparent configuration and deployment of Windows infrastructure and components. Capturing infrastructure as "code" is not only a means to manage what they have, at scale and speed, it is also a way to decouple the complexity of their existing environment in order to facilitate a migration to the cloud. Come see how DSC works and how you can use it to make configuration of internal applications, databases, and other infrastructure elements more efficient.	ay; Mike Baukes; Ry	Hall 8.1 Room G
29 Oct 2014	17:00-18:15	Breakout	CDP-B372	TWC   How You Can Hack-Proof Your Clients and Servers in a Day	In a demo-oriented session, two acknowledged Enterprise Security MVPs share their insights about security tools and features built in the Windows platform, and how you can utilize these tools and features to build and strengthen security in your Windows environment. This session gives you knowledge and insights about the most current discussions about security in the Windows ecosystem. We share real-life experience from many years in the field and cover features like Dynamic access control, Virtual Smart Cards, Secure Boot, DirectAccess, IPSEC Enhancements, Claims Based Authorization, Improved security audit, Managed Service Accounts, how to mitigate passing-the-hash attacks, and more.	Alshakarti; Marcus	Hall 8.0 Room C1
29 Oct 2014	17:00-18:15	Breakout	DBI-B316	EMBARGO on Oct27: Introducing Azure Stream Analytics: Processing on Near-Realtime Data	Vast amounts of data are flowing at high velocity over the wire today. Organizations that can process and act on this data in real time can dramatically improve efficiencies and differentiate themselves in the market. Scenarios of real-time stream analytics can be found across all industries: personalized real-time stock trading analysis and alerts offered by financial services companies; real-time fraud detection; data and identity protection services; reliably ingesting and analyzing data generated by sensors and actuators embedded in physical objects (IoT); web click stream analytics; and CRM applications issuing alerts when customer experience within a time frame is degraded. Businesses are looking for the most flexible, reliable, and cost effective way to do such real-time event stream data analysis to succeed in the highly competitive modern business world.  Come learn about Microsoft Azure Stream Analytics, a fully managed real-time stream computation service hosted in Microsoft Azure, that provides highly resilient, low latency, and scalable complex event processing of streaming data. Azure Stream Analytics enables developers to easily combine streams of data - such as click-streams, logs, metering data or device-generated events - with historic records or reference data to derive business insights easily and quickly. Integrated with Azure Event Hub for easy ingestion, and Azure Storage and Azure Database for easy consumption, Azure Stream Analytics pipelines can power dashboards, detect anomalous conditions, as well as drive real-time decisions.	anjan Banik; Judy Me	Hall 8.0 Room F1
29 Oct 2014	17:00-18:15	Breakout	DBI-B319	Improving Power Pivot Data Models for Microsoft Power BI	Power BI offers many tools to explore a data model created in Power Pivot, such as Excel, Power View, and Q&A. You can improve the user experience and the accessibility of information by creating the data model in a proper way. In this session, learn the best practices in data modeling for Power Pivot in order to improve the browsing experience in Microsoft Excel and Power View. See how important is to name tables in the correct way, to define the correct set of relationships and how to use good synonyms so that Q&A can provide the right answer to user's questions. If you do not follow the best practices, you might end up with an approach that is good for Excel and Power View but that does not perform as well with Q&A. This session clarifies these issues and guides you to the correct set of choices.	Marco Russo	Hall 8.0 Room F4
29 Oct 2014	17:00-18:15	Breakout	DEV-B224	Architecting Secure Microsoft .NET Applications	With security attacks on the rise, protecting your applications and data is more of a necessity than ever before. We discuss some of the features provided by Visual Studio and the .NET Framework, such as Dotfuscator, SignTool, and other security tools. In addition, we look at other protective measures such as early intrusion detection, mitigation, and proper coding practices. These are topics not typically covered in other security presentations, making this a unique and valuable presentation.	Sam Nasr	Hall 8.0 Room D4
29 Oct 2014	17:00-18:15	Breakout	DEV-B313	Applying CQRS and Event Sourcing in Microsoft .NET Applications	When you use the Event Sourcing pattern in a .NET application, your data source just consists of persisted events. You don't likely have a classic relational data store; all you store are events, and you store them sequentially as they occur in the domain. As you can guess, persisting events instead of a domain model has a significant impact on the way you organize the back end of the system. Event persistence works well with a strategy of separating the command and query stacks (CQRS), and with the idea that distinct databases are used to save the state of the application and expose it to the presentation layer. When you add ES to a system, you just change the structure and implementation of the data source. In this talk, we just develop a mini-ERP application that works out of distinct command and query stacks and persists just events. We also discuss how to rebuild state from events and see when replaying events is an option and when you'd better use up-to-date or partial data snapshots. Overall, this session presents a concrete example of a cutting-edge application architecture that for its inherent simplicity and maintainability is gaining momentum whether you have a complex business scenario to scale out or a just a CRUD system a bit more sophisticated than plain CRUD.	a Saltarello; Dino Es	Hall 8.0 Room B1
29 Oct 2014	17:00-18:15	Breakout	DEV-B326	Decomposing AngularJS	If you look inside the AngularJS source code, you will see a comment starting with "Insanity Warning". This comment is in regards to some of the code that handles Angular's databinding. Is it really that complicated? Well, it isn't simple, however, in this talk, you will see a simplified version of Angular's databinding system being built and explained, giving you an intimate understanding of how it works. It aims to explain why some of the things you are doing won't work, and why some will. Unless you have been through the innards of Angular already, what you'll see in this session will help you build better applications, as well as solve issues a lot faster.	Chris Klug	Hall 8.0 Room B2

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
29 Oct 2014	17:00-18:15	Breakout	DEV-B329	Deep Dive into Hidden Gems, Tips and Tricks for Microsoft Azure Websites	A great developer experience has been a cornerstone of Azure Websites. We also go into depth about continuous deployment, unit testing and integration with customized web hooks. How to build custom website extensions and surface these in our new Extensions Gallery that can add custom features to your sites. We cover other great features including opening a remote console shell, live streaming your site trace from the command line or Visual Studio and much more. Azure Websites has a lot of hidden treasures to offer for those in-the-know. This session is your chance to deep dive into the developer experience of Azure Websites.	Ahmed ElSayed	Hall 8.0 Room E7
29 Oct 2014	17:00-18:15	Breakout	DEV-B338	Better Together: Using Team Foundation Server and Visual Studio Online to Increase Agility	Team Foundation Server has customizable workflows, enterprise level reporting, and incredible scalability. Visual Studio Online has elastic load testing, Application Insights and deep integration with Microsoft Azure. The perception is that enterprises have to choose one or the other, but it's not true. You can leverage both together for even more power. In this session we walk through the key scenarios for both Team Foundation Server and Visual Studio Online, discuss their strengths and weaknesses, provide criteria for when to pick one INSTEAD of another, and finally demonstrate how Team Foundation Server and Visual Studio Online can work together to solve difficult enterprise problems.	Steven Borg	Hall 8.0 Room E1
29 Oct 2014	17:00-18:15	Breakout	EM-B318	Free Your Apps: Introducing Microsoft Azure Active Directory Application Proxy and Windows Server Web Application Proxy	One of the challenges of enabling work from anywhere is being able to make on-premises corporate IT resources accessible from the Internet while making sure that associated risk is controlled effectively. Microsoft introduces two conditional access solutions: Azure Active Directory Application Proxy and Windows Server Web Application Proxy. Both of them allow IT admins to enable secure access to web applications and services that sit on premises from devices and clients outside the boundaries of the corporate network, which sometimes are not controlled by—or even belong to—corporate IT, and are not domain joined. Learn how Azure Active Directory Application Proxy offers a complete solution with the other Azure Active Directory features and minimal deployment footprint. After this session you will understand how it addresses your concerns of enabling productivity from anywhere in an easy and secure way.	iciz; Meir Mendelovi	Hall 8.0 Room F5
29 Oct 2014	17:00-18:15	Breakout	EM-B320	Securing Mobile Device Access to Corporate Resources with Intune	Mobile device management is all about IT pros getting end users up and running as quickly as possible, while maintaining control over corporate resources. In BYOD scenarios, IT pros face additional challenges due to the breadth of devices that end users want to use. Come to this session to learn how Intune and System Center Configuration Manager makes it easy to manage all of your Windows, Windows Phone 8, iOS, and Android devices with a single pane of glass. We walk you through how to easily configure devices for your users by pushing Wi-Fi, VPN, certificate, and email profiles as soon as they are enrolled. We also show you how to use conditional access policies to ensure that only devices that are fully managed and compliant with your policies are able to access corporate resources.	Dilip Radhakrishnan	Hall 8.0 Room E9
29 Oct 2014	17:00-18:15	Breakout	OFC-B217	Interactive Storytelling with Microsoft Office	We all have stories to tell, both personal and professional. As the amount of information we have access to continues to grow, our need to easily capture, collect, organize, visualize, and share it is bigger than ever before. This session is about how Office and Office 365 provide new end-to-end ways to tell stories and communicate your ideas in innovative, compelling, cloud-first and mobile-first ways. Products covered include Office Sway, Office Lens, OneNote, Excel, Power BI for Office 365, and Office Mix.	Schorr; David Alexan	Hall 8.0 Room D3
29 Oct 2014	17:00-18:15	Breakout	OFC-B227	Office 365 Service Management Excellence	Service Management excellence is at the core of the Microsoft Office 365 experience. This session is designed to show you the power of a multi-tenant cloud productivity service. This session gives you top tier Office 365 Service Management knowledge and insights from change management, service incidents, and support.	Andrea Huysing	Hall 8.0 Room D1
29 Oct 2014	17:00-18:15	Breakout	OFC-B312	Data Loss Prevention in Office 365: Prevent That Oops Moment!	Accidentally sent that important sensitive mail? Looking to save that Oops moment? Come get educated about how Office 365 Data loss Prevention works and learn how Microsoft is committed to bring this capability across the Office suite of services. DLP enables you to identify, monitor, and protect sensitive information in the organization. Learn how the rich DLP functionality seamlessly integrates into Microsoft Exchange, Outlook, and OWA and SharePoint, providing context user education and information protection. In addition, we also cover a wide range of topics such as policy tips, policy rules, document fingerprinting, incident reporting, etc.	hi; Jack Kabat; Shobl	Hall 8.1 Room K
29 Oct 2014	17:00-18:15	Breakout	OFC-B324	Microsoft Lync Server 2013 High Availability and Disaster Recovery Deep Dive	In this session, we discuss the difference between high availability and disaster recovery, and how Lync Server 2013 addresses these scenarios. This includes a deep dive into the Windows Fabric with Lync, SQL Mirroring, and Pool Pairing architecture, as well as implications when virtualizing the Lync platform.	Korneel Bullens	Hall 8.0 Room F7
29 Oct 2014	17:00-18:15	Breakout	WIN-B210	Kinect with People and the Real World	Microsoft Kinect for Windows v2 lets you use innovations you have seen from Xbox One to enable your own world with a megatrend, human-centric-computing. Natural User Interfaces (NUI) are at your doorstep with the rich capabilities of Kinect for Windows V2. Understand those capabilities to deliver new user experiences to your users. This demo-heavy session gives you an idea about what is possible in your own apps now and will open your mind for the future. While this is not a coding-focused session, it provides pointers to software developers to get started.	Andreas Erben	Hall 8.1 Room H
29 Oct 2014	17:00-18:15	Breakout	WIN-B335-R	Windows 10: User Experience (repeated from 28 Oct at 13:30)	Coming Soon!	Brad McCabe	Hall 8.1 Room I
29 Oct 2014	17:00-18:15	Breakout	WIN-B337	Windows 10: The End Game for Passwords and Credential Theft?	Credential theft has become a crisis for organizations worldwide and so far the industry has really just been "talking" about moving to better solutions. The solutions that have been made available so far are typically just an incremental step towards the actual end game solution or are too complex or expensive to deploy. The "talk" ends with Threshold, which delivers the end game solution; one that is easy to deploy, always multi-factor, theft and phish proof, interoperable on premises and on the web, and so inexpensive that there is almost no excuse to not take advantage of it. Come join us to learn about how Threshold can help solve the credential theft crisis that you are facing.	Chris Hallum	Hall 8.0 Room A2

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
29 Oct 2014	17:00-18:15	Instructor-led Lab	CDP-IL200	Introduction to App Development on Microsoft Azure: The Basics	In this lab, you build a simple web application and database from scratch and learn about both application development basics of client side HTML, CSS and JavaScript, server side web API code and the underlying Azure web, database and identity infrastructure. If you don't know anything about development, or have not done any modern app development and you want to combine this with learning about application infrastructure on Azure, this ILL is for you.	Tony Meleg	Hall 7 ILL Room 1
29 Oct 2014	17:00-18:15	Instructor-led Lab	CDP-IL207	Azure Pack Overview	The Azure Pack is a collection of Microsoft Azure technologies available to Microsoft customers at no additional cost. Once installed in your datacenter, the Azure Pack integrates with Microsoft System Center and Windows Server to help provide a self-service portal for managing services such as websites, Virtual Machines, and Service Bus; a portal for administrators to manage resource clouds; scalable web hosting; and more. In this lab, first walk through the Tenant User experience - consuming WAP plans, implementing Web Sites, Virtual Machines and Virtual Machines Roles, Virtual Networking and Databases, as well as customized the subscriptions for your usage. Next, explore the Service Administration and look at the engine behind WAP. Explore Web Site Clouds, VMM integration and IaaS Clouds, both SQL and MySQL Cloud offerings as well as other features such as administration, plan/subscription setup, and usage reporting. Finish by looking at the architecture of a WAP deployment and how it is built on Windows Server 2012 R2 and System Center 2012 R2.	Mourad; Shriram N	Hall 7 ILL Room 2
29 Oct 2014	17:00-18:15	Instructor-led Lab	EM-IL203	Windows Server 2012 R2: New Features in Active Directory Federation Services	Active Directory Federation Services (AD FS) uses claims-based authentication to provide users with single sign-on (SSO), web-based access to resources, whether located internally, in a federated partner organization, or in the cloud. In Windows Server 2012 R2, AD FS offers a number of new capabilities, including device registration (Workplace Join) for device authentication and SSO, enhancements for multi-factor authentication to manage risk, unified and simplified customization of the sign-in experience, and the ability to offer a user password change capability when using a registered device. In this lab, configure AD FS to enable Workplace Join, configure a relying party trust, configure the Web Application Proxy server role to enable AD FS access for external clients, customize the AD FS sign-in page to improve the user experience, enable user password change for registered devices, and configure multi-factor authentication.	Andrew McMurray	Hall 7 ILL Room 3
30 Oct 2014	08:30-09:45	Breakout	CDP-B209	Designing Hybrid Scenarios with Microsoft Azure	Leveraging the public cloud in conjunction with on-premises is key for the enterprise IT. Come and learn how to build hybrid scenarios with Azure in this session. We cover typical hybrid scenarios with Azure and have a discussion around technical considerations.	inivasan; Narayan A	Hall 8.0 Room B2
30 Oct 2014	08:30-09:45	Breakout	CDP-B247	VMware to Microsoft Migration: Solutions Overview	In this session, we take a look at a number of tools, from both Microsoft and Partners, that can enable you to migrate your workloads from your VMware vSphere platform, over to Hyper-V, or Microsoft Azure. We look at tools such as the Microsoft Virtual Machine Converter and the Migration Automation Toolkit, along with the new Migration Accelerator, and cover Partner offerings from 5nine, NetApp, NetIQ, Xtreme Consulting and Vision Solutions. If you're thinking about switching, this is the session for you!	Matt McSpirit	Hall 8.1 Room L
30 Oct 2014	08:30-09:45	Breakout	CDP-B316	Best Practices for Deploying and Operating Virtual Machine Manager at Datacenter Scale	System Center Virtual Machine Manager is the foundation for Microsoft's Private Cloud. This session outlines the new investments in Virtual Machine Manager and covers the Microsoft-recommended way to deploy VMM. We share what we've learned in our internal testing and deployments. We also provide recommendations for different sizes of datacenters and share tips and tricks on how to operate VMM using the new features.	heng Wei; Vijay Tew	Hall 8.0 Room E9
30 Oct 2014	08:30-09:45	Breakout	CDP-B320	Building Secure Live Streaming Workflows for Broadcasters and Enterprises	Starting with a technical overview of our World Cup success, we walk through the setup a live streaming workflow for a live mid-tier event or enterprise webcast and also leverage our content guard suite of DRM offerings.	son Suess; Martin W	Hall 8.0 Room E7
30 Oct 2014	08:30-09:45	Breakout	CDP-B364	How to Develop a Successful Hybrid Cloud Strategy	We have talked to hundreds of IT professionals in the top enterprise IT organizations in the world who are either deploying or in the planning phase to build a private, public, or hybrid cloud. In this session, we share what was learned, including the common requirements, roles, and processes to be successful in the planning and deployment of a comprehensive hybrid cloud strategy. We discuss the problems and roadblocks an IT organization faces on their journey to provide an efficient, automated, elastic, and self-service set of business-relevant services. Finally, we explain at the conceptual level the strategy of using the Microsoft offerings of Windows Server 2012 R2, System Center 2012 R2, and Microsoft Azure to build a private and/or hybrid cloud.	Eduardo Kassner	Hall 8.1 Room J
30 Oct 2014	08:30-09:45	Breakout	CDP-B370	TWC   CSI: Windows - Techniques for Finding the Cause of Unexpected System Takeovers	OK, so an attacker got into your infrastructure, used server's misconfiguration, created themselves an account and... Exactly! And what? Or maybe you would like to know where to gather information about activities in an operating system. In both cases, this session is for you! This is the moment that we wonder what else could happen beyond what we can see, and if it is possible to trace hacker's activities in our systems. Yes it is! By performing several analyses we are able to get enough evidence of performed malicious actions. This type of monitoring can also be useful when performing the regular investigation of what happened in the system, not only from the attacker's perspective. Come and see what it means to be hacked and that nothing can be completely hidden! During this session, become familiar with tracing system-related situations and how to establish informative monitoring that can alarm you if something goes wrong in your environment. This session is a real deep-dive into the monitoring world so be prepared for a hard-core technical ride!	Paula Januszkiewicz	Hall 8.0 Room C1
30 Oct 2014	08:30-09:45	Breakout	DBI-B213	Deployment and Best Practices for Power BI for Office 365	In this session we explore in detail the different options to deploy Power BI as part of a Microsoft Office 365 deployment. What are the best practices to get as much value as possible as an admin, a data steward, and an end user? Learn how to connect to on-premises data so users can take full advantage of the data catalog capabilities while keeping data secure and governed. We explore the different metrics and settings available to maximize performance and optimize access to the different features and capabilities of the Power BI solution end to end.	uel Llopis; Taylor Cl	Hall 8.0 Room F4
30 Oct 2014	08:30-09:45	Breakout	DBI-B333	Microsoft SQL Server 2014: In-Memory OLTP Customer Deployments and Lessons Learned	We have a number of experiences to share around customer migrations to SQL Server 2014 In-Memory OLTP through working with them in the TAP and Early Adoption programs. This session provide feedback around customers In-Memory OLTP implementations and help provide lessons learned to keep-in-mind as you work with customers on In-Memory OLTP in SQL Server 2014.	Kevin Farlee	Hall 8.0 Room F1

TechEd Europe 2014 Session Schedule

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Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
30 Oct 2014	08:30-09:45	Breakout	DBI-B410	Azure Search Deep Dive	Azure Search is a new search-as-a-service solution in the Azure platform that allows developers to incorporate search capabilities into their applications without having to worry about the complexities of full-text search and without having to deploy or manage any infrastructure. Developers can construct rich ranking models that connect search results to application or business objectives, integrate geospatial capabilities and more without having to become experts in search. In this session we'll go through the capabilities of the service and use various coding demos to show it in action.	Pablo Castro	Hall 8.1 Room I
30 Oct 2014	08:30-09:45	Breakout	DEV-B214	But, Is It Safe? A Closer Look at Visual Studio Online	It's enticing to consider using Visual Studio Online (VSO) to manage your project. Easy to get started, no maintenance or infrastructure to worry about, and quick access for all users from anywhere all sound great—but, is it safe? Join this session to learn about the steps we've taken, along with our partners in Microsoft Azure and SQL, to ensure that your source, work items and the rest of your project are available to you but not the bad guys. This includes proper access management, data classification, change management, disaster recovery, and penetration testing, just to name a few. We also discuss the best practices that we follow at Microsoft as we use VSO for our own projects since security in part depends on end users doing the right thing. Finally, we discuss our certification roadmap and what you can expect from us in the case of a breach.	Jeff Beehler	Hall 8.0 Room F5
30 Oct 2014	08:30-09:45	Breakout	DEV-B309	Deep Dive into the Office 365 RESTful APIs	This session dives deep into the available scenarios when using the OneDrive for Business, Calendar, Mail, Contacts, and Sites services in the Microsoft Office 365 APIs. These Office 365 APIs can be called by any standalone web application or mobile device application. There are built in Visual Studio wizards, in the majority of Project Templates, to connect to them—which handles all of the authentication flow and class libraries that help to call them. In this session, gain an understanding of the Microsoft Azure Active Directory authentication flow. Learn how to get started and work with the services, and see how to implement these services in real-world scenarios in your own web applications.	Rob Howard	Hall 8.0 Room D3
30 Oct 2014	08:30-09:45	Breakout	DEV-B311	Advanced XAML Techniques to Super-Charge Your User Experience	Windows Presentation Foundation (WPF) developers, Microsoft Silverlight developers, Phone developers, and Windows developers all use XAML to build stunning user experiences. With the best platform, framework, and tooling, XAML developers have the sky as their limit. But what if there was even more? Come investigate advanced XAML techniques to super-charge your user experiences.	Jon Shaver; Jerry Nixon	Hall 8.0 Room E1
30 Oct 2014	08:30-09:45	Breakout	DEV-B344	The Future of Microsoft .NET on the Server	Join Microsoft's "Lesser Scott" as he introduces you to new thinking around ASP.NET and the .NET Framework. What does ASP.NET look like in 2014 and beyond? In a world of NuGets and modular frameworks, of lightweight VMs, how could ASP.NET change and get faster, leaner, meaner, and more. The next version of ASP.NET is fully open source and available on GitHub. The next version of ASP.NET is currently in preview, and in this talk Scott puts it all into context. These apps can use a cloud-optimized subset of the .NET Framework. You don't have to use Visual Studio to develop ASP.NET applications. You can develop and run this version on platforms that Visual Studio doesn't run on. But Visual Studio provides the best development experience, and we cover the next version of ASP.NET both inside and outside the IDE.	Scott Hunter	Hall 8.1 Room G
30 Oct 2014	08:30-09:45	Breakout	EM-B314	BYOD for File Server Home Folders: Understanding, Deploying and Managing Work Folders in Windows Server 2012 R2	Work Folders allows you to leverage your investment in File Servers while simultaneously providing end users with anywhere access to their data from their work PC as well as their personal devices. In this session, learn about the challenges IT faces in a BYOD (bring your own device) world and how we're helping you embrace this trend securely. Learn how to deploy and manage Work Folders servers and clients, gain an understanding of how Work Folders operates end-to-end and integrates into your existing infrastructure, and how Work Folders takes advantage of capabilities like multi-factor authentication, Workplace Join and Selective Wipe to ensure that corporate data remains secure wherever it goes.	Brian Uhse; Gene Chelmsford	Hall 8.0 Room B4
30 Oct 2014	08:30-09:45	Breakout	EM-B324	VDI Deployment Walkthrough	This session reviews what VDI is, how it is enabled and supported by the capabilities of Windows Server 2012 R2, options and alternatives for deployment (Remote App, Remote Desktop, pooled VMs versus dedicated), and the guidance needed to discuss remote hosted desktop solutions with customers, as well as how to successfully create and design basic VDI solutions. Topics include common deployment steps and gotchas including those related to networking setup, sysprep, storage, and other considerations.	Chris Emrich; Tiberiu Rucanu	Hall 8.0 Room B1
30 Oct 2014	08:30-09:45	Breakout	OFC-B224	Office 365 Deployment for SMB	Microsoft Office 365 Deployment for Small and Medium Business is a unique challenge; every environment is extremely unique and are often coming from a variety of backgrounds and starting points. This session covers all things SMB deployment, from what products and solutions small businesses are buying, to the top issues experienced in SMB deployments and solutions to them. Come learn about unique small business deployment challenges and our recommended approach to them, whether you are a small business, under 150 seats, looking to learn the process in a nutshell of migration and deployment, or a partner exploring Microsoft resources and third-party tools.	Marisa Salazar	Hall 8.0 Room D4
30 Oct 2014	08:30-09:45	Breakout	OFC-B228	Office 365 ProPlus Deployment Methodologies: Working through Office 365 ProPlus Monthly Updates	Does C2R really work with existing deployment tools? Let's spend 75 minutes showing Click-to-Run working within other deployment platforms. We know user self-installation isn't really what an end user would do, so let's show how we can install on behalf of the user like a normal Office deployment, fully-automated and completely offline. We'll get Microsoft Deployment Toolkit, System Center Configuration Manager, App-V and Intune to deploy Office Click-to-Run and talk about the software update options to control that process and use as little network bandwidth as possible. Got distributed end users with a tiny pipe to your distribution points and infrequent VPN connectivity? We also have cool new options to cover that with full control. We'll spend most of the time in demos building this stuff out and getting our hands dirty on stage.	Martin Nothnagel	Hall 8.0 Room D1
30 Oct 2014	08:30-09:45	Breakout	OFC-B325	Microsoft Lync Server 2013 Security Aspects: Secure by Design	Lync Server 2013 is developed as secure by design. This session covers how a secure infrastructure design can be archived with Lync Server 2013. Learn which aspects of Lync 2013 security need to be understood and can be implemented, from TLS up to application firewall and IP layer 7 traffic inspection. Understand the differences between the internal and external security model in Lync and how external access for high security environments can be fulfilled. After this session you'll be able to understand, explain, and design a Lync 2013 solution matching all customer security requirements.	Thomas Poett; Zahid Saad	Hall 8.0 Room F7

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
30 Oct 2014	08:30-09:45	Breakout	WIN-B321	Deploying Solutions for Windows Phone 8.1 in the Enterprise	Deploying Windows Phone 8.1 requires preparation and a supporting infrastructure. During this session we cover the common enterprise scenarios and design patterns for a Windows Phone 8.1 supporting infrastructure based on real deployments. We cover solution components such the certificate infrastructure (SCEP, S/MIME, VPN, Wireless, VSC, etc.), Remote Access Solutions (VPN and WAP), and the MDM options. This session also includes demos of end-to-end scenarios, common pitfalls and lessons learned to prevent surprises in your Windows Phone deployments.	Tren Hall; Roel Schell	Hall 8.1 Room K
30 Oct 2014	08:30-09:45	Breakout	WIN-B336-R	Windows 10: Disrupting the Revolution of Cyber-Threats with Revolutionary Security! (repeated from 28 Oct at 15:15)	Disrupting the revolution of cyber-threats requires a platform with revolutionary security capabilities and Threshold is rising to the occasion. In this session we talk about technologies that can truly end the use of passwords and make multi-factor authentication the default, provide an easy-to-use and deploy data loss prevention (DLP) capability right in the platform, and technology that enables organizations to virtually eliminate malware threats to the Windows platform including those that come by way of the browser.	Chris Hallum	Hall 8.0 Room A2
30 Oct 2014	08:30-09:45	Instructor-led Lab	CDP-IL306	Managing Your Storage with System Center 2012 Virtual Machine Manager	This lab provides an overview of Virtual Machine Manager for managing storage within your infrastructure.	John Blevins	Hall 7 ILL Room 2
30 Oct 2014	08:30-09:45	Instructor-led Lab	EM-IL303	Managing Microsoft Software Updates in System Center 2012 R2 Configuration Manager	System Center 2012 R2 Configuration Manager has just been released. One of the most commonly used features of Configuration Manager is for managing patching of client computers. Configuration Manager 2012 offers great capabilities for managing software updates, and Configuration Manager 2012 R2 extends that feature set with maintenance windows that are dedicated to software update deployment, as well as additional capabilities for automatic deployment rules. In this lab, complete an end-to-end implementation for managing software updates in Configuration Manager 2012 R2.	Scott Brimley	Hall 7 ILL Room 3
30 Oct 2014	08:30-09:45	Instructor-led Lab	WIN-IL201	Deploying Windows 8.1 with Microsoft Deployment Toolkit 2013	In this lab, create a deployment share in Microsoft Deployment Toolkit 2013, add Setup files, create task sequences, and configure deployment share settings. Learn how to import and work with drivers, and then deploy a pre-created Windows 8.1 image in production using MDT 2013.	Kyle Rosenthal	Hall 7 ILL Room 1
30 Oct 2014	10:15-11:30	Breakout	CDP-B298	Converged Systems Engineered for Microsoft Windows Server	Overview of the joint portfolio of SQL based solutions, with a particular focus on the CS300 Analytics Platform and the OLTP offerings.	gen Fuks; Stephan Sc	Hall 8.0 Room E7
30 Oct 2014	10:15-11:30	Breakout	CDP-B312	Microsoft Azure Active Directory Premium, in Depth	In this demo-heavy session we present in depth the most significant capabilities of Azure Active Directory Premium, the advanced hybrid identity and access management cloud solution of Microsoft. Self-Service Password reset with write-back to on-premises directories, Group Management Delegation, Machine learning-based Security and Usage reports, license assignment via UI and PowerShell and more. Let's go deeper on these popular capabilities to understand their architecture and how they can be configured, enabled and used	Eran Dvir	Hall 8.1 Room L
30 Oct 2014	10:15-11:30	Breakout	CDP-B328	Microsoft Migration Accelerator and Microsoft Azure Site Recovery Using InMage Scout	Organizations of all sizes are now able to afford Disaster Recovery-as-a-Service (DRaaS) powered by Azure Site Recovery (ASR) with InMage Scout. This session provides the business and technical details of DRaaS to expand your understanding of ASR with InMage Scout. It empowers you as a Microsoft service provider partners to give your customers a range of solution options, including Migration-as-a-Service (MaaS). With MaaS, our partners can help customers migrate on-premises physical servers or virtual machines on any virtualization platform, or even on third-party clouds like Amazon Web Services to Microsoft Azure for a variety of use cases like development and testing, analytics and reporting.	Daga; Murali Kadala	Hall 8.0 Room D1
30 Oct 2014	10:15-11:30	Breakout	CDP-B333	Extending Your Network to Microsoft Azure Using ExpressRoute	ExpressRoute is a new way to connect your customers networks to Microsoft Azure—a direct pipe into Azure that opens up a number of new scenarios because Azure truly can be a secure, private, and very fast extension of your customers' data centers. In this session, learn all about ExpressRoute, see it in action, and understand the new scenarios it enables and how some customers are already taking advantage of it.	sh Srinivasan; Jon O	Hall 8.0 Room B2
30 Oct 2014	10:15-11:30	Breakout	CDP-B365	Hybrid Cloud Solutions with Microsoft Azure: For Architects	Microsoft Azure enables you to create solutions composed of services running in your own data center as well as in the public cloud. Forming a hybrid cloud solution, these services can be integrated in a variety of different ways including Virtual Private Networks, Service Bus Messaging, or BizTalk Hybrid Connections. In this session, learn about the different options for creating such hybrid solutions with Microsoft Azure. Gain a clear understanding of the preferred scenarios for each option as well as the consequences and implications when adopting those. The session includes many practical examples demonstrating hybrid cloud solutions based on real-world experience collected with software vendors across the globe!	Mario Szpuszta	Hall 8.1 Room G
30 Oct 2014	10:15-11:30	Breakout	CDP-B373	TWC   Malware Hunting with Mark Russinovich and the Sysinternals Tools	Mark provides an overview of several Sysinternals tools, including Process Monitor, Process Explorer, and Autoruns, focusing on the features useful for malware analysis and removal. These utilities enable deep inspection and control of processes, file system and registry activity, and autostart execution points. He demonstrates their malware-hunting capabilities by presenting several current, real-world malware samples and using the tools to identify and clean malware.	Mark Russinovich	Hall 8.0 Room C1
30 Oct 2014	10:15-11:30	Breakout	CDP-B381	Preparing Your Server Roles and Infrastructure for Windows Server 2003 End of Support	Windows Server 2003 reaches end of support on 14 July, 2015. Are you prepared? This demo-intensive session covers the tools and the processes that enable you to migrate various workloads and foundation services like Active Directory, DHCP, DNS, Web, and others.	w; Rick Claus; Vaness	Hall 8.0 Room D4
30 Oct 2014	10:15-11:30	Breakout	CDP-B416	Azure Pack Extensibility	Azure Pack (WAP) for Windows Server enables the Microsoft Cloud OS vision by providing a consistent datacenter platform and DevOps scenarios regardless of target cloud environments. This session focuses on the key tools needed for Panel/Billing integration.	Jones; Shriram Nata	Hall 8.1 Room K
30 Oct 2014	10:15-11:30	Breakout	DBI-B315	Microsoft Azure SQL Database Performance and Scale Out Deep Dive	Join this session to learn about the latest investments in the performance and business continuity capabilities in Azure SQL Database. We cover in detail the newly introduced concepts and demonstrate how and when to apply the new capabilities for predictable performance and scale out into the design of modern mission-critical applications.	ngelsberg; Joseph Id	Hall 8.0 Room F1

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
30 Oct 2014	10:15-11:30	Breakout	DBI-B321	Making the Most of Machine Learning End-to-End	In this session we go end-to-end to construct a machine learning web service using Microsoft Azure Machine Learning (ML). The session begins by reading in a data set from Azure blob storage and a second data set from a public website. Together we use Azure ML to clean the data set, explore the data, create and select features in the data set, then evaluate several different machine learning algorithms to select the optimal model to put into production as a machine learning web service. Along the way we discuss features of Azure ML, such as imputing missing values in the data set, running arbitrary R script to compute statistics and create features, to get a broad view of the functionality available to a data scientist using Azure ML.	Parmita Mehta	Hall 8.0 Room F4
30 Oct 2014	10:15-11:30	Breakout	DEV-B314	ASP.NET Identity	ASP.NET Identity is a totally rewritten framework that brings the ASP.NET membership system into the modern era. ASP.NET Identity makes it easier to integrate different authentication systems such as local username, password as well as social logins such as Facebook, Twitter etc. It also gives you greater control over persisting data to your backend technology of choice. ASP.NET Identity is a game changer by bringing in more modern authentication systems such as Two-Factor Authentication. You can use ASP.NET Identity to secure Web Apps as well as Web APIs.	Pranav Rastogi	Hall 8.0 Room E1
30 Oct 2014	10:15-11:30	Breakout	DEV-B317	Make Data-Driven Improvements to Your Application with Application Insights	So you know a bit about the Application Insights service but you want to know more. In this session we cover real-world scenarios to help you build available, performant and successful ASP.NET, Windows Store, and Phone applications. This includes tracking custom metrics with the Application Insights SDK for your client or server side code to power A/B tests, Real user monitoring, creating multi-step webtests to test the performance of your site through a load test or to power availability of your end to end transaction, collecting/searching over your log data to solve problems quickly or setting up the perfect visualizations and dashboard so your entire team can get a sense for what your "live site" state is. Regardless of where your app is in the Application Lifecycle it isn't too late to start benefitting from the Application Insight service and take your application to a new level of Availability, performance and success with your customers.	Peter Provost	Hall 8.0 Room F5
30 Oct 2014	10:15-11:30	Breakout	DEV-B325	Debugging Tips and Tricks in Visual Studio 2013	As a developer, regardless of your programming language or the platform that you target, you use the debugger on a daily basis. Come to this all-demo session to learn how to make the most of the Visual Studio debugger, and hence be more productive and effective in your everyday development. We tour almost all of the debugger surface and many of its commands, throwing in tips and tricks as we go along, and also calling out what is brand new in the latest version of the debugger in Microsoft Visual Studio 2013. Whatever your experience level, you are guaranteed to leave with new knowledge of debugger features that you will want to use immediately when you are back at your computer!	Tarek Madkour	Hall 8.1 Room J
30 Oct 2014	10:15-11:30	Breakout	EM-B311	An Insider's Guide to Desktop Virtualization	Ready to drink from a fire hose? In this highly energized session, learn about insights, best practices and hear unfiltered thoughts about Desktop Virtualization, VDI, vendors, and solutions. Discussion topics include: VDWhy, VDCry, VDI Smackdown, building and designing a Microsoft VDI solution, and 3D graphics. Experience the Microsoft and Citrix Virtual Desktop solution with a huge amount of videos and demos. With unique content and insights, this session is fun and packed with great content for everyone interested in Desktop Virtualization—and some nice giveaways. A session you don't want to miss!	Hy Tritsch; Ruben Sp	Hall 8.0 Room A2
30 Oct 2014	10:15-11:30	Breakout	OFC-B313	Data Secrecy, Spam, Virus, Malware Concerns? Office 365 Has You Covered!	Need to send a confidential email/document and protect your information? Struggling with spam, viruses or malware? Learn how Microsoft Office 365 can keep your data secure whether it is data at rest or in transit, with a variety of encryption mechanisms such as RMS, Office 365 Message Encryption, S/MIME, or protecting you against malicious attacks with Exchange Online Protection. We show how different encryption technologies and Exchange Online Protection can be used to keep your data safe and secure.	Hq Sharif; Shobhit Sa	Hall 8.0 Room B4
30 Oct 2014	10:15-11:30	Breakout	OFC-B328	Microsoft Lync Online	Coming Soon.	Tom Arbutnot	Hall 8.0 Room F7
30 Oct 2014	10:15-11:30	Breakout	OFC-B333	Monitoring and Tuning Microsoft Exchange Server 2013 Performance	This session discusses the best methods of performance monitoring and trending for Exchange 2013, including important thresholds to pay attention to. In addition, it covers suggested ways to tune the product for optimal performance.	Jeff Mealiffe	Hall 8.1 Room H
30 Oct 2014	10:15-11:30	Breakout	OFC-B334	Office 365 Compliance and Privacy	When you consider using cloud services for productivity, communication, and collaboration, trust in the cloud service provider is vital. To earn and maintain your trust in Microsoft Office 365, we keep your data secure, help you maintain compliance with industry regulations and privacy of your data. In this session, we share standards and certifications that we meet, our comprehensive approach to compliance, and answer questions about compliance and privacy in the cloud.	J. Schwab; Vijay Kum	Hall 8.0 Room E9
30 Oct 2014	10:15-11:30	Breakout	WIN-B315	Windows To Go: Deployment, Support for BYOD, and What IT Pros Need to Know	Windows To Go made its debut over a year ago with Windows 8. More and more enterprises are testing, trialing, and deploying Windows To Go across a wide range of scenarios like mobile workers or supporting BYOD. Join this exciting session where we guide you through Windows To Go basics, architectures, security implications, deployment wins, and lessons learned from the field.	ew Bettany; Milad As	Hall 8.1 Room I
30 Oct 2014	10:15-11:30	Breakout	WIN-B339	Windows 10: Protecting Your Data with Containers Without Boxing Yourself In	The Windows platform has traditionally had many data loss prevention (DLP) options available to it, but it wasn't until the mobile era that easy-to-deploy and cost-effective solutions would emerge. Solutions from Good Technology, Samsung, Knox and others that use containers and data separation have quickly hit the market but they've achieved almost everything at the expense of the user experience. Users need to switch persona, switch apps, etc. With Threshold, we deliver a fully integrated DLP capability right into the platform, making it easy to deploy, cost effective, and of course easy to use. Come join us to learn about this exciting new technology.	Chris Hallum	Hall 8.0 Room B1
30 Oct 2014	10:15-11:30	Breakout	WIN-B413	Troubleshooting Web App Compatibility	Are web apps holding you back from upgrading to the latest version of Internet Explorer? In this session, learn some troubleshooting tips and tricks, tried and tested approaches to troubleshooting failing web apps. We interactively troubleshoot real-world web apps, giving you tools and techniques for resolving issues quickly so you can upgrade sooner.	Chris Jackson	Hall 8.0 Room D3
30 Oct 2014	10:15-11:30	Instructor-led Lab	CDP-IL204-R	Introduction to Microsoft Azure Virtual Machines (repeated from 29 Oct at 10:15)	In this lab, learn the basics of Azure Virtual Machines and Virtual Networking. Start with spinning up your own VM from the gallery, exploring the features. Create a new VM from a .vhd file—the bring your own VM path many of your customers will use. Configure networking and understand how traffic flows into/out of your VM.	Jason Clarke	Hall 7 ILL Room 1

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
30 Oct 2014	10:15-11:30	Instructor-led Lab	CDP-IL303	System Center 2012 R2: Infrastructure Provisioning	This lab guides you through key Infrastructure Provisioning tasks using System Center 2012 R2 Virtual Machine Manager to provision and configure the private cloud infrastructure, including compute, storage and networking resources, including VMware VMs. In this lab Virtual Machine Manager deploys the fabric, VMs and clusters (including VMware), and then Configuration Manager configures user, software, and compliance settings for the datacenter.	Symon Perriman	Hall 7 ILL Room 2
30 Oct 2014	10:15-11:30	Instructor-led Lab	DBI-IL322	Exploring Power View in Excel 2013	In this lab, explore Power View by creating two visually compelling, and interactive, reports based on an existing Power Pivot data model. (This is Lab 05 in a series of labs which explore self-service BI with Excel 2013 and Office 365 Power BI. If you plan to complete all of the labs, we recommend that you complete them in the order in which they were designed, although the labs can be completed in any order you choose.)	Peter Myers	Hall 7 ILL Room 3
30 Oct 2014	11:45-12:00	Digital Wall Presentation	DW03	Availability for the Modern Datacenter	Virtualization has become a cornerstone of the modern datacenter, with Hyper-V technologies bringing new capabilities to the game. The requirements for availability became higher than ever with Always-On Business being the new operational standard. In this session, learn how to insure data loss avoidance, recover just what you need with multiple high-speed restore options, leverage backups/replicas to get a test environment without additional investment, and gain visibility of your backup infrastructure.	Sia Lebedeva; Mike R	Digital Wall
30 Oct 2014	12:00-13:15	Breakout	CDP-B230	Microsoft Azure Security and Compliance Overview	In this session, you'll learn the fundamentals of Azure security, including threat defense, network security, access control, and data protection as well as the commitments Azure makes to safeguard the privacy of customer data and achieve compliance across a range of regulatory programs. Learn more about our shared approach to security and compliance in the cloud - what our team of security experts do to safeguard the platform and what you can do to safeguard your data, infrastructure, and apps in Azure.	Mark Perry; Sarah Fen	Hall 8.0 Room E9
30 Oct 2014	12:00-13:15	Breakout	CDP-B236	Building a Real-World Hybrid Cloud with Seamless Application Portability	You already know the ingredients: Hyper-V, System Center, Microsoft Azure, and Visual Studio. Now, using real-world customer examples and a comprehensive demo, learn how to weave these technologies together into a practical, end-to-end, turnkey hybrid cloud that powers modern applications. The demo shows you how enterprise IT can create a secure, multi-tenant, policy-driven cloud that spans from your datacenter into Azure. You also learn how application owners and developers can use this cloud to deploy, manage, and seamlessly move Microsoft .NET and Java applications between private and public resources (without code changes!) using a solution from Apprenda and Microsoft.	Michael Michael	Hall 8.0 Room D4
30 Oct 2014	12:00-13:15	Breakout	CDP-B340	Using Tiered Storage Spaces for Greater Performance and Lower Costs	Tiered Storage Spaces enable you to have affordable, reliable, high performance storage using commodity SSDs and HDDs. In this session, learn what Tiered Storage Spaces are and how to deploy them in your datacenter.	Spencer Shepler	Hall 8.0 Room B4
30 Oct 2014	12:00-13:15	Breakout	CDP-B344	Introduction to the New Microsoft Azure Automation Service	In this session, learn how the new Azure Automation service enables you to automate the creation, deployment, monitoring, and maintenance of services in your Microsoft Azure environment using a highly scalable and reliable workflow execution engine. The service can be used to orchestrate the time-consuming and frequently repeated tasks you'd otherwise accomplish manually across Azure and third-party systems to decrease operational expense for your cloud operations. Azure Automation gives you the ability to import or build Windows PowerShell modules to enable integration across Azure and third-party systems; author flexible Windows PowerShell Runbooks to accelerate time to value; and deliver resources faster through automation of manual tasks.	Beth Cooper; Joe Lev	Hall 8.0 Room E1
30 Oct 2014	12:00-13:15	Breakout	CDP-B376	TWC   The Dark Web Rises: A Journey through the Looking Glass!	The TOR Network started life as a military project to bring an anonymous voice to the oppressed. But over the years it has been twisted into a dark place where criminals and hackers lurk and trade in illegal and illicit content. In this disturbing session, join Andy Malone as he takes you on a dark journey inside an internet that you never knew existed. Discover where the bad guys hide, how they trade, and more importantly what you can do to protect yourself from this growing and ever-present threat.	Andy Malone	Hall 8.0 Room C1
30 Oct 2014	12:00-13:15	Breakout	CDP-B411	Building Highly Effective Dashboards in System Center 2012 R2 Operations Manager	This session covers the brand new innovations in the Operations Manager dashboard infrastructure that allows you to build custom dashboards for any audience.	Steve Satterfield; Daniel	Hall 8.0 Room B2
30 Oct 2014	12:00-13:15	Breakout	DBI-B216	Big Compute in the Cloud with High Performance Computing on Azure	Azure enables you to easily cloud-enable and deliver self-service batch and High Performance Computing (HPC) applications. Instead of setting up and managing a cluster, Azure helps you to provision the VMs, schedule jobs, and handle failure. Data dependencies are managed to and from the cloud. Jobs can range from running many iterations of a program, parallel compute using MPI, or multi-step workflows. Job scheduling as a service can be used within your Azure application, and you can manage users and their access to deliver Big Compute software as a service. This session will provide an overview of how HPC is possible with Azure, and we will share several examples of Big Compute applications services.	Max Sutton; Mark Scur	Hall 8.0 Room E7
30 Oct 2014	12:00-13:15	Breakout	DBI-B311	Microsoft Analytics Platform System Deep Dive	The Microsoft Analytics Platform Systems (APS) is Microsoft's foray into on-premises big data appliance business. The appliance has evolved from simply a collection of on-premises servers to an integrated hybrid (on-premises/cloud) appliance that enables customers to gain valuable insight no matter where the data lives. This session dives deep into the Analytics Platform System appliance—covering the architecture, components, and design of the appliance while modeling a real-world customer case.	John Plummer; M	Hall 8.0 Room F4
30 Oct 2014	12:00-13:15	Breakout	DBI-B318	Select * from Azure DocumentDB	Azure DocumentDB is a NoSQL document database service that supports rich adhoc queries, transactional processing of JavaScript logic, and tunable consistency over schema-free JSON data. In this session we explore how to get started with the service, interact with database resources, and how to query and run JavaScript transactions over schema-free data. From queries, index optimizations, and executing logic as stored procedures; you'll come out of this session knowing how to use some of the unique features of the newest Azure database service.	John Macintyre	Hall 8.0 Room F1

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
30 Oct 2014	12:00-13:15	Breakout	DEV-B225	Microsoft Azure Marketplace: Sell and Monetize Your Apps and Services on Microsoft Azure	Develop a new sales channel for your apps and services in the Microsoft Azure Marketplace. The Microsoft Azure Marketplace brings the quality, choice, and strength of the Microsoft Azure partner ecosystem to customers. Customers can easily discover, evaluate, and purchase apps and services from an evolving ecosystem, which complements and extends the Microsoft Azure Platform. In this session, join us to learn more about how to use the Microsoft Azure Marketplace to sell and monetize your apps and services in the cloud, including new and enhanced features and capabilities. We also demonstrate how the Microsoft Azure Marketplace simplifies and unifies the application management experience by enabling customers to easily configure, purchase, and manage your apps and services.	ra; Bryon Surace; Ky	Hall 8.1 Room H
30 Oct 2014	12:00-13:15	Breakout	DEV-B303	The Power of Lync and the Unified Communications Web API	The Unified Communications Web API is the key API of the Microsoft Lync platform. It was created four years ago to be ready for the mobile and web world, and eventually be the central interface to deployments on premises as well as online. This session explains the fundamentals of this API that is based on the principles of REST and Hypermedia. In the session we walk through the libraries provided on <a href="http://ucwa.lync.com">http://ucwa.lync.com</a> as well as the object model for JavaScript applications (a.k.a. jLync) and show sample implementations of UCWA on platforms ranging from the low-end (like Raspberry Pi or Google Glass) to web applications (using JavaScript and HTML5), to mobile applications (using C#). We conclude the session with a 101 on troubleshooting and debugging of UCWA apps.	Newman; Ganesh Sri	Hall 8.0 Room F7
30 Oct 2014	12:00-13:15	Breakout	DEV-B308	Transforming Your SharePoint Full Trust Code to the SharePoint App Model	This session is full of demos and real-life practices showing how the typical intranet or collaboration customizations can be achieved using app model patterns. We show different proven patterns to build and maintain SharePoint sites in the cloud or on premises using only app patterns. We build typical intranet, OneDrive and collaboration customizations "from scratch" to demonstrate the different patterns for achieving the typical SharePoint customizations without classic SharePoint full trust code. Understand the key migration scenarios from FTC to App Model. Learn how to navigate the Office AMS repository for your own migration projects, and see how you can build out a scenario using different patterns.	re Walker; Vesa Juvo	Hall 8.0 Room D3
30 Oct 2014	12:00-13:15	Breakout	DEV-B315	Async Best Practices for C# and Visual Basic	The async support available now with .NET and Visual Studio makes it easier than ever before to compose the asynchrony in your apps. But are you doing so effectively? From reliability to reuse to responsiveness to performance, there are bad practices and best practices surrounding usage of async and await in your code. In this talk, we cover such practices, giving you the knowledge you need to effectively build robust, async solutions.	Kevin Pilch-Bisson	Hall 8.1 Room G
30 Oct 2014	12:00-13:15	Breakout	DEV-B316	Automating Microsoft Azure with the Management Libraries	The Microsoft Azure Portal is a great place to manage your cloud-based architectures, but in many cases (take Web-based SaaS systems that need to spin up customer websites based on user input as an example), cloud applications need to support the ability of automating the creation and provisioning of additional components. The Azure Management Libraries allow for this type of automation functionality by providing convenient client wrappers around the Azure management REST APIs. This session introduces Azure Management Libraries and demonstrates how it can be used to dynamically create Web Sites, databases, virtual machines, storage accounts, and any other asset available in the Microsoft Azure platform. If you're looking for ways to automate your dev/test environment creation and destruction or you're thinking of implementing a SaaS-based application in the cloud, this session introduces you to the latest arsenal in the Azure SDK and how you can use it to automate everything.	Brady Gaster	Hall 8.0 Room F5
30 Oct 2014	12:00-13:15	Breakout	DEV-B327	Deep Dive into Agile Planning for Team Foundation Server 2013 and Visual Studio Online	Microsoft Visual Studio Team Foundation Server 2013 and Visual Studio Online bring a valuable set of new features and capabilities to agile teams. They provide a simple-to-use experience on top of a powerful, customizable platform. In this session we go deep into the agile planning tools and learn how to customize them to work the way your team does. We also touch on best practices that Microsoft has learned and applied from "dogfooding" these tools for their own use.	Justin Marks	Hall 8.1 Room L
30 Oct 2014	12:00-13:15	Breakout	EM-B310	Active Directory + BYOD = Peace of Mind	The increasingly popular trends of 'BYOD (bring your own device) to work' and 'work from anywhere' expose corporate IT resources to greater risk. Active Directory Federation Services (AD FS) technology on Windows Server is designed to enable end-users to securely access corporate resources from devices of their choice whilst connected from inside or outside your corporate network. Learn how to configure conditional access policies that leverage new AD FS capabilities such as network location awareness, device authentication and multiple-factor authentication in a flexible and intuitive manner. Learn how you can be in control of what authentication methods are made available to end-users, how to plug-in additional authentication providers and how to configure distinct policies governing extranet access. This session explores how AD FS technology helps you avoid 'bring your own disaster' scenarios by confidently securing your corporate resources.	Samuel Devasahayan	Hall 8.0 Room A2
30 Oct 2014	12:00-13:15	Breakout	OFC-B240	Working through Office 365 ProPlus Monthly Updates	Microsoft Office 365 ProPlus can be packaged and deployed within a few minutes if you go with the default settings, but what about updating your deployment on a monthly basis? In this session, learn what your options are and how to choose the best-fitting implementation. We guide you through all stages and flavors of deploying, updating, and managing Office 365 ProPlus. Learn all about deployment options, automated and yet controlled updating, Group Policy and Office Telemetry. The session is packed with a lot of information, demos, and implementation examples.	Martin Nothnagel	Hall 8.0 Room D1
30 Oct 2014	12:00-13:15	Breakout	OFC-B317	Office 365 Exchange Hybrid Deployment	Are you planning to move to Microsoft Office 365 from Exchange? Join this session to learn how Exchange hybrid can provide the capabilities to make a smooth transition to Office 365. The session features real-world deployment experiences while digging into the architecture of Exchange hybrid deployments. Review the deployment options, and discuss the capabilities of the hybrid configuration wizard. The session looks at the very latest hybrid information including OAuth configuration, recommendations for public folders, and multiple Exchange organization configurations.	ichael Van Horenbee	Hall 8.1 Room I

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30 Oct 2014	12:00-13:15	Breakout	WIN-B325	Office 2013 and App-V: Everything You Need to Know	Microsoft Office is the number one virtualized application for enterprise customers deploying Microsoft Application Virtualization (App-V). In this session, join the App-V team as they walk you through everything you need to know to successfully plan, deploy, and manage Office 2013 using App-V 5.0 SP2. Learn about Office 2013 licensing options, how to package using the new Office Deployment Tool, VDI/RDS best practices, Office coexistence options, how to virtualize Office plugins, and advanced customization options for App-V Office packages.	Briton Zurcher	Hall 8.0 Room B1
30 Oct 2014	12:00-13:15	Breakout	WIN-B329	Windows 8.1: Black Belt Troubleshooting	You can't even access the Safemode with F8 in Windows 8.1 so you can easily say things have substantially changed in OS troubleshooting! Come and join this session to see one of the world's leading experts in OS troubleshooting show you all the new tips and tricks in troubleshooting Windows. Voted the best session at TechEd North America 2014, TechEd Australia 2013 and best session by an external speaker at TechEd Europe 2013.	Sami Laiho	Hall 8.1 Room J
30 Oct 2014	12:00-13:15	Breakout	WIN-B353	App Deployment: Scaling from PCs to Low-End Devices	Windows app packaging and deployment just got even better. Come learn how! In this session, learn about the packaging, deployment, and storage features available in Windows 8.1 Update for Desktop and Phone. You'll leave with an understanding of what these features mean for your Windows Phone SilverLight apps and Windows XAML Windows Store and how to leverage them, and how they benefit your end-users.	Barclay Hill	Hall 8.1 Room K
30 Oct 2014	12:00-13:15	Instructor-led Lab	CDP-IL307	Managing and Monitoring Microsoft SQL Server with System Center 2012 R2	In this lab, learn how to manage and monitor SQL Server with Microsoft System Center 2012 R2.	Brannan Matherson	Hall 7 ILL Room 2
30 Oct 2014	12:00-13:15	Instructor-led Lab	DBI-IL203	Processing WebLogs with HDInsight	In this lab, explore the weblogs in its unstructured form and curate them to bring out information that can be actionable. We use Hadoop concepts like MapReduce and bring data to a usable format with Hive. We then use Sqoop to bring the data into our Data Warehouse and then create a report upon it in Excel. This covers a complete cycle of bringing in unstructured data and making sense of it with the high volumes and velocity associated with Big Data.	Nishant Thacker	Hall 7 ILL Room 1
30 Oct 2014	12:00-13:15	Instructor-led Lab	EM-IL307	Troubleshooting Active Directory Replication Errors	This lab walks you through the troubleshooting, analysis, and implementation phases of commonly encountered Active Directory Replication errors. You use ADREPLSTATUS, repadmin.exe and PowerShell to troubleshoot a four DC, two-domain environment.	Justin Turner	Hall 7 ILL Room 3
30 Oct 2014	13:45-14:45	Lunch Presentation	CDP-L298	Sponsor Presentation - Huawei	Coming soon.		Hall 8.0 Room E7
30 Oct 2014	13:45-14:45	Lunch Presentation	CDP-L392	Hyper-V Management Made Easy with System Center and Veeam Management Pack for System Center	Do you know that Hyper-V environments can now benefit from Veeam® Management Pack™ (MP) for System Center? In this Lunch Session, see how Veeam MP delivers advanced capacity planning, reporting, heatmaps, and more to your Hyper-V infrastructure in System Center. This session covers the value of advanced dashboarding, what reports to run for immediate benefit, and ongoing trends to watch with Hyper-V.	Mike Ressler	Hall 8.0 Room D4
30 Oct 2014	13:45-14:45	Lunch Presentation	CDP-L394	Microsoft and Cisco: Delivering Breakthrough Capabilities for Your Cloud and Data Platforms	The joint investment from Cisco and Microsoft R&D over the past four years has resulted in industry-leading integration capabilities for the Windows Server 2012 R2, Cisco Unified Computing System (Cisco UCS), and Cisco Nexus platforms. This integration, focused primarily on System Center, Windows PowerShell, and Cisco UCS Manager, affords customers tremendous flexibility in compute, network, and application configuration, provisioning, performance, and management. This Lunch Session reviews and demonstrates these capabilities by reviewing the Cisco UCS compute x86-based architecture and its efficient and effective data center operational model. We cover concepts such as service profile templates, rapid deployments, transparent Windows Server migrations, centralized firmware management, Hyper-V configurations on Cisco UCS, System Center integration, and Cisco UCS workload support for Exchange, SQL Server, SharePoint, private and hybrid clouds, and Lync.	Franz Martin	Hall 8.0 Room D3
30 Oct 2014	13:45-14:45	Lunch Presentation	CDP-L399	A Connected Security Strategy for a Changing Security Landscape	By attending this session, understand the need of governing data in shared repositories and the importance of role management when it comes to accessing the information. Learn how to leverage existing technologies to provide assurance, control, and visibility for the business. Discover new approaches to define metrics and indicators on collaborative platforms so as to manage and control the environment in a safer, secure way.	Ramsés Gallego	Hall 8.0 Room D1
30 Oct 2014	15:15-16:30	Breakout	CDP-B248	Software Defined Networking in the Next Release of Windows Server: Network Controller Fundamentals	Software Defined Networking (SDN) does to networking what virtualization did for computing, and will be central to the Software Defined Data Center (SDDC). SDN allows for greater flexibility in a data center, by creating a virtual network plane overlaid on the physical networking fabric. The next release of Windows Server introduces the role of the Network Controller - network intelligence is logically centralized in this entity, allowing it manage and program the entire network.  This session provides an in-depth look at the Network Controller (NC) and its role in the control plane of a virtual network - by pushing policies and driving each network entity to its requisite goal state. Attendees also learn how the latest innovations bring together on-premises approaches and cloud-based technologies to deliver hybrid solutions that span multiple products.	hek Tiwari; Sudheer	Hall 8.0 Room A2
30 Oct 2014	15:15-16:30	Breakout	CDP-B315	Running Linux in Microsoft Azure	In today's modern datacenter, heterogeneity is common with regards to Operating Systems, virtualization solutions as well as the software stacks that run on them. In this session, we explore the offerings Microsoft has made available for Linux and FreeBSD-based IaaS solutions running in Microsoft Azure, as well as how you can migrate your existing Linux-based IaaS solutions from your private cloud Azure.	Li Liang; Jason Ander	Hall 8.1 Room H
30 Oct 2014	15:15-16:30	Breakout	CDP-B327	Planning and Designing Management Stamps with the Azure Pack	System Center Virtual Machine Manager is the beating heart beat in every Private Cloud Implementation, and introduces us to the cloud abstraction. In this session, learn how you should design your management stamp(s) to deliver services through the Azure Pack.	Kristian Nese	Hall 8.0 Room D4
30 Oct 2014	15:15-16:30	Breakout	CDP-B337	Lessons from Scale with Mark Russinovich	Mark shares insights gained on the high-scale battlefield from Microsoft Azure and large Azure customers that can help you create more manageable, highly available, and scalable applications. He goes inside Azure's internal architecture to reveal how Azure itself applies these insights and explains how aspects of Azure's architecture influence optimal application architectures. Whether you're a developer or IT pro, create and manage small or large cloud applications, you'll better understand how to get the most out of the cloud and Azure.	Mark Russinovich	Hall 8.0 Room C1

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30 Oct 2014	15:15-16:30	Breakout	CDP-B349	Storage Management in a Hybrid Cloud Environment with Windows Server and System Center	Windows Server and System Center manage storage in your private cloud and integrate your storage with value-add services running in Microsoft Azure. This session covers the latest investments in streamlining and automating storage management lifecycle, including: solutions based on Storage Spaces and Scale-out File Server including tiering, patching and upgrade, attaching SAN storage to a Scale-out File Server, managing remote storage replication for disaster recovery, and crafting storage QoS policies in a multi-tenant environment.	Hector Linares	Hall 8.1 Room L
30 Oct 2014	15:15-16:30	Breakout	CDP-B353	Automated Workload Provisioning with the Azure Pack and Windows PowerShell	Join this session as we explore how the @Building_Clouds Team authored a Cloud Platform System (CPS) ready Azure Pack (WAP) Multi-Tier Service based on VM Roles to deploy production-ready Active Directory, Exchange, and SharePoint, leveraging Service Management Automation (SMA) and Windows PowerShell Desired State Configuration (DSC).	Jeff Goldner; Mich	Hall 8.0 Room F5
30 Oct 2014	15:15-16:30	Breakout	CDP-B375	TWC   Microsoft BitLocker Administration and Monitoring 2.5 Extravaganza	Since the end of TrueCrypt, one of the alternatives for data security is BitLocker. Discover the new enterprise implementation of BitLocker, called Microsoft BitLocker Administration and Monitoring (MBAM). We cover all the new features of version 2.5. MBAM simplifies the deployment of BitLocker and enables key recovery, centralizing compliance monitoring and reporting. It also reduces the costs associated with provisioning and supporting encrypted drives within your organization. This session presents feedback and best practices around the new features such as System Center Configuration Manager integration, self-service recovery, PIN complexity, high availability, Windows 8.1 support, and more!	Lepelier; Maxime R	Hall 8.1 Room J
30 Oct 2014	15:15-16:30	Breakout	DBI-B317	EMBARGO on Oct27: Introducing Data Factory: Orchestration on Big Data	The Azure Data Factory is a new Azure service for data developers and IT to manage the information production required to deliver the trusted data assets for an organization. The service operates over diverse data (across cloud and on-premises), is capable of orchestrating a range of processing capabilities and connects the production of data assets seamlessly to PowerBI for Office 365. We hear it all the time, businesses pushing to become data driven in order to gain a competitive edge. This often means producing information from diverse data (stores, formats, geo-locations, etc.) and using a range of processing and query systems (Hadoop, SQL, custom code, machine learning, etc.) to combine, clean, aggregate and shape rich data sets—the foundation for data-driven business insight. In this session we dive deep into the Azure Data Factory, an upcoming Azure service designed to enable organizations to produce and manage new information assets like clockwork.	Mike Flasko	Hall 8.0 Room F1
30 Oct 2014	15:15-16:30	Breakout	DBI-B414	Microsoft SQL Server Analysis Services: Tabular Deep Dive	With the Business Intelligence Semantic Model in SQL Server 2014 there are two ways to create and deliver successful SQL Server Analysis Services (SSAS) projects: Tabular and Multidimensional. In this demo-driven session, learn about data modeling, processing, security, and administration techniques for Tabular models in SQL Server Data Tools (SSDT) for BI for Microsoft Visual Studio 2013.	Taylor Clark	Hall 8.0 Room F4
30 Oct 2014	15:15-16:30	Breakout	DEV-B212	Building End-to-End Web Apps Using TypeScript	Creating cross-platform, application-scale JavaScript code that runs in any browser or in any host is very hard. TypeScript is a programming language that changes that situation. In this session, get to know the TypeScript language. Also, see how to build an end-to-end web app using the language.	Gil Fink	Hall 8.1 Room G
30 Oct 2014	15:15-16:30	Breakout	DEV-B220	Microsoft .NET Open Source Software Projects Showcase	Microsoft has been fostering open development and collaboration on the .NET platform, and with the creation of the .NET Foundation we are committed to a vibrant .NET OSS ecosystem. Come join a few of the community's OSS project leaders and learn about their .NET OSS projects and how you can get involved.	mon; Jay Schmelzer	Hall 8.0 Room B2
30 Oct 2014	15:15-16:30	Breakout	DEV-B350	Build Employee and Partner Facing Mobile Apps Using Microsoft Azure	Employee apps need enterprise single-sign on, push notifications, as well as access to existing enterprise systems on premises. Azure Mobile Services allows you to quickly build and host an .NET Web API in the cloud with these capabilities built in and connect it to your mobile app. Occasional connectivity support is another essential requirement for employee apps. Come and learn how to add enable your app users work with data offline and sync with the backend / deal with conflict resolutions using Mobile Services. See a live demonstration of Mobile Services, Xamarin, and Visual Studio together making it faster and easier than ever to build cross-platform, occasionally-connected, enterprise mobile apps.	Il Gavrylyuk; Omar K	Hall 8.0 Room B4
30 Oct 2014	15:15-16:30	Breakout	EM-B312	Mobile Application Management with Intune	Containers may be good for sandboxing data, but why should protecting corporate data require that your users sacrifice a great user experience? With Intune and System Center Configuration Manager, you can enable your users to use the apps that they need to be productive, while maintaining protection of data on the device. Microsoft provides a layered approach to data protection that gives IT pros control over data at the device level, at the app level, and on the data itself. This control can be built directly into the apps people are familiar with and enables IT pros to define not only how each of these apps will interact with data, but also how they will interact with each other.	Baldwin; Daniel Em	Hall 8.1 Room I
30 Oct 2014	15:15-16:30	Breakout	EM-B327	Extending Microsoft Azure Capability through Citrix XenDesktop, XenApp, and NetScaler	Are you a Citrix customer evaluating how to deploy native mobile apps, virtualized apps, and/or virtualized desktop in Azure? This is the right session for you. In this session we cover starting with scale analysis/consideration when architecting the solution in Azure, ensuring the correct networking services are in place to provide seamless access to the Azure environment. We walk through every step in the architectural process to create a fully functional XA/XD deployment in Azure. We demonstrate key deployment steps pertaining to XA/XD on Azure (mini deployment guide). And finally, we provide essential cost modeling data to evaluate economics compared to on-premises deployment.	y Shbeilat; Peter Wil	Hall 8.0 Room B1
30 Oct 2014	15:15-16:30	Breakout	OFC-B210	Simplifying the Office 365 IT Experience for Admins and Partners	Microsoft Office 365 is designed to meet the needs of business of all sizes, ranging from small businesses to large enterprises. Correspondingly, the IT admins who manage the service could range from small business owners to IT professionals. In this session, learn about the tools available to the Office 365 IT admin including learning about the newly re-designed Office 365 Admin Center. Also, learn about the top tools available to help Partners manage and administer their customers, including the latest updates to the Partner Admin Center.	Fioravanti; Lawrence	Hall 8.0 Room E7

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30 Oct 2014	15:15-16:30	Breakout	OFC-B215	Get Your Own Enterprise Streaming Video Service: Office 365 Video	Usage of video in the Enterprise has grown quickly within the last 18-36 months. It's time for viewers to be more engaged and to have their experience be more personal. Join in for a deep dive on Microsoft Office 365 Video, a secure, company-wide destination for video upload, sharing, and discovery, and smooth playback across devices—all powered by Microsoft Azure Media Services. We answer what it is, both from a user perspective and to showcase the chosen architecture. We identify key scenarios and demo how it works—plus share a little insight on what's coming next.	Jennifer Mason	Hall 8.0 Room E9
30 Oct 2014	15:15-16:30	Breakout	OFC-B326	Microsoft Lync Server 2013: Enterprise Voice	Just getting started with your Lync Voice deployment? Come join us as we explore the wide range of Lync voice telephony capabilities that you'll want to know about to make your deployment a success, including call routing scenarios, user features, response groups, and devices. In this session we discuss how to plan, configure, and manage these features for UC environments big and small.	Iam Gent; Zahid Saeed	Hall 8.0 Room F7
30 Oct 2014	15:15-16:30	Breakout	OFC-B339	Microsoft Project Server and Project Online: Reporting and BI Deep Dive	Project Server and Project Online provide you with a wide range of choices to develop and share reports across your teams. This demo-heavy session provides a comprehensive overview of the reporting and BI ecosystem in Project Server and Project Online all the way from built-in reports to SSIS and Power BI.	Andra Ciortea; Raphael	Hall 8.0 Room D3
30 Oct 2014	15:15-16:30	Breakout	WIN-B313	Enterprise Mode for Internet Explorer Deep Dive	Enterprise Mode for Windows Internet Explorer 11 will provide improved Internet Explorer 8 compatibility, and tools to manage which web apps use it. This session is a deep-dive on deploying and managing Enterprise Mode, as an interim solution until legacy web apps can be upgraded to modern standards. By decreasing the dependency on older browsers, customers can stay up to date with Windows, services like Office 365, and Windows tablets.	Fred Pullen	Hall 8.1 Room K
30 Oct 2014	15:15-16:30	Breakout	WIN-B320	Application Compatibility and Modernization in a Fast-Moving, Post-XP World	The technology world is moving faster than ever, and the value of keeping up continues to grow. Join "The App Compat Guy" to discover the processes that organizations are using to keep up with the pace of technology by better managing their applications to not only keep them compatible, but to bring them forward to the modern era.	Chris Jackson	Hall 8.0 Room D1
30 Oct 2014	15:15-16:30	Breakout	WIN-B354	Windows Phone and Windows 8.1 App Model	The new release of Windows Phone and Windows 8.1 dramatically expands the ways in which developers can build applications and games, by adding several new programming models, and also expanding the application model to support a broader set of developer scenarios. We explore these in depth and give you the information you need to get started building applications that leverage these features today.	Shawn Henry	Hall 8.0 Room E1
30 Oct 2014	15:15-16:30	Instructor-led Lab	DBI-IL201	Exploring the Office 365 Power BI Site	In this lab, prepare and publish an Excel workbook to the Microsoft Office 365 Power BI site. Then, explore the Power BI site to view and interact with workbook reports, refresh the workbook data from on-premises data, perform Power View forecasting, and use Power Q&A to create data visualizations in response to natural language questions.	Peter Myers	Hall 7 ILL Room 2
30 Oct 2014	15:15-16:30	Instructor-led Lab	EM-IL304	Migrating Active Directory to Windows Server 2012 R2	The purpose of this lab is to complete a migration of a Windows Server 2008 R2 domain environment to Windows Server 2012 R2 with no downtime to clients. All roles currently held including FSMO, DHCP and DNS will be transferred to enable the Windows Server 2008 R2 domain controller to be retired.	Andrew McMurray	Hall 7 ILL Room 3
30 Oct 2014	15:15-16:30	Instructor-led Lab	OFC-IL301	Lync & IIS ARR - What, me TMG?	During this lab, learn how to deploy Application Request Routing (ARR) in Microsoft Lync Server 2013 using IIS. Observe the reverse proxy function of IIS as an alternative to Threat Management Gateway.	Les Parkes; Matt Alben	Hall 7 ILL Room 1
30 Oct 2014	17:00-18:15	Breakout	CDP-B235	Architecting Globally Available and Scalable Solutions on Microsoft Azure: An End-to-End View	Building solutions for global availability and scalability requires architects and developers to think differently at all layers in typical application architectures. In this session, learn about all the topics that we typically discuss with software vendors across the world when they need to design globally available and scalable solutions on Microsoft Azure. This session gives architects an end-to-end view on the variety of topics they need to think about, and explains how Azure helps to address those topics. We discuss principles that need to be addressed, at all layers, from communication through compute and messaging down to data platforms. We discuss practical problems and solutions we've encountered with ISVs when working on such solutions. Finally, practical demos and stories highlight the most important aspects from real-world engagements leveraging Azure technologies.	Łukasz Puzsosta; Robert Eich	Hall 8.0 Room D4
30 Oct 2014	17:00-18:15	Breakout	CDP-B243	TWC   Detecting the Undetectable	It is impossible to prevent a determined adversary from breaking into a company. Therefore, the next best thing is early detection of a malicious invasion that allows defenders to minimize the damage. According to highly respected computer security reports, over 80% of data breaches would have been detected if the victims had just been looking at the data right in front of their eyes. This session gives you the ideas, tools, and techniques that will reveal the hidden advanced attacker and the rogue insider, using the intrusion detection techniques that have worked for many of the world's best security companies. The ideas shared will not only be useful, but will challenge you to use your creative juices in designing the right early warning traps.	Chris Huber; Roger Grim	Hall 8.0 Room C1
30 Oct 2014	17:00-18:15	Breakout	CDP-B314	Microsoft Azure Site Recovery: Leveraging Azure as Your Disaster Recovery Site	Learn how Azure Site Recovery enables seamless use of Azure IaaS as a zero CAPEX Disaster Recovery Site for your on-premises datacenter. We demonstrate the simplicity and cost-effectiveness of this solution. We cover management of failover, and failback DR activities using Azure IaaS VMs. Network connection—back to datacenter and to the clients—is one of the top challenges in setup of your DR infrastructure and we cover how to simplify networking for disaster recovery setup. We also detail the investments we have made in security and compliance to ensure your data is safe and meets the compliance needs for your organization.	Christian Nese; Manoj Ja	Hall 8.0 Room E1
30 Oct 2014	17:00-18:15	Breakout	CDP-B326	Managing Platform-as-a-Service with the Azure Pack	Azure Pack provides powerful capabilities for building a private cloud. It allows you to leverage the learnings from the large-scale deployment of public Microsoft Azure itself. There are many moving parts in a Cloud OS deployment for Service Providers or Enterprises. The availability and performance that these companies demand from their systems requires well thought-out designs. Where do you place the different Azure Pack components? How do you comply with security policies? How do you scale out and enable high availability? Come to this session and hear lessons learned from real-world field experience of designing and deploying numerous Azure Pack deployments around the world.	Andreas von Arnholt; Nader Ben	Hall 8.1 Room H

TechEd Europe 2014 Session Schedule

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Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
30 Oct 2014	17:00-18:15	Breakout	CDP-B380	Deep Dive in the Microsoft Cloud Platform System Networking	By now you've seen the announcement of the new Microsoft Cloud Platform System (CPS) and are excited about what it does and what it has to offer. In this session we cover the network architecture, the influences, the out-of-box experience, and dive into the deepest parts of the system that give the network in CPS its optimal value, performance, and reliability. This session is a must for anyone considering deployment of CPS, or anyone who wants to use the techniques of CPS in their own builds.	Cusanza; Sudheer V	Hall 8.0 Room D3
30 Oct 2014	17:00-18:15	Breakout	CDP-B412	Datacenter Integration Using Automation in System Center 2012 R2 Orchestrator	As we move into the Cloud OS space with the new Azure Pack it will be important that your existing systems can integrate into the Cloud OS stack to provide end-to-end delivery and management of these new services. This session covers the new Service Management Automation (SMA) feature of Orchestrator in R2 and shows how you can integrate existing Orchestrator runbooks with the new SMA feature. It also covers how to integrate third-party solutions using SMA through the PowerShell Modules or OData web service. In addition, it covers how to build custom PowerShell modules to enable integration into third-party systems that do not have PowerShell interfaces.	Eamon O'Reilly	Hall 8.1 Room L
30 Oct 2014	17:00-18:15	Breakout	DBI-B334	Azure Virtual Machines Deployment Scenarios	Microsoft Azure is a hosted computing platform and infrastructure that enables building, deploying and managing applications and services such as Microsoft SQL Server 2014 through a global network of Microsoft-managed data centers. The Azure cloud supports infrastructure optimization through new hybrid cloud scenarios for high availability, backup/restore, data management and virtual machines. Virtual Machine templates include diverse technologies to include SharePoint, Oracle, Linux, and Ubuntu. In addition, Azure supports other storage paradigms such as mobile services as well as NoSQL technologies to include Key/Value and Hadoop MapReduce. This session explores the different data-centric scenarios that Azure enables to provide optimal deployment and design options for the SQL Server DBA and Developer. It also covers migration strategies to the cloud, cloud economics, as well as new cloud-centric networking technologies such as ExpressRoute and Equinix.	iz; Luis Carlos Varga	Hall 8.0 Room F1
30 Oct 2014	17:00-18:15	Breakout	DBI-B336	Jumpstarting Big Data Projects: Stories from the Field	Big data is one of the hottest trends in technology that more and more companies embrace. As big data takes a more dominant position on every CxO's agenda, most put all their big bets on the yellow elephant in the room - the open source big data framework Hadoop. In this session, we talk about obstacles and problems that often were linked to the very high hopes towards Hadoop and HDInsight, our Hadoop implementation on Microsoft Azure, as we accompanied customers throughout their big data development life cycles. We discuss deployment tools, management and operational query tool choices, and final decisions made as we walk through.	ei Khalyako; Olivia K	Hall 8.0 Room F4
30 Oct 2014	17:00-18:15	Breakout	DEV-B318	Best Practices for Scaling Web Apps	In this session, hear about real-world consulting experiences in scaling web apps including insights and best practices. Learn how to architect and develop applications on the ASP.NET stack so that they are easy to scale. This presentation includes but is not limited to queuing systems, SQL Server, REST APIs, Microsoft Azure, polyglot persistence, TCP, HTTP, vertical and horizontal scaling, partitioning, NoSQL, etc. The speaker is known to have a consulting company that has a track record of 100% successful projects on-budget, on-time.	Chander Dhall	Hall 8.0 Room E9
30 Oct 2014	17:00-18:15	Breakout	DEV-B322	Building Web Apps and Mobile Apps Using Microsoft Azure Active Directory for Identity Management	Cloud-based applications have unique challenges when it comes to identity management. In this session, join us for a deep dive in how to build web applications and web APIs on a variety of platforms using Azure Active Directory for user sign-in and resource authorization.	Vittorio Bertocci	Hall 8.1 Room I
30 Oct 2014	17:00-18:15	Breakout	DEV-B328	Deep Dive into Dependency Injection and Writing Testable Software	You may think you have a decent understanding of what Dependency Injection (DI) is, but the truth is that to really write testable software you need to stop any hard class instantiation anywhere in your applications. We're talking about a full embracement and understanding of dealing with abstractions and lifetime management. There are also details you need to understand about how DI Containers work and what makes one differ from the other. In this session, we jump right into DI usage on various platforms. We show you how to use it in a web, desktop, and even back-end service and data-access environment. We bring other patterns, like Abstract Factory, into play to solve other types of problem in conjunction with Dependency Injection. In the end, a combination of technique and product will ensure that your applications remain testable and extensible every step of the way.	Miguel Castro	Hall 8.1 Room G
30 Oct 2014	17:00-18:15	Breakout	DEV-B337	How to Architect and Implement Integration Solutions with BizTalk	Enterprise Application Integration or EAI solutions bridge systems with disparate data formats and communication protocols. Solutions increasingly need to connect on-premises systems with applications and infrastructure in the Cloud. Microsoft is in the unique position of having first-party solutions on-premises with Microsoft BizTalk Server 2013 R2 as well in the cloud with Microsoft Azure BizTalk Services. Come to this session to learn design patterns and best practices for architecting, implementing and extending integration solutions. We demonstrate new capabilities on the platform including workflow, and adapter frameworks. In this session, we spotlight how Azure enables powerful capabilities for born-in-the-cloud integration, as well as enables customers to extend current on-premises solutions.	nkataraman; Sam Va	Hall 8.0 Room D1
30 Oct 2014	17:00-18:15	Breakout	DEV-B339	Mastering IntelliTrace in Development and Production	IntelliTrace (or Historical Debugging) is a magical tool built into Visual Studio that can display the entire execution history of your managed application. You can run IntelliTrace in a production environment and obtain a perfect log of your application's execution without any code changes. In this session, learn how to configure and use IntelliTrace with Visual Studio and in production environments, how to record IntelliTrace events and even how to customize IntelliTrace with custom information for even easier production diagnostics.	Sasha Goldshtein	Hall 8.0 Room F5
30 Oct 2014	17:00-18:15	Breakout	EM-B308	System Center Configuration Manager Community Jewels	There are many fantastic and useful community tools created to take an already great product in System Center Configuration Manager to a new level. We showcase many of these community tools during this session. Join us to get inspiration on how to take your implementation to the next level.	n Nilsson; Stefan Sch	Hall 8.0 Room B2
30 Oct 2014	17:00-18:15	Breakout	OFC-B318	Deploying Microsoft Exchange Server 2013	Are you getting ready to deploy Exchange Server 2013? Join this session to learn how to deploy Exchange Server 2013 into existing deployments of Exchange 2007 or 2010. The session includes real-world best practices and the very latest information and best practices for deployment.	Scott Schnoll	Hall 8.1 Room J

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
30 Oct 2014	17:00-18:15	Breakout	OFC-B335	Office 365 Network Topology and Performance Planning	Microsoft Office 365 has datacenters all across the world and customers have offices all across the world. In between those is the Internet. Network traffic routing and bandwidth availability on the Internet varies and in addition the shape of Internet connectivity from Office 365 clients is different to regular web browsing. Planning and testing for network connectivity prior to onboarding a customer with Office 365 is important to avoid difficult to troubleshoot issues later. In this session, we talk about Office 365 datacenters, describe how Office 365 datacenters are connected to the Internet and explain how you can plan for Internet connectivity.	Paul Andrew	Hall 8.1 Room K
30 Oct 2014	17:00-18:15	Breakout	OFC-B344	Five Best Practices to Consider When Deploying Microsoft Lync 2013 for Mobile Clients Using the Feature Enterprise Voice	When deploying Lync Mobile with Enterprise Voice, users expect to be able to complete calls as expected, roam around the building as they do when using cellular roaming, and have pristine quality to their calls as they do from their wired computer. Anything below those expectations would be a letdown, a failure, and Lync is always to blame, right? This session touches upon five best practices to consider when you want to reach those expectations and have a successful Enterprise Voice rollout with mobile Lync users in mind.  HashTags: #Lync #LyncMobile #BYOD #Productivity #GenMobile #GoodTimes #QoS #SDN	Ståle Hansen	Hall 8.0 Room F7
30 Oct 2014	17:00-18:15	Breakout	OFC-B349	Yammer Identity and User Management	Learn about the current landscape of Yammer user identity management. This session starts with a look at identity management and the roadmap for Yammer. We then dig into what can be achieved with the current integration tools. The session covers important technical details that IT professionals need to know about Yammer, shows you how to take control of authentication using SSO, and handle user provisioning with Directory Sync. Best practices for deploying both of these tools are discussed. We touch briefly on Yammer Directory Sync which plays a significant role in provisioning and de-provisioning Yammer users. We also look into the capabilities around how to audit users with the help of PowerShell.	Martina Grom	Hall 8.0 Room E7
30 Oct 2014	17:00-18:15	Breakout	WIN-B314	Windows 8.1 Deployment Using Free Tools from Microsoft	If your job duties include deploying Windows 8/8.1 and you would like to do this using the FREE tools provided by Microsoft, this session is for you. During the session we cover the basic steps to install the solution and configure it. We explain things like reference images, Windows Deployment Services, Microsoft Deployment Toolkit (MDT), Lite Touch, new computer scenarios, refreshing old computers, and how to replace old computers while keeping the user data and re-installing applications.	Arvidmark; Mikael N	Hall 8.0 Room B1
30 Oct 2014	17:00-18:15	Breakout	WIN-B323	Modern Apps for IT Pros	Whether you call them "Metro apps," "Windows 8 Design-Style apps," "RT apps," or "modern apps," the new class of apps for Windows 8 and later tablets are not only here to stay, they also offer some interesting advantages and challenges for IT pros. Much has been written about modern apps, but 99% of that was written with developers in mind. That makes a certain amount of sense, as no one's going to ask us IT pros to support software that hasn't yet been written, but given that the Windows Store added its 100,000th modern app back in July 2013, it's reasonable to assert that the time has come for IT pros to know out more about the members of the six-figure army. How do they work? How are they structured? ARE they more secure? Where are they stored? What options do you have to deploy them? What about "sideloading," the method to roll out home-grown line-of-business apps? Join veteran Windows techie in an informative, entertaining and real-world look at the latest crop of Windows apps!	Mark Minasi	Hall 8.0 Room A2
30 Oct 2014	17:00-18:15	Breakout	WIN-B334-R	Windows 10: Management (repeated from 29 Oct at 15:15)	Windows 10 continues to add new and improved management technologies, to ensure that Windows continues to be the best – and most flexible – operating system to manage. In this session, we talk about all the changes that are coming, including enhancements to built-in mobile device management protocols, new Windows Store and volume purchase program capabilities, sign-on capabilities with organizational IDs (Azure AD), sideloading and other app deployment enhancements, and new capabilities being added to other existing management technologies (e.g. PowerShell, WMI, etc.)	Mike Niehaus	Hall 8.0 Room B4
30 Oct 2014	17:00-18:15	Instructor-led Lab	CDP-IL201	Introduction to Microsoft Azure Active Directory: IT Pro Scenarios	In this ILL, learn about the core IT pro scenarios for Azure Active Directory: using Azure Active Directory to extend your on-premises AD for cloud applications, and integrating authentication with third-party applications. Learn just enough of the basics to be dangerous and how to show off the capabilities of Azure Active Directory to your customers.	Jason Clarke	Hall 7 ILL Room 1
30 Oct 2014	17:00-18:15	Instructor-led Lab	CDP-IL304	Monitoring Your Datacenter with System Center 2012 R2 Operations Manager	In this lab, learn how to monitor your datacenter with System Center 2012 R2 Operations Manager.	Brannan Matherson	Hall 7 ILL Room 2
30 Oct 2014	17:00-18:15	Instructor-led Lab	EM-IL302	Introduction to Unified Device Management with Intune and System Center Configuration Manager	In this lab, explore how combining Intune with Configuration Manager gives you power features to manage multiple types of devices. Create a trial Intune account and connect it to a Configuration Manager site, enroll a device, and perform basic device management. If you bring your own mobile device, you can even enroll it in your trial account at the end of the lab.	eike Ritter; Simon M	Hall 7 ILL Room 3
31 Oct 2014	08:30-09:45	Breakout	CDP-B207	Securing Organizations: Azure Active Directory Intelligence as a Differentiator	Organizations are realizing that traditional network-based security measures are woefully inadequate to protect corporate data in a world where the workforce likes to work from different locations, on a variety of different devices and targeting a plethora of different applications in cloud. Enterprises are looking to bolster traditional security controls with more adaptive, contextual mechanisms driven by increased analytics. Azure AD has a variety of features that can help IT secure their enterprises using data driven intelligence. In this session we cover how Azure AD can help detect and alert on compromised accounts and malicious access. We also cover Cloud App Discovery in depth and talk about how organizations can get a better handle on 'ShadowIT' as employees increasingly adopt cloud applications without IT involvement. Cloud App Discovery can help organizations detect cloud application usage and bring that under IT control.	Girish Chander	Hall 8.0 Room E1

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
31 Oct 2014	08:30-09:45	Breakout	CDP-B234	Using System Center for Dynamic Application Mapping	Dynamic distributed applications can make System Center the key to streamlining your IT Operations Programs. Microsoft partnered with BlueStripe to deliver complete, multi-tier application management in System Center. In this session, learn how to deliver: Live, dynamic application discover/mapping, monitoring, and alerting in Operations Manager; Application management across platforms (Windows and non-Windows systems) and architectures (physical, virtual, cloud, and hybrid cloud); and Application management for Azure Hybrid Cloud. BlueStripe automatically discovers, maps, and monitors all the components that make up your distributed applications, regardless of platform or physical location. Learn how to build live dynamic application views that cross Azure and the datacenter, how to use these application maps within System Center Operations Manager, and how to apply application context to provide business services for Service Manager and application performance-focused run books using Orchestrator. You'll also preview an integration of live distributed application maps into Azure Pack.	Eve Cole; Victor Nym	Hall 8.1 Room H
31 Oct 2014	08:30-09:45	Breakout	CDP-B309	AzureCAT: Design Cloud-Based Solutions for Operations, Monitoring, and Troubleshooting	Operating a cloud-based application, from small business apps to social apps at web scale, is one of the most challenging transitions that customers and cloud service vendors have to implement when moving from on-premises to the cloud. Troubleshooting, capacity planning, health analysis, alerting are just some of the traditional practices that requires a different approach in this new environment, and new organizational techniques like DevOps are becoming more and more important in the overall solution success. In this session, we describe how to instrument a new or existing Azure solution (PaaS or IaaS), and create a telemetry system that will help operations to keep things up and running. We talk about application logging based on ETW and SLAB, Windows Azure Diagnostics, Azure SQL DB diagnostic DMVs and how to collect and correlate information coming from a number of different diagnostic sources to be able to interpret and monitor your overall solution health.	Silvano Coriani	Hall 8.0 Room F7
31 Oct 2014	08:30-09:45	Breakout	CDP-B324	Deploying Hyper-V Network Virtualization	If you've heard about Hyper-V Network Virtualization and are excited about it, come to this session to see how it works in theoretical and practical aspects with Windows Server 2012 R2 and Microsoft System Center 2012 R2 Virtual Machine Manager (VMM). In this session, learn how to make your own environment quickly, and how to link your virtual environment to real networks with NVGRE gateways. Warning, this session may contain traces of network frames that may not look like the ones you are used to.	Jehureux; Stanislas C	Hall 8.0 Room A2
31 Oct 2014	08:30-09:45	Breakout	CDP-B325	Design Scale-Out File Server Clusters in the Next Release of Windows Server	This session discusses Windows Server 2012 R2 Software Defined Storage for your private cloud, running Hyper-V over SMB against a Scale-out File Server, including key features and capabilities such as Storage Spaces, Clustered Shared Volumes and SMB3 and design consideration. We will also provide a glimpse of what is to come in the next release of Windows Server.	Claus Joergensen	Hall 8.0 Room B1
31 Oct 2014	08:30-09:45	Breakout	CDP-B331	Patterns & Practices for Implementing Complex Line-of-Business Apps with Windows 8.1, WinRT, and Modern UI	Building complex and comprehensive line-of-business apps with WinRT and Modern UI gets more and more relevant. In this session we dig into architecting and implementing such applications. Learn how to apply frameworks such as Microsoft Patterns & Practices Prism and Unity for building modular applications even in the world of Modern Apps and WinRT. Learn about the benefits such an architecture has and how it enables large and regionally distributed development teams to work together effectively. Learn about patterns and paradigms such as IoC, MVVM/MVVMC and see them applied in action based on a real-world practical example we've been working on with a global partner. We also dig into several options for getting true application insights such as issues/bugs, usage patterns, etc. after your application has been deployed to hundreds of devices. Finally, see how adopting some of these patterns truly enables productive designer/developer collaboration.	ario Szpuszta; Max K	Hall 8.0 Room D4
31 Oct 2014	08:30-09:45	Breakout	CDP-B351	Real-World Customer Deployments of StorSimple and Microsoft Azure	This session focuses on the implementations and experiences of StorSimple customers and how they are using the solution for hybrid cloud storage. This session discusses why customers were looking to StorSimple to simplify their datacenters and integrate with Microsoft Azure. It includes an overview of the architectures these customers have implemented and the best practices they have adopted, as well as lessons learned and their plans to continue integrating with StorSimple and Microsoft Azure.	Scott Ferguson; Step	Hall 8.1 Room L
31 Oct 2014	08:30-09:45	Breakout	CDP-B378	TWC   The Ultimate Hardening Guide: What to Do to Make Hackers Pick Someone Else	It is pretty clear that we have a smart new generation who understand how to get around computer systems—some are doing it just for fun, while others are doing it with a slightly more sinister intent! Then we read in newspapers about these impressive findings done by a young hacker. Let's stop there and think for a while! Are these really targeted attacks, or was it just for a good time and by accident he discovered something useful? Did you see all these breaking news stories about destroying another botnet containing millions of computers? Why are they targeting these computers and not others? Usually the young hacker's goal is very simple: let's do whatever is possible. Our response should be, "Do whatever you want, but somewhere else!" During Paula's session learn how to strengthen systems and stop the data breaches that litter the news sites today. Come and enjoy the live-experience presentation with engaging stories and demos! Let's deter hackers together—whether they're 7 or 70 years old!	Paula Januszkiewicz	Hall 8.0 Room C1
31 Oct 2014	08:30-09:45	Breakout	DBI-B337	Polybase in the Modern Data Warehouse	We have all heard about the Polybase feature of the Microsoft SQL Server 2012 Parallel Data Warehouse, but what are the use cases for this technology? In this session we explore and demonstrate specific use cases for implementing Polybase into your Modern Data Warehouse solution. Specifically, we examine how Polybase can help you: streamline your ETL process by using Hadoop as the staging area of the backroom; export to your Hadoop environment your Enterprise Data Warehouse conformed dimensions; use Hadoop as a low cost, online data archive; and enrich your relational data with ambient data resident in Hadoop.	er; Lionel Pénuchot;	Hall 8.0 Room F1
31 Oct 2014	08:30-09:45	Breakout	DEV-B321	Building Multi-Device Apps with New Visual Studio Tooling for Apache Cordova	Realize the dream of "write once and deploy everywhere" with the new Visual Studio extension for Multi-Device Hybrid Apps. In this session, we build an application deployed to Windows, Windows Phone, Android and iOS devices using JavaScript, Microsoft Office 365, Azure Mobile Services, and Apache Cordova. We use Visual Studio to add custom Cordova plugins, debug our app on multiple devices, then bring it all home with deployment to the enterprise using Intune.	Ryan Salva	Hall 8.0 Room B4

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Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
31 Oct 2014	08:30-09:45	Breakout	DEV-B331	Developing Office 365 Cloud Business Apps with Visual Studio	Microsoft Office 365 is an ideal business application platform providing a core set of services expected in today's business apps like collaboration, presence, and integrated workflows, and a central location for installing, discovering, and managing the apps. Office 365 makes these business apps available where users already spend their time—in Microsoft SharePoint and Office. Visual Studio 2013 streamlines the way developers build modern business applications for Office 365 and SharePoint 2013 with the Office 365 Cloud Business App project. In this demo-heavy session, see the latest enhancements we've made including SAP data and document library support, that allow developers to build connected, touch-centric, cross-platform, HTML5-based business applications for Office 365.	Steve Lasker	Hall 8.0 Room D1
31 Oct 2014	08:30-09:45	Breakout	DEV-B334	Using Git with Team Foundation Server or Visual Studio Online	Support for Git was added into Microsoft Visual Studio 2013 and Team Foundation Server 2013. In this session, learn more about why you might want to use Git for your next project, what makes DVCS a powerful model for software development and when you might want to choose Git over TFVC for version control. Learn about the fundamentals of a repository and how to successfully collaborate using Git in your Team Foundation Server or Visual Studio Online account.	Edward Thomson	Hall 8.0 Room E9
31 Oct 2014	08:30-09:45	Breakout	EM-B317	Configuring Corporate-Owned Mobile Devices with Intune	In this session, learn how to use Apple Configurator to bulk-enroll iOS devices, how to tightly control devices usage, and how to pre-provision apps and policies to devices. We walk you through how Intune enables IT pros to keep devices secure and managed, while enabling end users to be productive. Not all mobile devices are personally owned. Often, corporations own the devices and issue them to end users. It's up to the IT pro to configure these devices. Intune and System Center Configuration Manger make it easy for IT pros to provision, configure, and manage corporate-owned devices.	dhakrishnan; Jason	Hall 8.1 Room J
31 Oct 2014	08:30-09:45	Breakout	EM-B328	Azure Rights Management: What It Is, New Features, and a View into the Roadmap	The Azure Rights Management Service (RMS) enables customers to protect their sensitive information, enforce their organization's information use policies, IT architecture, and mobility needs. Recognizing that many organizations have specific security and IT deployment requirements, Azure RMS is available in cloud, hybrid, and on-premises configurations. This past year, RMS has received significant upgrades for both end user productivity features, and for IT pros, flexibility, manageability, and deployability. In this session, we discuss and demonstrate many of these enhancements, how they can help protect your organization's sensitive information, and present the Microsoft roadmap for new features under development for RMS.	ique Saggese; Tim D	Hall 8.1 Room K
31 Oct 2014	08:30-09:45	Breakout	OFC-B321	Get Up and Running Fast with Microsoft OneDrive for Business: Planning Guidance and Best Practices	Is there rogue usage of consumer, non-approved file, sync and share technologies in your organization? Come to this session to learn how to get up and running fast with OneDrive for Business and deliver great file storage experiences so your users can sync and share across devices and platforms, while at the same time deploying to the specific compliance rules you require. This session covers IT planning considerations for connecting your on-premises Microsoft SharePoint Server deployment to OneDrive for Business. The topics include: Ways to synchronize your on-premises directory data to the cloud to achieve identity SSO (single sign-on); Rollout of OneDrive for Business across your organization; and Getting other Microsoft Office 365 suite level features running in conjunction with OneDrive for Business.	Kimmo Forss	Hall 8.0 Room B2
31 Oct 2014	08:30-09:45	Breakout	OFC-B323	Large Meetings Best Practices	The Microsoft Lync Engineering team regularly run All-Hands sessions with up to 1,000 online participants with speakers in four sites. Running these meetings requires a lot of the same procedures as running any Lync Managed meeting. In this session, hear from the Lync Program Management team that facilitates and supports these meetings. We discuss best practices on everything from scheduling the Lync Meeting to what audio and video devices to use to how to handle Q&A. Attend this session to discuss the infrastructure required, what Lync Admin settings are needed to hold a successful meeting, and best practices to use on meeting day.	Sandra Martinez Pol	Hall 8.0 Room F5
31 Oct 2014	08:30-09:45	Breakout	OFC-B330	Mobile Device Management for Office 365	Mobile Devices are the first and only connected device for a billion people, and there no question that workplaces are evolving to become more focused on mobile computing. As businesses adopt a BYOD (Bring Your Own Device) approach to mobile devices, it is critical for them to keep corporate data secure on personal devices. Traditional Mobile Device Management (MDM) solutions used for this purpose have a one-size fits all approach with a non-intuitive restricted application that challenges users. Come and explore our new Office 365 MDM solution we will soon be releasing that addresses these concerns and more.	eller; Sara Manning	Hall 8.1 Room I
31 Oct 2014	08:30-09:45	Breakout	OFC-B343	Microsoft SharePoint Online Performance: Designing Your Pages to Be Fast	Are your SharePoint Online pages slow? Do you understand what knobs you have to tune the performance of your own pages? Do you know how diagnose the performance on your pages? Do you ever wonder what kind of load SharePoint Online can handle? Come for an in-depth presentation on SharePoint page performance. We take a look behind the curtain to understand what happens when pages get rendered, what factors contribute to bad performance and how we tune servers in SharePoint Online to handle everything that you can throw at us.	Shyam Narayan	Hall 8.0 Room D3
31 Oct 2014	08:30-09:45	Breakout	WIN-B309	Kinect in Your Apps - Build to Amaze!	Microsoft Kinect for Windows v2 offers improved capabilities to enable your own apps with human-centric-computing and Natural User Interfaces (NUI). This developer focused session introduces the new version of Kinect for Windows, bringing latest research and gaming technologies to your doorsteps. Learn about improvements over Kinect for Windows v1. We talk about the relevant APIs and ways to develop for Kinect. We have fun with demos, and talk about some specific things that are relevant when building your own apps. Code samples are shown in C#, but the overall API experience and development pattern is typically applicable to C++, VB, or JavaScript developers as well. No previous exposure to Kinect for Windows is required.	Andreas Erben	Hall 8.0 Room F4
31 Oct 2014	08:30-09:45	Breakout	WIN-B328	Top 10 Best Practices for Operating System Deployment with System Center Configuration Manager 2012 R2	This session focuses on ten best practices for OS Deployment. We cover items like reference builds, post OS-installation application installations, patching, and more.	Greg Ramsey	Hall 8.1 Room G

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
31 Oct 2014	08:30-09:45	Instructor-led Lab	CDP-IL301	Constructing Your Private Cloud with Windows Server and System Center, Part 2	Ever wanted to learn how to build a fully virtualized private cloud from the ground up? Do you understand how to define your hosts, clusters, networking and storage? What about Virtual Machine Manager Networking and Storage Classification requirements? Once you have your virtualized infrastructure completed, how do you then deliver a fully managed private cloud and the services to make it automated? This two-part lab series takes you through the steps of building up your first Hyper-V environment to a fully deployed private cloud, including a deep dive in both VMM and Service Templates. Part 2 continues directly on from Part 1, now assembling the building blocks for your private cloud, and creating the services to support many of the workloads you may need in your environment.	Brannan Matherson	Hall 7 ILL Room 2
31 Oct 2014	08:30-09:45	Instructor-led Lab	DBI-IL204	EMBARGO Oct28: Speed Lab! Azure Stream Analytics: Set Up and Running in Minutes to Get Real-Time Insights	Come learn how to get your own real-time insights from your data set up and running in minutes using Azure Stream Analytics. The brand new service that Microsoft is introducing called Azure Stream Analytics enables developers to easily tackle the space of data in motion by combining streams of data such as click-streams, logs, and device-generated events with historic records or reference data, to derive business insights easily and quickly. Being a fully managed, real-time stream computation service hosted in Microsoft Azure, Azure Stream Analytics provides built-in resiliency, low latency, and scalability to get you up and running in minutes. Join us to become a guru in your enterprise in delivering real-time insights using Azure Stream Analytics!	Dipanjank Banik; Kon	Hall 7 ILL Room 3
31 Oct 2014	08:30-09:45	Instructor-led Lab	WIN-IL300	Deploying Windows 8.1 with System Center 2012 R2 Configuration Manager and Microsoft Deployment Toolkit 2013	In this lab, learn how to Integrate Configuration Manager 2012 R2 with Microsoft Deployment Toolkit 2013 and create the needed OS Deployment packages and task sequences. Then import and work with drivers, and finally deploy a pre-created Windows 8.1 image in production using Configuration Manager 2012 R2.	James Bannan	Hall 7 ILL Room 1
31 Oct 2014	10:15-11:30	Breakout	CDP-B229	Mark Russinovich and Mark Minasi on Cloud Computing	Join Mark Russinovich and Mark Minasi for a lively discussion as they share their views on the cloud computing disruption and what it means for IT pros and developers. Mark Russinovich brings his perspective from leading Microsoft Azure architecture and Mark Minasi brings his IT expertise and view from outside. The economics of public cloud, future of PaaS and IaaS, how enterprises will bridge their on-premises environments with the cloud, how you should look at security in the public cloud, and what skills are important for IT pros and developers are just some of the areas they explore together.	Minasi; Mark Russin	Hall 8.0 Room C1
31 Oct 2014	10:15-11:30	Breakout	CDP-B308	Compliance and Patch Management for Linux and UNIX in System Center 2012 R2	Compliance and patch management is super important, even for Linux and UNIX computers. Starting with System Center 2012 SP1, you can deploy and update software on Linux and UNIX servers using Configuration Manager, but how do Configuration Manager features translate into compliance and patch management? This session explores several solutions to patching Linux/UNIX servers, taking a deep look at the capabilities that are built into System Center, as well as add-ins from System Center partners.	Ernst; Thorsten Her	Hall 8.1 Room H
31 Oct 2014	10:15-11:30	Breakout	CDP-B311	System Center 2012 R2 Service Manager in the Hybrid Cloud	Leverage the capabilities of Service Manager and its expandability to support your on-premises and hosted cloud solutions. Come and hear the System Center Service Manager product team talk about single and multi-tenant solutions, how to manage capacity and scale, and utilize the tool to its full potential. Our team discusses the 2012 R2 release of our Update process to help support Service Manager's growth in the market. Hear directly from the product team about our existing transitions into the cloud.	atrik Sundqvist; Ran	Hall 8.0 Room E1
31 Oct 2014	10:15-11:30	Breakout	CDP-B321	Cluster-in-a-Box Meets Datacenter Convergence to Redefine Successful Private Cloud Deployments	Come to this session to learn about Windows Server Cluster in a Box (CiB) systems, the Microsoft entry into the exploding category of converged hardware for the datacenter. See detailed customer case studies applying new CiB products to private cloud deployments. Applications include both scale-out storage and Hyper-V virtualization appliances, used for new installations and full datacenter upgrades. Before you upgrade or install new hardware, you need to see how converged systems and Windows Server Cluster in a Box have changed the game for datacenter designs.	John Loveall	Hall 8.0 Room B4
31 Oct 2014	10:15-11:30	Breakout	CDP-B334	Cloud Integrated Data Protection with System Center Data Protection Manager and Microsoft Azure Backup	Join us to understand how System Center Data Protection Manager (SCDPM) and Windows Azure Backup are stepping up to address the challenge enterprise customers and service providers face when protecting large scale cloud deployments on Windows Server 2012 R2. We share the latest update of System Center Data Protection Manager 2012 R2 (UR4) that can reliably protect thousands of VMs, leverage Windows de-duplication to optimize back-up storage and provide rich reports/dashboards to monitor and manage these large scale clouds. This protection is available in Hyper-V over SOFS deployment as well as Hyper-V over CSV in traditional SAN deployments. We recognize that protecting a heterogeneous cloud environment is a reality for enterprises; we also discuss how SCDPM can protect Microsoft workloads running on VMWare. Every enterprise is looking to augment their infrastructure management to leverage the public cloud—one such scenario is leveraging Azure as a tape replacement strategy. We are extending SCDPM to protect MS workloads in Azure with an increased retention range up to nine years (currently it is limited to 120 days) to enable this scenario. This is an interactive session where we want folks to participate, provide feedback, and share best practices with field experts in the area of cloud protection.	n Goma; Shreesh D	Hall 8.1 Room I
31 Oct 2014	10:15-11:30	Breakout	DBI-B221	TWC   Using Big Data and Machine Learning to Protect Your Online Service	Online services are currently protected by several methods, from the software development lifecycle to operational processes for incident response. One of the main assets of online services is usually overlooked: the big data created by request logs and operational event monitoring. This presentation shows how processing of big data and machine learning techniques are used to protect the online assets in the Microsoft Application & Services Group, including large services like Bing and MSN properties.	Alisson Sol	Hall 8.0 Room F5
31 Oct 2014	10:15-11:30	Breakout	DBI-B335	Hadoop for Windows Deep Dive	As the de facto platform for Big Data Apache Hadoop has matured to occupy a central place in the next generation data architecture. Hadoop does not replace existing technologies rather complements them by adding and enhancing what is possible in the enterprise. In this session, dive into the details of Hadoop on Windows, exploring each of the components and their functions within an Enterprise Hadoop distribution. He also discusses some of the common use cases, applications and data types that are being enabled with this new capability.	Rohit Bakhshi	Hall 8.0 Room F1

TechEd Europe 2014 Session Schedule

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Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
31 Oct 2014	10:15-11:30	Breakout	DEV-B306	Building Multi-Device Applications with Xamarin and Cordova with Office 365 APIs	Visual Studio developers have two powerful options for developing multi-device applications: Cordova and Xamarin. Cordova support in Visual Studio enables you to ship mobile applications written with HTML/JS, while Xamarin enables developers to use Visual Studio to write native applications for iOS, Android, and Windows Phone using C#. This session shows you how to use the Microsoft Office 365 APIs in mobile device applications built in these project types to take advantage of the many services in Office 365. The Office 365 APIs make available the following services: Azure Active Directory Users and Groups, Files (OneDrive and OneDrive for Business), Mail, Calendar, Contacts and SharePoint Sites. See some examples of Xamarin and Cordova applications running. Understand the scenarios where you would use Office 365 APIs in mobile device applications. Finally, learn how to get started with Office 365 APIs in Xamarin and Cordova Visual Studio Projects.	Montemagno; Jason	Hall 8.0 Room D3
31 Oct 2014	10:15-11:30	Breakout	DEV-B333	Cross-Platform Continuous Delivery with Release Management for Visual Studio 2013	With Release Management you can achieve true continuous delivery on any platform. This session demos how to use Release Management for continuous delivery in Cross-Platform environments including Windows and Linux. We cover how to leverage Desired State Configuration (DSC) and Chef integration to create a release pipeline for both Windows and Linux.	Donovan Brown	Hall 8.0 Room B1
31 Oct 2014	10:15-11:30	Breakout	DEV-B343	Building Real-Time Applications with ASP.NET SignalR	WebSockets has heralded the coming of the real-time web, enabling amazing new experiences in your web browser and connected device. But, new paradigms bring new challenges. What about clients that don't have WebSockets support? How do real-time web features affect the scalability of my web application? How do I organize persistently connected users into logical groups for efficient message delivery? Oh, and make it really, really simple. In this session, learn how ASP.NET SignalR does all this and more.	Brady Gaster	Hall 8.1 Room J
31 Oct 2014	10:15-11:30	Breakout	EM-B410	Advanced Active Directory Federation Services and Web Application Proxy Troubleshooting	Follow the setup Wizards, click, click, click... and you are done! But, what if it doesn't work, or it started to work and then stopped. Come to this session and learn how to take a pragmatic approach to troubleshooting Active Directory Federation Services (AD FS) (Windows Server 2012 R2) and the Web Application Proxy. The session looks at the components of AD FS and then shows you useful tips, techniques, and tools to allow you to rapidly resolve issues. To fully appreciate this session you will need AD FS experience, the session is packed with demos.	John Craddock	Hall 8.0 Room B2
31 Oct 2014	10:15-11:30	Breakout	OFC-B220	Black Belt Exchange and Office 365 PowerShell	Manage Microsoft Exchange and Microsoft Office 365 like a pro! In this session we talk through the basics of Exchange and Office 365 PowerShell, then show you how automating common tasks like use management and migration, monitoring and troubleshooting is easier with PowerShell.	Steve Goodman	Hall 8.0 Room E9
31 Oct 2014	10:15-11:30	Breakout	OFC-B235	Office 365 Compliance	In this session, hear from a deep subject matter expert about how we do compliance in the space of Archiving, Auditing, eDiscovery, Retention, DLP, and devices. Join this session to see where we've come from and where we're going, including our product strategy across Microsoft Office 365.	my; Sara Manning D	Hall 8.0 Room F4
31 Oct 2014	10:15-11:30	Breakout	OFC-B410	Enterprise Networking with Microsoft Lync Server 2013: Network Bandwidth and QoS Requirements	You are in the middle of discussions with the customer on deploying Lync. The networking department starts asking you questions like: How much bandwidth do we need to provide for Lync traffic in our WAN? Will you need QoS for Lync and what kind of QoS? How can we guarantee that our critical data will still be able to flow through our network when users are communicating using Lync? Come to this session to learn how to answer these and similar questions and what tools you can use to make the networking guys happy.	Korneel Bullens	Hall 8.0 Room F7
31 Oct 2014	10:15-11:30	Breakout	OFC-B411	Office 365 Network Performance Troubleshooting	In this session, we outline a process for troubleshooting performance issues with customer connections to Microsoft Office 365. Most of the time, finding the root cause of a performance problem will result in the customer being able to make a change to alleviate the issue. In this talk we cover the most common issues causing performance problems when connecting to Office 365, how to test for them, and how to resolve them.	l Collinge; Paul And	Hall 8.0 Room D4
31 Oct 2014	10:15-11:30	Breakout	WIN-B308	The New Cocktail: 1 Tablet + 1 PC + 1 Phone + 1 Kinect + 1 Wall, Served Up on a Cloud	In the new digital era, we aim to show a set of technologies highlighting the user-friendly interfaces, the intuitive usage, the power of Microsoft online services, the full integration of each other's and the benefits in terms of cost savings and brand: business options and marketing possibilities have no limits! We tell a story that will make Microsoft devices and services strategy shine, through the adoption of tablet, Windows 8.1, Windows Phone 8.1, Kinect, Microsoft Office 365 and Microsoft Azure. In a retail store scenario we show a new way of interacting between the customers and the clerks, the devices, and any "touch-made" surface, the on-premises and in the cloud worlds. Microsoft Azure becomes the pivotal element that simplifies the developer life and, at the same time, boosts the business up. All of them are the key elements for a really engaging and impactful demo!	io Marinelli; Luca B	Hall 8.1 Room K
31 Oct 2014	10:15-11:30	Breakout	WIN-B318	Windows 8.1: Black Belt Security	Learn why and how you should leverage the Windows 8.1 security technologies like BitLocker, AppLocker, UAC, Least Privilege and Remote Desktop Restricted Admin -mode. In this 75 minute bombardment against the Windows OS you will see scary hands-on examples on how to break into an unprotected OS. If you still need to convince your boss to give you budget for implementing more security measures you don't want to miss this! Sami's black belt session was evaluated as the best session in TechEd North America 2014, TechEd Australia 2013 and as the best session by an external speaker in TechEd Europe 2013.	Sami Laiho	Hall 8.1 Room G
31 Oct 2014	10:15-11:30	Breakout	WIN-B338-R	Windows 10: Deployment (repeated from 28 Oct at 17:00)	With the upcoming release of Windows 10, there will be new and updated ways to deploy Windows. In this session, we'll review new recommendations for upgrading existing devices using a simple in-place upgrade process, provisioning tools for transforming new devices into ones ready for enterprise use, as well as updates to traditional deployment tools and techniques (ADK and beyond). We'll also talk about application compatibility, hardware requirements, and other common deployment questions.	Mike Niehaus	Hall 8.0 Room A2
31 Oct 2014	10:15-11:30	Breakout	WIN-B356	Three-Way Data Binding in Universal Apps: View, View Model, and Cloud	In this mobile-first and cloud first world we take you on a journey, where you, the audience, participate in demonstrating what is possible when building a Universal application linked to the cloud. The demo walks through some of the basic data binding features which some of you know and love, to a grand finale of scenarios using Mobile Services and SignalR. This session requires audience participation through the use of your mobile devices.	Shen Chauhan	Hall 8.1 Room L

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
31 Oct 2014	10:15-11:30	Instructor-led Lab	CDP-IL202	Introduction to Hyper-V High-Availability with Failover Clustering	This lab is for anyone who wants to learn about Windows Server 2012 R2 Failover Clustering, focusing on configuration for Hyper-V clusters. Attend this Lab to learn how to build a highly-available infrastructure in just one hour. Configure and validate a cluster, configure a scale-out file server, deploy a clustered Hyper-V virtual machine and configure its advanced properties, and create a Hyper-V Replica Broker. We also cover planning, licensing, virtualization, support, validation, hardware, networking, and storage. Learn how to build your own Windows Server 2012 R2 Failover Cluster from scratch, and no prior cluster knowledge is needed.	Symon Perriman	Hall 7 ILL Room 2
31 Oct 2014	10:15-11:30	Instructor-led Lab	DBI-IL200	Authoring a Hand-Written Digit Recognizer in Microsoft Azure Machine Learning Studio	In this lab, use Microsoft Azure Machine Learning to author an experiment for recognizing hand-written digits through a neural network multiclass classification algorithm. We use a labeled dataset with 5000 training examples of the handwritten digits to train and test a multiclass neural network with training data. Optionally, we also test the trained neural network model with cross validation data, evaluate the training and cross validate the models. We then save the trained model, create a scoring experiment and publish a scoring web service to a staging environment which will be used to predict the digit that corresponds to input data provided as parameter to the service.	Nishant Thacker	Hall 7 ILL Room 1
31 Oct 2014	10:15-11:30	Instructor-led Lab	EM-IL201	Microsoft Azure RemoteApp	This lab demonstrates how IT administrators can deploy Azure RemoteApp to enable their users to quickly access to their work resources from any device.	Omar Gillani	Hall 7 ILL Room 3
31 Oct 2014	12:00-13:15	Breakout	CDP-B338	Lessons Learned from a Customer Integrating a Custom Portal with the Azure Pack	Learn how a customer integrated their custom portal with Azure Pack in order to offer cloud services to their customers using entirely the Cloud OS Stack (Windows Server 2012 R2, System Center 2012 R2, and Azure Pack).	Thomas Roettinger	Hall 8.1 Room H
31 Oct 2014	12:00-13:15	Breakout	CDP-B342	Management Pack Authoring for IT Professionals	Monitoring infrastructure is a crucial function in any datacenter. Due to the complexities involved, IT administrators have traditionally either requested services from consultant firms or bought pre-packaged management packs to monitor their infrastructure. Come learn how MP Author, a free management pack authoring tool can be used to create robust management packs that adapt to the needs of your business. Also, come see how MP Author integrates with MP Studio to address the complete lifecycle of a management pack.	Al Chehowski; Raul E	Hall 8.0 Room F5
31 Oct 2014	12:00-13:15	Breakout	CDP-B345	Orchestrate, Automate, and Secure Your Applications Using Microsoft Azure Resource Manager	Do you want to look at your entire application as a unit, create a template for your app and deploy it automatically for your dev/test environment? Do you want to make sure dependencies across your resources are managed automatically? How about grouping resources the way you like by tagging them? If you answered yes to any of this, then let us introduce you to a modern cloud management solution for Microsoft Azure.	Aravind; Gautam Thapar; K	Hall 8.0 Room E9
31 Oct 2014	12:00-13:15	Breakout	CDP-B348	TWC   Enhanced Mitigation Experience Toolkit 5.0: How to Fight against Zero-Day Exploits	In this session, learn about Enhanced Mitigation Experience Toolkit (EMET) and how you can fight efficiently against Zero-Day exploits. Learn how EMET works and see examples of how global companies have implemented EMET in their enterprise.	Joonas Karjalainen	Hall 8.0 Room B2
31 Oct 2014	12:00-13:15	Breakout	CDP-B359	The IT Pro's Dynamic Operations Role within DevOps	This session focuses on the Plan, Develop, Release and Operate phases in the DevOps movement. As you move towards Microsoft's Cloud OS, IT pros and developers need to understand the dynamic integration that is possible within the Microsoft DevOps movement. The session focuses on the IT professional's role within the Microsoft DevOps movement, with technical demonstrations of the on-premises integration requirements and processes between System Center and Visual Studio. Resulting in Agile infrastructure deployment and monitoring, and in Agile application development.	Morgan Webb	Hall 8.1 Room L
31 Oct 2014	12:00-13:15	Breakout	DBI-B312	Application Lifecycle Management for SQL Server Database Development	Come explore how to integrate SQL Server tooling in Visual Studio with Team Foundation Server to enable continuous integration and database unit testing. Getting SQL Server database projects to work with Team Foundation Server (TFS) has been a challenging task until now. Come and see how easy this process has become and how to integrate SQL Server database projects, database unit testing and continuous integration. This talk covers setting up SQL Server database project builds on TFS, adding database unit tests, and running unit tests using continuous integration.	John Cunnane; Lonny Ba	Hall 8.0 Room F4
31 Oct 2014	12:00-13:15	Breakout	DBI-B331	SQL Server Hybrid Features End to End	In this session we provide an overview across multiple hybrid features in High Availability & Disaster Recovery (HADR). With these features you can determine how they help build the HADR strategy you need when running SQL Server in hybrid settings. We drill down to individual features including Backup to Azure, Managed Backup, Azure Replica, SQL Server Data Files in Microsoft Azure, and Deployment Wizard with lots of demos.	Stefan Carlos Vargas Herr	Hall 8.0 Room F1
31 Oct 2014	12:00-13:15	Breakout	DEV-B213	Building Universal Apps Using the Patterns & Practices Prism Framework	Microsoft Patterns & Practices has published best practices to build maintainable Universal Apps. This includes prescriptive guidance around common scenarios, code samples demonstrating solutions, and a framework called Prism enabling MVVM and lighting up some core Windows Runtime features. Come get an introduction to Prism.	Jerry Nixon	Hall 8.1 Room I
31 Oct 2014	12:00-13:15	Breakout	DEV-B304	Search Content Enrichment and Extensibility in Microsoft SharePoint 2013	SharePoint search has the power to index a variety of content. With SharePoint 2013, it has the ability to infer a variety of details about the content. In this session, learn more about the extensibility of SharePoint search. As a developer, we can further enhance the content indexed using a web service callout. This allows us to add metadata to the index based on other data that we can infer without user input. In this talk, we build a web service that returns additional metadata for use in the search index. We go through the steps of building the web service including specifying input and output properties. We then make use of these properties with custom queries and display templates in the search center.	Corey Roth	Hall 8.0 Room D1
31 Oct 2014	12:00-13:15	Breakout	DEV-B307	Weave Your Enterprise Solutions Directly into Microsoft Office Products with the App Model	Apps for SharePoint and Apps for Office allow you as an enterprise developer to weave your existing enterprise solutions throughout the Office products that your users live in day to day. In this session, see compelling real-world examples that light up existing Office products in context of key enterprise scenarios. The session highlights tips and tricks on architecting this solution in Visual Studio along with Patterns & Practices guidance. Understand what scenarios are available to surface your customizations in Office products. See real-world enterprise scenarios that span multiple products stitching together an enterprise solution. Learn tips on how to architect enterprise solutions with the App Model.	Andrey Salamatov; Chris C	Hall 8.0 Room D4

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
31 Oct 2014	12:00-13:15	Breakout	DEV-B341	Running a Global Massively Scalable Web Application on Microsoft Azure Web Sites	The cloud world makes great promises of massive and flexible scaling as your needs and business and usage grows. However developing web applications that run at enormous scale is not as simple as flipping a switch. Azure Web Sites is a Web PaaS designed to support this scenario. In this session we go into detail on how to support web applications which require massive scale at a global level of reach. We also cover in-detail all aspects of building web applications to meet these demands across the entire stack, including content replication and synchronization, caching strategies, database architectures, CDN, and more.	Ahmed ElSayed	Hall 8.0 Room B1
31 Oct 2014	12:00-13:15	Breakout	DEV-B349	Windows for IoT Devices	Learn about the latest Microsoft operating systems and runtimes for building Internet of Things (IoT) devices, with a focus on maker-class hardware.	Steve Teixeira	Hall 8.0 Room E1
31 Oct 2014	12:00-13:15	Breakout	DEV-B411	Entity Framework Model Partitioning in Domain-Driven Design Bounded Contexts	Bounded Context is one of the most critical patterns in Domain-Driven Design (DDD). While you shouldn't have to worry about your data persistence while you are modeling your domain, it is still worrisome to follow DDD patterns not knowing how you'll get your ORM to fall in line when it's time to implement the data layer. Entity Framework sample solutions have a long history of creating one huge model to map to one huge database to satisfy all of the needs of your application. In this session we look at patterns using Entity Framework that will support not only multiple bounded contexts in your software but even those areas that are satisfied with pure CRUD logic. You also see patterns to bridge the divides between those bounded contexts when implementing the data persistence with Entity Framework.	Julie Lerman	Hall 8.1 Room G
31 Oct 2014	12:00-13:15	Breakout	EM-B323	User Experience in Virtual Desktop Environments: When Is It "Good Enough"?	When planning to deploy Windows desktops and applications in modern cloud and mobility environments, acceptable user experience is an important success factor. Unfortunately, traditional benchmarking parameters—such as frame rates and system performance counters—do not entirely represent the perceived user experience on a remote client. Aspects like client capabilities, media redirection, changing network conditions, compression artifacts, media asynchrony or UI response time delays introduce significant new challenges. In his session you will learn about benchmarking remote user session and virtual desktop performance. You are introduced to a working set of acceptance criteria and test methodology best practices he derived from real customer projects and by evaluating dozens of reference environments in his test lab. Examples from an archive of several thousand videos with recorded test sessions collected over the last years show you the difference between good and bad user experience in VDI and cloud environments. In this session, get expert guidance on how to build your own remote UX test lab and what your test criteria should be.	Benny Tritsch	Hall 8.0 Room A2
31 Oct 2014	12:00-13:15	Breakout	OFC-B329	Lync-Skype Connectivity v2: Demos, Business Solutions, and Deep Dive	Lync-Skype connectivity v2 includes video calling, enterprise grade security mechanisms, and best-of-breed audio quality. We provide basic calling demonstrations on various platforms, including Microsoft Xbox One, Outlook.com as well as the usual desktop versions. We show you how to enhance your websites with v2-compatible scripts so visitors can call directly from websites using Skype URIs. We show you the latest deployment guidelines for both Microsoft Lync Server and Lync Online, and finally, we share what's real today as well as what you can expect in the future.	ek Whittle; Barry Ca	Hall 8.0 Room F7
31 Oct 2014	12:00-13:15	Breakout	OFC-B332	Microsoft Exchange Server 2013 SP1 High Availability and Site Resilience	This session covers the very latest information about and best practices for database availability groups, mailbox database copies, high availability-related Managed Availability health sets, witness server placement, site resilient designs, Windows Server 2012 failover cluster features and DAGs, and more!	Scott Schnoll	Hall 8.1 Room J
31 Oct 2014	12:00-13:15	Breakout	WIN-B326	Advanced Windows Defense	Interested in security? Want to protect your data in the real world? See how Microsoft Windows addresses security as a whole system, one layer at a time. Explore methods of developing a secure baseline and how to harden your Windows Enterprise architectures and applications from pass-the-hash and other advanced attacks.	Erdal Ozkaya	Hall 8.0 Room C1
31 Oct 2014	12:00-13:15	Breakout	WIN-B341	Windows 10: Remote Access Connectivity	This session provides a detailed overview on "Enterprise Secure Remote Access" in W10. In Windows 8.1, we added VPN for Windows, added new SSL VPN platform for 3rd party to develop their VPN client, and capabilities like auto-triggering and MDM management. In W10, we are extending the VPN platform by adding platform capabilities like per-application VPN, Always ON, integration with Enterprise data protection (EDP) and other exciting functionalities.	Abhishek Tiwari	Hall 8.0 Room B4
31 Oct 2014	12:00-13:15	Breakout	WIN-B357	Windows 8.1 Programming with C# and XAML	In this interactive session, we create an application in C# and XAML. Upon building the app there are multiple areas we explore, however the choice of where this session leads is up to the audience. The application will be broken down into multiple scenarios and as the product owners you get to decide what we implement. Topics the users can choose from include using Sensors, Toast Notifications, User Information with Roaming Profiles, Live Tiles and Globalization, to name a few. This talk may require audience participation through the use of mobile devices.	Shen Chauhan	Hall 8.1 Room K
31 Oct 2014	14:45-16:00	Breakout	CDP-B208	TWC   Managing Cybersecurity Threat: Protect, Detect, and Respond	This session starts with a brief overview of the threat landscape, highlighting the standard possible vectors of attack that IT organizations leveraged by attackers. With that grounding, it drills down into the three IT security areas that organizations can leverage to manage cybersecurity risk: protecting, detecting, and responding to cyber incidents whether they take place in a private data center on the public cloud.	Jeff Jones	Hall 8.0 Room C1

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
31 Oct 2014	14:45-16:00	Breakout	CDP-B220	Windows and Microsoft Azure Centric Data Management	Learn how to improve your data management efficiency by enabling a single, Windows Centric Data Management software solution to give administrators and users better and more knowledgeable access to their data. This session focuses on Microsoft Azure, hybrid and on-premises environments. Learn techniques for data management best practices. Come learn, discuss, and see live demonstrations of Windows Centric Data Management including efficient techniques for E-Discovery, Compliance, and content indexing of many environments including:  Microsoft Exchange and Microsoft Office 365, Microsoft SharePoint, Hyper-V including migration of VMware to Hyper-V, SQL Server, Snapshot management, Deduplication, Encryption, Active Directory, Windows Server, Windows 8 and 8.1, EDGE management, and Windows Mobile and Lync. Integration with Systems Center Operations Manager (SCOM) and using Windows Server to manage heterogeneous data are also covered.  Learn efficient ways to assist and accelerate upgrades and strategic uses for Windows Server and Azure as primary and tiered storage locations. Create a single indexed, searchable set of data across on-premises and Azure (cloud hosted) environments.	o; Mike Opal; Randy	Hall 8.0 Room F5
31 Oct 2014	14:45-16:00	Breakout	CDP-B307	Telemetry and Data Flow at Hyper-Scale: Azure Event Hub	In this session, learn about and see the capabilities of the newest addition to the Microsoft Azure Service Bus messaging infrastructure: Event Hub. Event Hub allows ingestion of application telemetry, diagnostics data, and device telemetry and environment data from the "Internet of Things" (IoT) at a high scale of thousands of different event sources and at high data ingress rates, while providing a simple management and programming model that supports HTTPS, as well as the highly efficient AMQP 1.0 messaging protocol.	ters; Todd Holmquist	Hall 8.0 Room D1
31 Oct 2014	14:45-16:00	Breakout	CDP-B313	Leveraging Service Management Automation and Windows PowerShell JEA in Service Provider Operations	Automation includes a balance of power and trust. Leveraging a combination of Service Management Automation (SMA) and PowerShell Just Enough Admin (JEA), you can deploy an operations platform where administrators perform work at scale across untrusted environments. Join us for this session as we explore what it takes to deploy a Hosted SMA Architecture protected by JEA with a PowerShell Web Access (PSWA) front-end.  As a bonus, we explore the various options for automating IaaS VM deployment and configuration leveraging SMA, PowerShell Desired State Configuration (DSC), and Azure Automation!	Michael Greene; Thom	Hall 8.1 Room H
31 Oct 2014	14:45-16:00	Breakout	CDP-B335	Hyper-V Best Practices for High-Availability with Failover Clustering	This technical session discusses Windows Server 2012 R2 Hyper-V and Failover Clustering design, infrastructure planning, and deployment considerations for your highly-available datacenter or private cloud. In this session, we discuss the pros and cons of how different solutions can provide continuous availability to virtualized environments with a focus on Failover Clustering. Learn how Windows Server 2012 R2 moves the datacenter closer to a hybrid cloud implementation, while offering persistent availability from both planned and unplanned downtime. This session covers licensing, hardware, validation, deployment, upgrades, host clustering, guest clustering, disaster recovery, multi-site clustering, and offers a wealth of best practices. Prior clustering and Hyper-V knowledge recommended.	Symon Perriman	Hall 8.1 Room G
31 Oct 2014	14:45-16:00	Breakout	CDP-B358	Windows Server Data Deduplication at Scale: Dedup Updates for Large-Scale VDI and Backup Scenarios	Come to this session to learn how Windows Server data deduplication can be used to support large-scale deployments of VDI (Virtual Desktop Infrastructure) and Microsoft System Center Data Protection Manager (DPM). Detailed configurations and workload performance analysis are shown for scenarios with hundreds of VMs supported by Windows Scale Out File Server on standard industry hardware. This session gives you all the information you need to start taking advantage of Windows data deduplication for these large-scale workloads.	brock; John Loveall; J	Hall 8.1 Room I
31 Oct 2014	14:45-16:00	Breakout	DBI-B411	Extending Your Hadoop Distributions in the Cloud	Discover the benefits of deploying Hadoop in the cloud (no hardware to acquire, no hardware maintenance, unlimited elastic scale, and instant time to value). If you have already deployed Hadoop on-premises, this session also provides an overview of the key scenarios and benefits of joining your on-premises Hadoop implementation with the cloud (by doing backup/archive, dev/test or bursting). Learn how can get the benefits of an on-premises Hadoop that can seamlessly scale with the power of the cloud.	Matthew Winkler	Hall 8.1 Room L
31 Oct 2014	14:45-16:00	Breakout	DEV-B209	Best Practices for Using Open Source Software in the Enterprise	Most of us understand the benefits of using open source software (OSS) and libraries. Heck, even Microsoft embraces it, so why can't you adopt it as well in your enterprise? Open source can be a blessing and a curse at the same time. We probably all remember incidents like the "heart bleed" vulnerability in a popular open source implementation of SSL. So, if open source becomes more and more prevalent, how can we cope with the challenges that lay at hand? We will be challenged with all sorts of questions in the enterprise: What are the license implications when I take a dependency on a library with a viral type of license? What version of open source libraries are we using and are they the choice of the generic public or did we select one we now need to maintain ourselves? Are there known vulnerabilities in the libraries we use, and if so, are we affected by that?  In this session, we take a practical approach to using open source libraries in product development for the enterprise. We touch briefly on the license types and the ones to look out for. We show you how an artefact repository system can help you to answer a lot of the tough questions. Learn how to integrate a system that is very popular, called Nexus, in your continuous deployment strategy and ensure a frictionless experience for your developers. We show integration with NuGet and how to manage open source dependencies using proxy facilities so you can ensure only a curated set of libraries are used, and meet compliance requirements for your business.	Marcel de Vries	Hall 8.1 Room J
31 Oct 2014	14:45-16:00	Breakout	DEV-B320	Building Microsoft Azure Mobile Services with Visual Studio	Today's data-driven apps are all powered by an easy-to-use backend. In this session, we take deep dive into one such backend: Azure Mobile Services. Learn how to connect your app to a .NET Mobile Service, how to add authentication, and send push notifications using notification hubs. We also discuss Mobile Service concepts like scheduled jobs and how to publish your Mobile Service. Finally and most importantly, learn how to effectively troubleshoot and diagnose issues with your .NET Mobile Service. By building a sample app in the session, we take a comprehensive look at both Mobile Services and the tools in Visual Studio to help you succeed.	Merwan Hade	Hall 8.0 Room B4

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
31 Oct 2014	14:45-16:00	Breakout	DEV-B324	C++ Scenarios for C# Developers	Join us as we explore top scenarios where your managed application might benefit from the speed and native power of C++. We look at elements of modern C++, key similarities and differences with C#, and take a look at some code.	Kevin Pilch-Bisson	Hall 8.0 Room B1
31 Oct 2014	14:45-16:00	Breakout	EM-B313	Microsoft Azure Multi-Factor Authentication Deep Dive: Securing Access on Premises and in the Cloud	Using Azure Multi-Factor Authentication, adding a second factor of authentication to on-premises and cloud applications is easier than ever. Join this session for a technical breakdown of Azure Multi-Factor Authentication and how it works with Active Directory, Active Directory Federation Services, and Azure Active Directory to enable rapid deployment of strong authentication for a wide range of applications. Multi-Factor Authentication (MFA) secures access to remote access VPNs, virtual desktops, web applications (OWA and SharePoint), cloud services (Office 365), and custom applications. New features and MFA roadmap are making our offering even better. We show you how.  Objectives: 1. Add a second layer of security to on-premises and cloud application access; 2. Deploy Multi-Factor Authentication Server for on-premises applications; and 3. Describe new additions to Multi-Factor Authentication feature set and the roadmap of the service.	s Kladakis; Shawn B	Hall 8.0 Room B2
31 Oct 2014	14:45-16:00	Breakout	OFC-B315	eDiscovery and Organizational Search in Microsoft Office	Learn about the new eDiscovery features in Office 2013 and Office 365 to support legal teams for risk mitigation that lowers costs and has minimal business interruption. We demo in-place holds, queries across the Office platform, and industry standard exports for review and production.	Zohaib Ali	Hall 8.1 Room K
31 Oct 2014	14:45-16:00	Breakout	OFC-B327	Virtualizing Microsoft Lync Server 2013 Planning and Architecture	Microsoft Lync includes capabilities for real-time communications such as IM, audio, video, and conferencing. Learn how virtualization solutions impact these communications and how to best deploy Lync when leveraging virtualization capabilities—including server and client virtualization strategies and supported methods. Discuss common virtualization features and their support and impact on Microsoft Lync Server, the virtualization options for Lync Server and Lync clients, and understand the common and recommended methods for sizing and planning a Lync solution that includes virtualized components.	Campbell Gunn	Hall 8.0 Room E9
31 Oct 2014	14:45-16:00	Breakout	OFC-B355	Office 365 ProPlus Deployment Deep Dive	This session covers the under-the-hood details of the Click-to-Run technology of Office 365 ProPlus and how it actually works. We go into the virtual file system and explain why apps can be run before they are locally-cached. We talk about the virtual file system and how side-by-side works, and cover the ins and outs of retail subscription activation.	Martin Nothnagel	Hall 8.0 Room D4
31 Oct 2014	14:45-16:00	Breakout	WIN-B316	Project Virtual Reality Check: Microsoft App-V 5.0 Performance, Tuning, and Optimization	Organizations are adopting Application Virtualization with App-V 5.0 for the positive impact or for lifecycle management. The end result from a user and administrator perspective is that the performance of App-V applications should be the same, if not better. This assumption of performance being similar to traditional applications and better than previous versions of App-V requires a closer look. Some important questions must be answered: Is the performance better? What if the performance is significantly lower? Can your environment handle the user load? To answer these questions about App-V 5.0, we put it to the test! This session shares the unique results of extensive testing, across various scenarios, and provide a comparison of App-V 5.0, previous versions of App-V, traditionally installed applications. We're not talking about 'perceived' performance here, but factual and reproducible data, figures and graphs that will help you identify the performance impact of a migration to this technology or this version. Moreover, we show you effective and ineffective tuning and optimization tweaks that will improve the performance of your environment immediately! If you are interested in this Virtual Reality Check, join us in this high intensity and information rich session.	Van Der Plas; Ryan B	Hall 8.0 Room E1
31 Oct 2014	14:45-16:00	Breakout	WIN-B410	Case of the Unexplained: Troubleshooting with Mark Russinovich	Come hear the master of Windows troubleshooting, walk you step-by-step through how he has solved seemingly unsolvable system and application problems on Windows. With all-new real case studies, I will show you how to apply the Microsoft Debugging Tools and his own Sysinternals tools, including Process Explorer, Process Monitor, to solve system crashes, process hangs, security vulnerabilities, DLL conflicts, permissions problems, registry misconfiguration, network hangs, and file system issues. These tools are used on a daily basis by Microsoft Product Support and have been used effectively to solve a wide variety of desktop and server issues, so being familiar with their operation and application will assist you in dealing with different problems on Windows.	Mark Russinovich	Hall 8.0 Room A2
		Hands-on Lab	CDP-H200	Build Your Storage Infrastructure with Windows Server 2012 R2	In this lab, create a new storage-optimized file server using Tiered Storage Spaces and deduplication. Next, create a three node Scale-Out File Server Cluster.		Hall 7
		Hands-on Lab	CDP-H201	Implementing Desired State Configuration in Windows Server 2012 R2	In this lab, learn how Desired State Configuration in Windows PowerShell 4.0 allows you to deploy, maintain, and remediate to the desired state.		Hall 7
		Hands-on Lab	CDP-H202	Introduction to Hyper-V High-Availability with Failover Clustering	This lab is for anyone who wants to learn about Windows Server 2012 R2 Failover Clustering, focusing on configuration for Hyper-V clusters. Attend this Lab to learn how to build a highly-available infrastructure in just one hour. Configure and validate a cluster, configure a scale-out file server, deploy a clustered Hyper-V virtual machine and configure its advanced properties, and create a Hyper-V Replica Broker. We also cover planning, licensing, virtualization, support, validation, hardware, networking, and storage. Learn how to build your own Windows Server 2012 R2 Failover Cluster from scratch, and no prior cluster knowledge is needed.		Hall 7

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
		Hands-on Lab	CDP-H203	Introducing Azure Pack	The Azure Pack is a collection of Microsoft Azure technologies available to Microsoft customers at no additional cost. Once installed in your datacenter, the Azure Pack integrates with Microsoft System Center and Windows Server to help provide a self-service portal for managing services such as web sites, virtual machines, and Service Bus; a portal for administrators to manage resource clouds; scalable web hosting; and more. In this lab, first walk through the Tenant User experience - consuming WAP plans, implementing web sites, virtual machines and virtual machines roles, virtual networking and databases, as well as customized the subscriptions for your usage. Next, explore the Service Administration and look at the engine behind WAP. Explore web site clouds, VMM integration and IaaS clouds, both SQL Server and MySQL cloud offerings as well as other features such as administration, plan/subscription setup, and usage reporting. Finish by looking at the architecture of a WAP deployment and how it is built on Windows Server 2012 R2 and System Center 2012 R2.		Hall 7
		Hands-on Lab	CDP-H204	Introduction to Microsoft Azure Virtual Machines, Part 1	Virtual machines and virtual networks are the core infrastructure foundation in Azure. In this lab, provision new VMs both manually and using automation/Windows PowerShell. Learn all about virtual networks and connectivity between VMs in Azure as well as between Azure and the outside world. Also, learn how to spin up your own VMs from VM you might have in your own data centers.		Hall 7
		Hands-on Lab	CDP-H205	Introduction to Microsoft Virtualization, Part 1: Host Management	In this lab, deploy the infrastructure for a highly-virtualized datacenter using Windows Server 2012 R2 Hyper-V and Microsoft System Center 2012 R2 Virtual Machine Manager. First, configure storage, file shares and virtual switches so that the Hyper-V hosts can use the pooled resources. Next, configure network virtualization to enable virtual machines to connect to other services. Finally, create a failover cluster and connect it to the storage and networking fabric. After completing this lab, take Part 2 - Virtual Machine Management, where you will build VMs and services to run on this infrastructure.		Hall 7
		Hands-on Lab	CDP-H206	Introduction to Microsoft Virtualization, Part 2: Virtual Machine Management	In this lab, create and manage virtual machines and services for a highly-virtualized datacenter using Windows Server 2012 R2 Hyper-V and Microsoft System Center 2012 R2 Virtual Machine Manager. First, deploy a VM and configure its live migration settings. Next, configure a Hyper-V replica between a host and a cluster for disaster recovery. After this, deploy virtual networks using software defined networking. Next, VM templates and profiles are explored and finally, you create and secure private clouds. Before this lab, take Part 1 - Host Management, where you build the infrastructure that supports these VMs.		Hall 7
		Hands-on Lab	CDP-H207	Speed Lab 1! System Center 2012 R2: Introduction to Infrastructure Provisioning and Monitoring	System Center 2012 R2 is the industry's leading datacenter management system, providing a variety of infrastructure, automation, self-service, IT service management, VM and application management capabilities. Complete this lab to learn the basics of every System Center 2012 R2 infrastructure component, including Virtual Machine Manager, Operations Manager, Advisor, App Controller, and Data Protection Manager		Hall 7
		Hands-on Lab	CDP-H208	Speed Lab 2! System Center 2012 R2: Introduction to Automation, Service, and Application Management	System Center 2012 R2 is the industry's leading datacenter management system, providing a variety of infrastructure, automation, self-service, IT service management, VM and application management capabilities. Complete this lab to learn the basics of every System Center 2012 R2 automation, services and application component, including Orchestrator, Configuration Manager, Endpoint Protection, Operations Manager, and Service Manager.		Hall 7
		Hands-on Lab	CDP-H209	Introduction to App Development on Microsoft Azure: The Basics	In this lab, you build a simple web application and database from scratch and learn about both application development basics of client side HTML, CSS and JavaScript, server side web API code and the underlying Azure web, database and identity infrastructure. If you don't know anything about development, or have not done any modern app development and you want to combine this with learning about application infrastructure on Azure - this ILL is for you.		Hall 7
		Hands-on Lab	CDP-H210	Introduction to Microsoft Azure Active Directory: IT Pro Scenarios	In this lab, learn about the core IT pro scenarios for Azure Active Directory: using Azure Active Directory to extend your on-premises AD for cloud applications, and integrating authentication with third-party applications. Learn just enough of the basics to be dangerous and how to show off the capabilities of Azure Active Directory to your customers.		Hall 7
		Hands-on Lab	CDP-H300	Constructing Your Private Cloud with Windows Server and System Center, Part 1	Ever wanted to learn how to build a fully virtualized private cloud from the ground up? Need to understand how to define your hosts, clusters, networking, and storage? What about Virtual Machine Manager (VMM) Networking and Storage Classification requirements? Once you have your virtualized infrastructure completed, how do you then deliver a fully managed private cloud and the services to make it automated? This two-part lab series takes you through the steps of building up your first Hyper-V environment to a fully deployed private cloud, including a deep dive in both VMM and Service Templates. Part 1 takes you through setting up your virtualized infrastructure - compute, networking, and storage to ready you for your private cloud.		Hall 7
		Hands-on Lab	CDP-H301	Constructing Your Private Cloud with Windows Server and System Center, Part 2	Ever wanted to learn how to build a fully virtualized Private Cloud from the ground up? Do you understand how to define your hosts, clusters, networking, and storage? What about System Center Virtual Machine Manager Networking and Storage Classification requirements? Once you have your virtualized infrastructure completed, how do you then deliver a fully managed private cloud and the services to make it automated? This two-part lab series takes you through the steps of building up your first Hyper-V environment to a fully deployed private cloud, including a deep dive in both VMM and Service Templates. Part 2 continues directly on from Part 1, now assembling the building blocks for your private cloud, and creating the services to support many of the workloads you may need in your environment.		Hall 7
		Hands-on Lab	CDP-H302	Exploring Windows Server 2012 R2 Hyper-V	This lab offers an overview of new capabilities in Windows Server 2012 R2 Hyper-V, including Hyper-V Replica.		Hall 7
		Hands-on Lab	CDP-H303	Exploring Virtualization with Windows Server 2012 R2 Hyper-V	This lab provides an overview of new capabilities in Windows Server 2012 R2 Hyper-V, including Hyper-V Replica.		Hall 7

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
		Hands-on Lab	CDP-H304	Introduction to Microsoft Azure Virtual Machines, Part 2	This lab builds on the knowledge you gained in part 1 to provision a new virtual machine. This lab continues the journey with a more complex scenario—installing Active Directory, your own DNS and spinning up client machines that are domain joined and authenticated—it's like creating your very own infrastructure playground.		Hall 7
		Hands-on Lab	CDP-H305	Managing Hardware with Datacenter Abstraction Layer	In this lab, manage your network and storages devices with standards-based commandlets through Windows PowerShell.		Hall 7
		Hands-on Lab	CDP-H306	Managing Linux Servers with System Center 2012 R2	This lab provides an overview of new capabilities to manage Linux with System Center 2012 R2.		Hall 7
		Hands-on Lab	CDP-H307	Managing Your Storage with System Center 2012 R2 Virtual Machine Manager	This lab provides an overview of Virtual Machine Manager for managing storage within your infrastructure.		Hall 7
		Hands-on Lab	CDP-H308	System Center 2012 R2 Lab 1: Infrastructure Provisioning	System Center 2012 R2 provides unmatched infrastructure deployment and provisioning capabilities, offering incredibly powerful capabilities to support a private cloud or highly-virtualized environment. In this lab you'll get an overview of the features used to manage the infrastructure and configure a private cloud in the datacenter. Learn about heterogeneous support with VMware and Citrix, process automation, self-service infrastructure, delegation, bare-metal deployments, clustering, network monitoring, and update management. See many physical, virtual and hybrid cloud management capabilities using Virtual Machine Manager, App Controller and Data Protection Manager.		Hall 7
		Hands-on Lab	CDP-H309	System Center 2012 R2 Lab 2: Infrastructure Monitoring	In this lab, explore traditional real-time System Center Operations Manager monitoring. Learn about proactive monitoring with System Center Advisor along with integration with Microsoft Azure enabling hybrid cloud capabilities. Back up and recover a virtualized infrastructure with Data Protection Manager, and secure the datacenter with Configuration Manager and Endpoint Protection.		Hall 7
		Hands-on Lab	CDP-H310	System Center 2012 R2 Lab 3: Automation and Self-Service	System Center 2012 R2 has added incredible new capabilities to automate and service the datacenter and private cloud environment. In this lab, review an automation runbook using System Center Orchestrator, then build and test your own workflow. Learn how to create, manage, and fulfill service offerings with System Center Service Manager.		Hall 7
		Hands-on Lab	CDP-H311	System Center 2012 R2 Lab 4: IT Service Management	System Center 2012 R2 has invested in IT service management (ITSM) to simplify datacenter and private cloud management and IT support. In this lab, learn how to perform common Service Manager ITSM tasks. This includes managing service levels, groups, queues, incidents, change requests, and workflows.		Hall 7
		Hands-on Lab	CDP-H312	System Center 2012 R2 Lab 5: Application Management	System Center 2012 R2 is designed to overcome the disconnect that often exists between the infrastructure specialists and the application developers. Learn how application can be deployed and managed in the Microsoft private cloud and how they can even be extended to Microsoft Azure. In this lab, deploy VMs and Services through App Controller, monitor SQL servers, create a distributed application, configure Application Performance Monitoring (APM) with Operations Manager, and explore proactive monitoring alerts from Advisor.		Hall 7
		Hands-on Lab	CDP-H313	Network Automation Using IP Address Management	In this lab, explore IP address management (IPAM) capabilities in Windows Server 2012 R2 IPAM.		Hall 7
		Hands-on Lab	CDP-H314	Azure Pack: Infrastructure-as-a-Service Management	The Azure Pack is a collection of Microsoft Azure technologies available to Microsoft customers at no additional cost. Once installed in your datacenter, the Azure Pack integrates with Microsoft System Center and Windows Server to help provide a self-service portal for managing services such as websites, Virtual Machines, and Service Bus; a portal for administrators to manage resource clouds; scalable web hosting; and more. In this lab, first walk through setting up Virtual Machine Manager virtual networking and VM clouds which will be enabled for tenants. Next, explore the WAP IaaS features which are enabled by SPF integration and provide services such as VMs and clouds. Finish by looking at the tenant portal experience where gallery items can be viewed and networks are made available.		Hall 7
		Hands-on Lab	CDP-H315	Azure Pack: Installation and Configuration	The Azure Pack is a collection of Microsoft Azure technologies available to Microsoft customers at no additional cost. Once installed in your datacenter, the Azure Pack integrates with Microsoft System Center and Windows Server to help provide a self-service portal for managing services such as web sites, virtual machines, and Service Bus; a portal for administrators to manage resource clouds; scalable web hosting; and more. In this lab, first walk through basic install of the WAP portal and the VM roles for both the tenant and admin experiences. Next, explore the configuration of the web site clouds, Virtual Machine Manager integration and IaaS clouds, both SQL Server and MySQL cloud offerings as well as other features such as administration, plan/subscription setup, and usage reporting. Finish by looking at Service Management Automation features and specifically the dashboard capabilities and specific runbooks.		Hall 7
		Hands-on Lab	CDP-H316	Azure Pack: Service Management Automation	The Azure Pack is a collection of Microsoft Azure technologies available to Microsoft customers at no additional cost. Once installed in your datacenter, the Azure Pack integrates with Microsoft System Center and Windows Server to help provide a self-service portal for managing services such as websites, virtual machines, and Service Bus; a portal for administrators to manage resource clouds; scalable web hosting; and more. In this lab, we highlight the fundamentals for runbook management that is surfaced in the Azure Pack. We walk through the steps to enable you to quickly create a runbook, enable logging, and set up a schedule for starting runbook jobs. This includes exploring the service management portal capabilities, importing existing runbooks from Orchestrator, authoring new runbooks leveraging inbuilt PowerShell scripting as well as configuring them directly within the portal.		Hall 7
		Hands-on Lab	CDP-H317	Windows Server 2012 R2: Introduction to Failover Clustering with Hyper-V	Windows Server 2012 R2 Failover Clustering is Microsoft's industry leading high-availability technology. In this introductory lab, learn the basics of Failover Clustering and how to create critical datacenter resources resilient to failure. Learn how to install Failover Clustering, configure the networking and storage, deploy a cluster, create VMs and file servers on a cluster, configure a Hyper-V replica, and perform some basic management tasks. No prior clustering knowledge is needed.		Hall 7

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
		Hands-on Lab	CDP-H318	Windows Server 2012 R2: Windows PowerShell Fundamentals	This lab provides an introduction to Windows PowerShell, which has been greatly enhanced since Windows Server 2012.		Hall 7
		Hands-on Lab	CDP-H319	Managing Microsoft Exchange Server 2013 with System Center 2012 R2	In this lab, learn how to leverage System Center 2012 R2 to manage and monitor Exchange Server 2013. Begin by using System Center 2012 R2 Data Protection Manager to perform backup and restore operations. Then, use System Center 2012 R2 Operations Manager to monitor your Exchange organization for issues, and then remediate those issues. Finally, automate common tasks using System Center 2012 R2 Orchestrator.		Hall 7
		Hands-on Lab	DBI-H303	Exploring AlwaysOn Availability Groups in Microsoft SQL Server 2014	In this lab, learn how to set up an Availability Group and test a failover condition.		Hall 7
		Hands-on Lab	DBI-H304	Exploring AlwaysOn Failover Cluster Instances in Microsoft SQL Server 2014	In this lab, learn how to set up a Failover Cluster Instance and test a failover condition.		Hall 7
		Hands-on Lab	DBI-H305	Exploring Distributed Replay in Microsoft SQL Server 2014	In this lab, learn how to set up and configure Distributed Replay and use SQL Profiler to record a trace and then execute the trace using Distributed Replay.		Hall 7
		Hands-on Lab	DBI-H306	Building an ASP.NET MVC Application Using Azure DocumentDB	Learn how to use DocumentDB service to store and access data from an ASP.NET MVC web application.		Hall 7
		Hands-on Lab	DBI-H307	Exploring In-Memory OLTP in Microsoft SQL Server 2014	Learn how to configure and use In-Memory OLTP tables and natively compiled stored procedures to improve transaction performance. Includes how to determine the best candidate tables and stored procedures to migrate to In-Memory OLTP objects.		Hall 7
		Hands-on Lab	DBI-H308	Exploring Manual and Automatic Database Backup Using Microsoft Azure Storage in Microsoft SQL Server 2014	Learn how to use manual and automatic backup capabilities for SQL Server databases using Microsoft Azure Storage.		Hall 7
		Hands-on Lab	DBI-H311	Exploring Online Database Operations in Microsoft SQL Server 2014	In this lab, learn how to improve database availability with managed lock priorities and single partition online index rebuild.		Hall 7
		Hands-on Lab	DBI-H312	Exploring Organizational Security and Auditing in Microsoft SQL Server 2014	Learn how to use SQL Server Audit, Contained Database authentication, user-defined server roles and new permissions.		Hall 7
		Hands-on Lab	DBI-H313	Exploring Resource Governor IO Enhancements in Microsoft SQL Server 2014	Learn how to configure Resource Governor for limiting IO and test the results.		Hall 7
		Hands-on Lab	DBI-H314	Exploring Microsoft SQL Server 2014 Database Deployment in Microsoft Azure Virtual Machines	Learn how to provision an Azure Virtual Machine running SQL Server 2014 and different ways to deploy a database to the VM.		Hall 7
		Hands-on Lab	DBI-H315	Exploring SQL Server Data Tools for Databases in Visual Studio 2013	In this lab, learn how to use the SQL Server Data Tools to manage database schema and deploy the result to a Microsoft Azure SQL Database.		Hall 7
		Hands-on Lab	DBI-H316	Exploring Updatable ColumnStore Indexes in Microsoft SQL Server 2014	Learn how to use clustered ColumnStore indexes to improve query performance and reduce storage for data warehousing.		Hall 7
		Hands-on Lab	DBI-H318	Developing a Power Pivot Data Model in Excel 2013	In this lab, create a Power Pivot data model that imports data from a SQL Server database, an OData data feed, and an Excel workbook to analyze and monitor regional product profitability.		Hall 7
		Hands-on Lab	DBI-H319	Exploring Microsoft Power Query in Excel 2013	In this lab, query and transform web data by using Power Query, and then add the query to an existing Power Pivot data model. Once added, the query result—in the form of data model table—is used to extend the data model with new calculated fields to enable sales per capita analysis.		Hall 7
		Hands-on Lab	DBI-H320	Developing a Microsoft Power Query Solution in Excel 2013	In this lab, extend an existing Power Pivot workbook with additional data to enable the performance monitoring of sales compared to sales target. Create two Power Query queries and one Power Query function that will filter, transform, and combine data from two file system data sources.		Hall 7
		Hands-on Lab	DBI-H321	Preparing a Power Pivot Data Model for Power View Reporting in Excel 2013	In this lab, prepare an existing Power Pivot data model for Power View reporting. This involves adding descriptions, renaming columns, defining reporting properties, and removing certain calculated fields. Also, configure the data model to reference images by using web URLs.		Hall 7
		Hands-on Lab	DBI-H322	Exploring Power View in Excel 2013	In this lab, explore Power View by creating two visually compelling and interactive reports based on an existing Power Pivot data model.		Hall 7
		Hands-on Lab	DBI-H323	Exploring Power Map in Excel 2013	In this lab, explore Power Map by creating a spatial tour of sales data, consisting of four scenes, and based on an existing Power Pivot data model. Export the tour as an MP4 video and then embed it into a PowerPoint presentation.		Hall 7
		Hands-on Lab	DBI-H324	Working with Master Data Services in Microsoft SQL Server 2014	In this lab, create a Master Data Services solution to store and manage master lists of geographic data. Use the Master Data Services Add-in for Excel and the Master Data Manager (web application) to create entities and hierarchies, and to explore and manage the master data. Finally, an existing Integration Services solution is used to populate a data warehouse dimension table.		Hall 7

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
		Hands-on Lab	DBI-H326	Working with Data Quality Services in Microsoft SQL Server 2014	In this lab, create a Data Quality Services knowledge base to cleanse US state codes and email addresses. Then, create a Data Quality Project to cleanse data sourced from an Excel workbook. Finally, enhance an existing Integration Services package design to use the DQS Cleansing component to cleanse loaded data as part of an ETL process.		Hall 7
		Hands-on Lab	DBI-H328	Developing, Deploying, and Managing a Tabular Data Model in Microsoft SQL Server 2014	In this lab, develop a tabular project based on the Adventure Works data warehouse. Specifically, it will enable sales performance analysis and monitoring of reseller sales compared to sales quota. Work with the entire development lifecycle including the creation of the Tabular Project, the importing of data from both Microsoft SQL Server and an OData data feed, the enhancement of the data model, and the implementation of business logic with measures and a key performance indicator (KPI). Once you have explored and tested the data model, enhance it with perspectives, partitions and a security role. Finally, deploy the project to a tabular instance of Analysis Services. Note that the estimated time to complete this lab is 90 minutes, and it is possible to break down this long lab into shorter activities, allowing you to (re)commence from any of the seven exercises.		Hall 7
		Hands-on Lab	DBI-H330	Working with Reporting Services Data Alerts in Microsoft SQL Server 2014	In this lab, define a data alert to notify you when salespeople do not achieve at least the 1% profitability target.		Hall 7
		Hands-on Lab	DBI-H331	Creating an Excel Report Based on a Tabular Data Model in Microsoft SQL Server 2014	In this lab, create a report in Excel 2013 based on a corporate tabular data model. Then, publish the workbook to an on-premises SharePoint site, and explore the report rendered by Excel Services in the web browser.		Hall 7
		Hands-on Lab	DBI-H332	Creating a Reporting Services Report Based on a Tabular Data Model in Microsoft SQL Server 2014	In this lab, author a report in Report Builder by using the Map Wizard, and based on a corporate tabular data model.		Hall 7
		Hands-on Lab	DBI-H333	Enhancing an E-Commerce Web Application with Analysis Services Data Mining in Microsoft SQL Server 2014	In this lab, develop a data mining model that uses the Microsoft Association Rules algorithm to identify patterns of product models which are commonly purchased together. Then, enhance an existing ASP.NET web application to provide relevant purchasing suggestions to online customers.		Hall 7
		Hands-on Lab	DBI-H335	Working with Hive in HDInsight	In this lab, learn how to create a Hive table followed by inserting the data into it. Then, see how TSQL-like commands can be used to query the Hive data. Learn ways to use the case statements, perform join queries and using group-by queries with aggregation functions.		Hall 7
		Hands-on Lab	DBI-H336	Migrating a SQL Server Database to Microsoft Azure SQL Database	In this lab we walk through the scenario of migrating an on-premises SQL Server Database to Azure SQL Database. We use the SQL Migration Wizard to analyze the SQL Server database to determine compatibility issues and resolve them. We review the various options that the migration wizard offers. At the end, we create a new Azure SQL Database and migrate the schema and data to it.		Hall 7
		Hands-on Lab	DEV-H200	Agile Planning and Portfolio Management with Team Foundation Server 2013	In this lab, learn about the agile planning and portfolio management tools and processes provided by Visual Studio Team Foundation Server 2013 and how they can help you quickly plan, manage, and track work across your entire team. We explore the product backlog, sprint backlog, and task boards which can be used to track the flow of work during the course of an iteration. We also take a look at how the tools have been enhanced in this release to scale for larger teams and organizations.		Hall 7
		Hands-on Lab	DEV-H201	ASP.NET Web API + Single Page Authorizations	In Single-Page Applications (SPAs) the entire page is loaded in the browser after the initial request, but subsequent interactions take place through AJAX requests. This means that the browser has to update only the portion of the page that has changed; there is no need to reload the entire page. The SPA approach reduces the time taken by the application to respond to user actions, resulting in a more fluid experience. The architecture of a Single Page Authorization (SPA) involves certain challenges that are not present in traditional web applications. However, emerging technologies like ASP.NET Web API, JavaScript frameworks like AngularJS and new styling features provided by CSS3 make it really easy to design and build SPAs. In this lab, take advantage of those technologies to implement Geek Quiz, a trivia website based on the SPA concept. You first implement the service layer with ASP.NET Web API to expose the required endpoints to retrieve the quiz questions and store the answers. Then, you build a rich and responsive UI using AngularJS and CSS3 transformation effects.		Hall 7
		Hands-on Lab	DEV-H202	ASP.NET Websites in Production	This lab takes a look at some of the tough, real-world scenarios you'll face after your site is deployed to production. How do you handle challenges such as scaling (both up and down), managing changes to your database over time, and problems with code you've just deployed? This lab shows how to take advantages of some of the best hidden features of Microsoft Azure, Microsoft ASP.NET and Visual Studio to keep rolling once your site is live.		Hall 7
		Hands-on Lab	DEV-H203	Asynchronous Programming in the Microsoft .NET Framework 4.5	If your user interface is unresponsive or your server does not scale, chances are you could improve matters with asynchronous code. Microsoft .NET Framework 4.5 introduces new language features in C# and Visual Basic to make asynchronous programming in .NET far simpler. This new foundation makes asynchronous programming very similar to synchronous (i.e., ordinary) programming. In this lab, learn how to implement asynchronous programming with the new features introduced by Microsoft .NET Framework 4.5.		Hall 7
		Hands-on Lab	DEV-H204	Bringing Together One ASP.NET	Microsoft ASP.NET is a framework for building websites, apps, and services using specialized technologies such as MVC, Web API and others. Microsoft Visual Studio 2013 introduces a new unified project system which lets you build an application and use all the ASP.NET technologies in one project. This feature eliminates the need to pick one technology at the start of a project and stick with it, and instead encourages the use of multiple ASP.NET frameworks within one project. This lab shows how to add ASP.NET MVC and Web API controllers to an ASP.NET Web Forms application and share common model objects between them.		Hall 7

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
		Hands-on Lab	DEV-H205	Cloud Enabling .NET Client Applications	Modern line-of-business (LOB) applications have much to gain from Microsoft Azure. In addition to the increased scalability and reliability the cloud has to offer, cloud-based services are also easier to access from outside the corporate firewall. This new accessibility opens a whole class of opportunities for developers to enhance their functionality and extend their user experiences to new devices and tablets. In this lab, see how to cloud-enable an existing Windows Presentation Foundation (WPF)-based LOB application. Learn how to migrate an on-premises database to Microsoft SQL Azure, migrate an on-premises Windows Communication Foundation (WCF) service to Microsoft Azure Web Sites, secure the WCF service using Azure Active Directory and integrate the WCF service with an on-premises service using Service Bus Relay.		Hall 7
		Hands-on Lab	DEV-H206	Embracing Continuous Delivery with Release Management for Visual Studio 2013	In this lab, learn about Release Management for Visual Studio 2013 and its suite of release and deployment tools that automate the deployment of applications across the desktop, server, and the cloud. Release Management for Visual Studio 2013 helps development and operations teams integrate with Visual Studio Team Foundation Server 2013 to configure and automate complex deployments of their automated builds to target environments more easily. Development teams can also model their release processes and track approvals, sign-offs, and visualize their release status.		Hall 7
		Hands-on Lab	DEV-H207	Entity Framework	Entity Framework is an object-relational mapper (ORM) that enables you to add data access logic to your applications by programming with a conceptual application model instead of programming directly using a relational storage schema. In this lab, create a simple MVC application and learn how to use the three Entity Framework approaches to define your domain-specific entity types, database schema, and mapping layer between the two. Also, learn how to expose your Entity Framework data model using the OData protocol.		Hall 7
		Hands-on Lab	DEV-H208	Getting Started with Git Using Team Foundation Server 2013	In this lab, learn about Git support introduced in Visual Studio Team Foundation Server 2013 and Visual Studio 2013. Git is a distributed version control system. Git repositories can live locally (such as on a developer's machine) and can now be hosted by Team Foundation Server. Learn how to establish a local Git repository, which can easily be synchronized with a centralized Git repository in Team Foundation Server.		Hall 7
		Hands-on Lab	DEV-H209	Introduction to Source Control	When your codebase is under version control, you can develop your app—create and open files in Solution Explorer and write your code—while version control does other work for you. When you check files in and out, it keeps track of your changes and creates a history of your project. Having access to the history of a project has additional benefits, such as being able to find (and undo, when necessary) changes you made during a specific time period. You can also see exactly what changes you and your team mates have made, and how your changes relate to the latest changes on the server. In this lab, explore how to use version control with Visual Studio 2013. See how to set up version control, check-in files, resolve conflicts and use branches to maintain multiple versions of an app.		Hall 7
		Hands-on Lab	DEV-H210	Introduction to Team Development Using Visual Studio Online	Visual Studio Online, formerly Team Foundation Service, is the home for your project data in the cloud. Get up and running in minutes on our cloud infrastructure without having to install or configure a single server. Set up an environment that includes everything from hosted Git repos and project tracking tools, to continuous integration and an IDE, all packaged up in a monthly per-user plan. Connect to your project in the cloud using your favorite development tool. In this lab, see how to set up Visual Studio and connect to Visual Studio Online. Once you're set up, learn how to create and organize your backlog, share your code with your team, configure your app for continuous builds and deployment, and run tests and log bugs.		Hall 7
		Hands-on Lab	DEV-H211	Introduction to Unit Testing	The primary goal of unit testing is to take the smallest piece of testable software in the application, isolate it from the remainder of the code, and determine whether it behaves exactly as you expect. Each unit is tested separately before integrating them into modules to test the interfaces between modules. It provides you the ability to test small amounts of code without needing to run the entire application from the start. Unit testing provides several benefits, including faster testing, the likelihood of catching errors sooner, simplified code integration and documentation of the units. This lab shows you how to incorporate unit testing into your Microsoft Visual Studio 2013 projects.		Hall 7
		Hands-on Lab	DEV-H212	Visual Studio 2013 Web Tools	Visual Studio is an excellent development environment for Microsoft .NET-based Windows and web projects. It includes powerful editors for HTML, CSS and JavaScript that can easily be used to edit standalone files without a project. All of this power is also available for extensions, making it simple to extend the editors with powerful new features to suit your needs. Web Essentials is a collection of web-related enhancements to Visual Studio. It includes lots of new IntelliSense completions, new Browser Link features, automatic JSHint for JavaScript files, new warnings for HTML and CSS, and many other features that are essential to modern web development. In this lab, learn how to use some of these advanced editor features to take advantage of HTML5 code snippets, Zen coding, the CSS color picker and Browser matrix tooltip, JavaScript features like Extract to File and IntelliSense for all HTML elements. Also, learn how to exchange data between your browser and Visual Studio using Browser Link.		Hall 7
		Hands-on Lab	DEV-H213	New Collaboration Experiences for Development Teams Using Team Foundation Server 2013	In this lab, learn about some of the new features in Visual Studio 2013 and Team Foundation Server 2013 that enable new collaboration experiences for development teams including Team Rooms, Lightweight Code Comments, and CodeLens.		Hall 7
		Hands-on Lab	DEV-H214	New Visual Studio 2013 Diagnostic Tools	In this lab, explore new performance and diagnostics tools in Visual Studio 2013 that help you build better apps. See the new Performance and Diagnostics hub, which makes it easy to find performance and diagnostics tools in one convenient location. Explore the Energy Consumption profiler, which enables developers to estimate how much power their app will cause the device to consume, and the XAML UI Responsiveness tool, which is focused on profiling the responsiveness of Windows Store apps implemented with XAML. See how enhancements to asynchronous debugging provide more information about the asynchronous sequence of calls. Also, see how Visual Studio expands its dump file analysis tools to help you find memory leaks, inefficient memory use, and unnecessary allocations.		Hall 7

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
		Hands-on Lab	DEV-H215	Real-Time Web Applications with Microsoft ASP.NET SignalR	Real-time web applications feature the ability to push server-side content to the connected clients as it happens, in real time. For ASP.NET developers, ASP.NET SignalR is a library to add real-time web functionality to their applications. It takes advantage of several transports, automatically selecting the best available transport given the client and server's best available transport. It takes advantage of WebSocket, an HTML5 API that enables bi-directional communication between the browser and server. SignalR also provides a simple, high-level API for doing server to client RPC (call JavaScript functions in your clients' browsers from server-side .NET code) in your ASP.NET application, as well as adding useful hooks for connection management, such as connect/disconnect events, grouping connections, and authorization. In this lab, learn how to send notifications from server to client using SignalR, then scale out your SignalR application using Microsoft SQL Server.		Hall 7
		Hands-on Lab	DEV-H216	Using Blend to Design JavaScript-Based Windows Store Apps	Blend for Visual Studio provides you with great visual design tools to build compelling Windows Store Apps. In this lab, explore how you can use Blend to build a Windows Store app using HTML and JavaScript.		Hall 7
		Hands-on Lab	DEV-H217	Using Blend to Design XAML-Based Windows Store Apps	Blend for Visual Studio provides you with great visual design tools to build compelling Windows Store Apps. In this lab, explore how you can use Blend to build a Windows Store app using XAML.		Hall 7
		Hands-on Lab	DEV-H218	Using Portable Class Libraries	Portable class libraries enable you to write and build managed assemblies that work on more than one Microsoft .NET Framework platform. You can create classes that contain code you wish to share across many projects, such as shared business logic, and then reference those classes from different types of projects. In this lab, learn how to write code that works on more than one Framework Platform without recompilation using Portable Class Library projects.		Hall 7
		Hands-on Lab	DEV-H219	What's New in Microsoft Visual Studio 2013 for C++ Developers	Visual Studio 2013 ships with several new features and improvements that will make the C++ developer more productive with daily code focused tasks. In this lab, explore new features in Microsoft Visual C++ 2013, such as ISO C++ language conformance, new libraries, compiler optimizations, enhanced IDE productivity features, and new tools for Windows apps.		Hall 7
		Hands-on Lab	DEV-H220	What's New in the Microsoft Visual Studio 2013 IDE	In this lab, take a quick look at some of the many enhancements to the Visual Studio 2013 development environment, including signing into the IDE to synchronize your settings, Notifications center, improved Navigate To experience, Peek Definition and CodeLenses.		Hall 7
		Hands-on Lab	DEV-H240	Deep Dive into Apps for Office in Excel	In this lab, you will build out a app for Microsoft Office in Excel. Through the excises in this lab, learn how to create and test the app as well as the provider hosted component.		Hall 7
		Hands-on Lab	DEV-H241	Deep Dive into Apps for Office in Outlook	In this lab, you will build out a app for Microsoft Office in Outlook. Through the excises in this lab, learn how to create and test the app as well as the provider hosted component.		Hall 7
		Hands-on Lab	DEV-H242	Deep Dive into Apps for Office in PowerPoint	In this lab, you will build out a app for Microsoft Office in PowerPoint. Through the excises in this lab, learn how to create and test the app as well as the provider hosted component.		Hall 7
		Hands-on Lab	DEV-H243	Deep Dive into Apps for Office in Word	In this lab, you will build out a app for Microsoft Office in Word. Through the excises in this lab, learn how to create and test the app as well as the provider hosted component.		Hall 7
		Hands-on Lab	DEV-H244	Deep Dive into Security and OAuth in Apps for SharePoint	In this lab, explore the authentication of apps for Microsoft SharePoint using OAuth within Microsoft Office 365.		Hall 7
		Hands-on Lab	DEV-H245	Deep Dive into SharePoint Hosted Apps	In this lab, you will build out a app for Microsoft SharePoint, using the SharePoint-Hosted approach. Through the excises in this lab, learn how to create and test the app.		Hall 7
		Hands-on Lab	DEV-H246	Deep Dive into SharePoint Provider Hosted Apps	In this lab, build out a app for Microsoft SharePoint, using the Provider-Hosted approach. Through the excises in this lab, learn how to create and test the app.		Hall 7
		Hands-on Lab	DEV-H247	Getting Started with Apps for Office	In this lab, get hands-on experience working with the App for Office development model. Through the exercises in this lab, learn how to create and test an app for Microsoft Office that runs inside Microsoft Word.		Hall 7
		Hands-on Lab	DEV-H248	Getting Started with Apps for SharePoint	In this lab, get hands-on experience working with the SharePoint App model. Through the exercises in this lab, learn how to create and test a Microsoft SharePoint-hosted app as well as a provider-hosted app.		Hall 7
		Hands-on Lab	DEV-H249	Getting Started with Office 365 APIs	In this lab, investigate the Microsoft Office 365 APIs by creating a ASP.NET MVC web application in Visual Studio 2013.		Hall 7
		Hands-on Lab	DEV-H250	Moving Full Trust Code to the Cloud Using Repeatable Patterns and Best Practices	In this lab, investigate ways in which to replace full trust solutions using an app security principle, Microsoft Azure and new client-side APIs for Microsoft SharePoint Online in the Microsoft Office 365 environment.		Hall 7
		Hands-on Lab	DEV-H251	Overview of Office 365 Development	In this lab, explore existing Microsoft Office 365 apps from the Office Store and see what they can do for your productivity.		Hall 7
		Hands-on Lab	EM-H203	Windows Server 2012 R2: New Features in Active Directory Federation Services	Active Directory Federation Services (AD FS) uses claims-based authentication to provide users with single sign-on (SSO), web-based access to resources, whether located internally, in a federated partner organization, or in the cloud. In Windows Server 2012 R2, AD FS offers a number of new capabilities, including device registration (Workplace Join) for device authentication and SSO, enhancements for multi-factor authentication to manage risk, unified and simplified customization of the sign-in experience, and the ability to offer a user password change capability when using a registered device. In this lab, configure AD FS to enable Workplace Join, configure a relying party trust, configure the Web Application Proxy server role to enable AD FS access for external clients, customize the AD FS sign-in page to improve the user experience, enable user password change for registered devices, and configure multi-factor authentication.		Hall 7
		Hands-on Lab	EM-H300	Deploying Windows 8.1 to Bare Metal Clients Using System Center 2012 R2 Configuration Manager	In this lab, perform a start-to-finish scenario of preparing a Configuration Manager 2012 R2 environment to deploy Windows 8.1, as well as deploying Windows 8.1 to a bare metal system. Deployment of Windows 8.1 using Configuration Manager 2012 R2 is very similar to that of deploying Windows 8 with Configuration Manager 2012 SP1. There are a few new features in the operating system deployment feature of System Center 2012 R2 Configuration Manager that this lab introduces.		Hall 7
		Hands-on Lab	EM-H301	Implementing a Basic PKI in Windows Server 2012 R2	The purpose of this lab is to demonstrate how to implement a basic Public Key Infrastructure (PKI) in Windows Server 2012 R2 to enable services that rely on certificates.		Hall 7

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		Hands-on Lab	EM-H303	Managing Microsoft Software Updates in System Center 2012 R2 Configuration Manager	One of the most commonly used features of Configuration Manager is for managing patching of client computers. Configuration Manager 2012 offers great capabilities for managing software updates, and Configuration Manager 2012 R2 extends that feature set with maintenance windows that are dedicated to software update deployment, as well as additional capabilities for automatic deployment rules. In this lab, complete an end-to-end implementation for managing software updates in Configuration Manager 2012 R2.		Hall 7
		Hands-on Lab	EM-H304	Active Directory Deployment and Management Enhancements	In this lab, learn how to deploy Active Directory Domain Controllers with Windows Server 2012. Deploy domain controllers using the new Server Manager, as well as remote domain controllers using Windows PowerShell. Also, explore the new Active Directory Management Tool and use its PowerShell History Viewer.		Hall 7
		Hands-on Lab	EM-H305	Implementing Endpoint Protection in System Center 2012 R2 Configuration Manager	In this lab, complete an end-to-end implementation of Endpoint Protection in System Center 2012 R2 Configuration Manager using an isolated environment and simulated malware. This feature, built into Configuration Manager 2012 R2, provides security in addition to the normal software update management feature within Configuration Manager, providing enhanced security for the environment for monitoring and managing virus and malware protection features.		Hall 7
		Hands-on Lab	EM-H306	Deploying a System Center 2012 R2 Configuration Manager Hierarchy	Deploying a Configuration Manager 2012 R2 hierarchy is the same as deploying a Configuration Manager 2012 SP1 hierarchy. However if you are new to Configuration Manager 2012, this lab helps you prepare for working with those customers who do need to deploy a hierarchy, including a CAS, a primary site, and a secondary site.		Hall 7
		Hands-on Lab	EM-H307	Deploying System Center 2012 R2 Configuration Manager	System Center 2012 R2 Configuration Manager has just been released. Customers are adopting the new technology; some are upgrading, others are installing brand new sites. In this lab, experience how to install a Configuration Manager 2012 R2 primary site, configure it for deploying clients, and install a Configuration Manager 2012 R2 client.		Hall 7
		Hands-on Lab	EM-H308	Enabling Secure Remote Users with RemoteApp, DirectAccess, and Dynamic Access Control	In this lab, learn how to implement a secure remote access and user security solution which allows users in remote locations to leverage session based VDI for Microsoft Office 2013, and gain access to share folders which are protected with Dynamic Access Control and RMS classification. Deploy Session VDI with RemoteApp. Provision a computer for DirectAccess with offline Domain Join. Connect via DirectAccess and launch remote Office applications. Create new DAC rules and new RMS rules, and auto-protect a document share with rules. User save a document in share, and have document auto-protected.		Hall 7
		Hands-on Lab	EM-H309	How to Deploy Two-Tier PKI Hierarchy	In this lab, deploy two-tier hierarchy of PKI in an Active Directory environment.		Hall 7
		Hands-on Lab	EM-H310	Implementing App-V 5.0 in System Center 2012 R2 Configuration Manager	One of the features of Configuration Manager 2012 R2 is the support for managing virtual applications with Microsoft Application Virtualization (App-V). Configuration Manager 2012 R2 supports both App-V 4.6 SP2 and App-V 5.0. In this lab, create and deploy virtual applications using Configuration Manager 2012 R2 for both App-V 4.6 and App-V 5.0.		Hall 7
		Hands-on Lab	EM-H311	Implementing Linux Clients in System Center 2012 R2 Configuration Manager	Starting with Configuration Manager 2012 R2, support for various Linux and UNIX server platforms are supported for management with Configuration Manager. In this lab, install the Configuration Manager 2012 R2 client agent on a Linux computer, generate hardware inventory from the Linux client, and deploy software to the Linux client.		Hall 7
		Hands-on Lab	EM-H312	Implementing Role-Based Administration in System Center 2012 R2 Configuration Manager	One of the big changes in the newest release of Configuration Manager is the role-based administration feature for reports. In this lab, implement role-based administration for Configuration Manager 2012 R2, including administrative users, security scopes, collections, and reports.		Hall 7
		Hands-on Lab	EM-H313	Introduction to DirectAccess in Windows Server 2012	DirectAccess gives users the experience of being seamlessly connected to their corporate network anytime they have Internet access. In this lab, learn how to configure this now easy-to-install technology and provide greater mobility and ease of access for your users.		Hall 7
		Hands-on Lab	EM-H314	Introduction to System Center Configuration Manager 2012 R2	While System Center 2012 R2 Configuration Manager is very similar to previous versions of Configuration Manager 2012, there are a number of new features and additions that are important to understand. This lab provides an introduction to the newest version of Configuration Manager and should be taken as your first experience with Configuration Manager 2012 R2 before attending any additional hands-on labs or instructor-led labs on the new release.		Hall 7
		Hands-on Lab	EM-H315	Managing Content in System Center 2012 R2 Configuration Manager	In many areas of Configuration Manager 2012, content is involved. This content can be for packages, applications, software updates, or operating system images. Configuration Manager 2012 provides many features for managing content, such as creating additional distribution points, pull distribution points, prestaging content on distribution points, and automated content validation. In this lab, you experience many of these content management features.		Hall 7
		Hands-on Lab	EM-H316	Migrating from Configuration Manager 2007 to System Center 2012 R2 Configuration Manager	Are you still running Configuration Manager 2007, and you now want to move to Configuration Manager 2012? If so, this lab takes you through a migration process to migrate objects from a Configuration Manager 2007 environment to a Configuration Manager 2012 R2 environment. Migrate collections, packages, boundaries, a distribution point, as well as a client. This lab is a great way to get the experience you need to complete your own migration to Configuration Manager 2012 R2.		Hall 7
		Hands-on Lab	EM-H317	Migrating from Windows Server 2008 R2 Active Directory to Windows Server 2012 R2 Active Directory	In this lab, step through the process of migrating a 2008 R2 Active Directory to Windows Server 2012 R2 Active Directory.		Hall 7
		Hands-on Lab	EM-H318	Using Dynamic Access Control to Automatically and Centrally Secure Data	In this lab, explore Dynamic Access Control in Windows Server 2012. Learn how to create Central Access Policies, explore the new Access Denied Remediation features, as well as learn how to use the audit capabilities built into Dynamic Access Control.		Hall 7

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		Hands-on Lab	EM-H319	Windows Server 2012 R2 Remote Application Publishing: Enterprise and Beyond	This lab focuses on Windows Server 2012 R2 Remote App publishing new features. Learn how to create and configure a remote app hosting environment using Windows Server 2012 R2. Experience how to publish multiple apps for users who will access them from within a controlled IT environment as well as from personal workstations and terminals. Learn how to manage, categorize, and arrange various user applications.		Hall 7
		Hands-on Lab	EM-H320	Windows Server 2012 R2: Implementing Claims-Aware Applications	In this lab, learn how to configure and deploy the new access and information protection features in Windows 2012 R2 including the following scenarios: Join to workplace from any device for SSO and seamless second factor authentication across company applications; Connect to applications and services from anywhere with Web Application Proxy; Manage risk with multi-factor access control; and Manage risk with additional multi-factor authentication for sensitive applications.		Hall 7
		Hands-on Lab	EM-H321	Windows Server 2012 R2: Implementing Work Folders	In this lab, learn how to configure Windows Server Work Folders. Begin by installing the roles and sub-roles, configuring the HTTPS certificate bindings for the service, and configuring a Group Policy object. Confirm the implementation on a domain-joined computer. Finally, learn how to enable Windows Server Work Folders on a non-domain-joined device.		Hall 7
		Hands-on Lab	EM-H322	Windows Server 2012 R2: Implementing Workplace Join	In this lab, configure Workplace Join. Workplace Join allows a consumer device to be registered with Active Directory Services. Device registration is a mid-state between non-domain joined, and domain joined. Joined devices are known by the Active Directory administrator, but are not affected by traditional domain membership characteristics such as Group Policy. Joined devices can be leveraged as a requirement for access to claims-aware applications.		Hall 7
		Hands-on Lab	EM-H323	Basic Software Distribution with System Center 2012 R2 Configuration Manager	If you are currently using Configuration Manager 2007, and have no experience with software distribution in Configuration Manager 2012, this lab is for you. This lab gives you experience with deploying packages and programs in Configuration Manager 2012, which is very similar to advertising packages and programs in Configuration Manager 2007. The lab then moves on to the new application model, which has many advantages for deploying applications over the packages and programs model. Experience some very basic scenarios for application deployment in this lab, to get started with moving to the application model.		Hall 7
		Hands-on Lab	EM-H324	Troubleshooting Active Directory Replication Errors	This lab walks you through the troubleshooting, analysis, and implementation phases of commonly encountered Active Directory Replication errors. You use ADREPLSTATUS, repadmin.exe and PowerShell to troubleshoot a four DC, two-domain environment.		Hall 7
		Hands-on Lab	EM-H400	Troubleshooting Active Directory Lingering Objects	Widely known as the gift that keeps on giving, lingering objects never really go away unless a comprehensive removal solution is implemented. These little buggers are commonly found to be the root cause of many Exchange, Lync and core AD DS service outages. Many outages are resolved after some lengthy troubleshooting only to find the issue return weeks later. In this five DC, three-domain lab environment you work through one of the most challenging Active Directory replication problems seen by customers globally: Lingering object identification and cleanup. In this lab you are given everything needed to eradicate lingering objects from your customer's environment. Included free of charge: all the tools, background information and time-saving techniques needed to save the day on your next lingering object-induced Active Directory outage. We work through the symptom, cause, and resolution phases of lingering object troubleshooting. Several scenarios and cleanup methods are used along with a full description of when alternate cleanup methods are needed in the comprehensive lab guide.		Hall 7
		Hands-on Lab	OFC-H200	Configuring Office Online for Microsoft SharePoint 2013	Microsoft Office Online has evolved into a separate server product, Office Online Server, that can serve multiple SharePoint farms for viewing and editing documents. In addition, a server or farm that runs Office Online can be used to view files that are stored across data stores. This lab introduces the concepts required to establish connectivity between the Office Online and SharePoint 2013.		Hall 7
		Hands-on Lab	OFC-H201	Configuring Social Features in Microsoft SharePoint 2013	This lab is an extension of the user-oriented "Exploring Social Features in Microsoft SharePoint 2013" and focuses on configuration of social features in SharePoint 2013. Learn how to share newsfeed activities, modify settings for email notifications related to social activities, edit other profile details, configure a community site, and enable site feeds.		Hall 7
		Hands-on Lab	OFC-H202	Database Snapshots with Microsoft SharePoint 2013	Database snapshots provide a read-only, static view of a source database as it existed at snapshot creation. Snapshots can be used for reporting purposes. Also, in the event of a user error on a source database, you can revert the source database to the state it was in when the snapshot was created. Data loss is confined to updates to the database since the snapshot's creation. Also, creating a database snapshot can be useful immediately before making a major change to a database, such as changing the schema or the structure of a table. This lab introduces you to using Database Snapshots with SharePoint 2013.		Hall 7
		Hands-on Lab	OFC-H210	Exploring Social Features in Microsoft SharePoint 2013	Explore the new social features in SharePoint 2013. In this lab, learn how to follow sites, documents, and people, leverage the newsfeed, and review the new community and project site templates.		Hall 7
		Hands-on Lab	OFC-H211	Extending the Search Experience in Microsoft SharePoint 2013	This lab shows how to extend and build on the Search User Experience, including the use of templates to change the way the results are laid out and how each result looks.		Hall 7
		Hands-on Lab	OFC-H215	Information Management in Microsoft SharePoint Server 2013	SharePoint Server 2013 Preview extends compliance beyond just content. Improvements in Information Management Policies are designed to provide balance between enabling user self-service and ensuring content adheres to corporate policy: IT professionals can define corporate-wide Information Management Policies and apply them to site collections as they are created. This lab guides you through enabling and applying Site Policies in SharePoint Server 2013.		Hall 7
		Hands-on Lab	OFC-H216	Introduction to Backup and Restore in Microsoft SharePoint 2013	Data loss is non-negotiable. The ability to retrieve lost data is critical to availability and compliance. This lab introduces you to the backup and restore capabilities in SharePoint 2013.		Hall 7
		Hands-on Lab	OFC-H217	Introduction to Search in Microsoft SharePoint 2013	This lab provides an end-to-end tour of the new Search experience, starting with indexing a basic content source, then showing basic content processing configuration, configuring a query rule, and making a minor update to the end user experience.		Hall 7

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		Hands-on Lab	OFC-H218	Introduction to Web Content Management in Microsoft SharePoint 2013	In this lab, learn about some of the core new concepts for Web Content Management in SharePoint 2013. Export rich formatted text content from Microsoft Word into a SharePoint publishing page. Publish video and image assets in SharePoint using renditions. Then, use the new translations and variations features in SharePoint 2013 to see automatic localization of the published content.		Hall 7
		Hands-on Lab	OFC-H221	People Search in Microsoft SharePoint Server 2013	This lab provides you with an understanding of the new features in People Search with SharePoint 2013.		Hall 7
		Hands-on Lab	OFC-H300	Building a Product-Centric Site in Microsoft SharePoint 2013	This lab takes participants through the process of building a product-oriented site using the new features of SharePoint 2013, including the product catalog, managed navigation, the content search web part, and faceted navigation and refinement.		Hall 7
		Hands-on Lab	OFC-H301	Building Advanced Visualizations and Dashboards with Visio Services	Visio Services is an exciting capability available in Microsoft SharePoint Server 2013. In this lab, explore the programmatic capabilities of this service and identify how you can create rich visual SharePoint applications using the Visio Services JavaScript Mash-up API.		Hall 7
		Hands-on Lab	OFC-H302	Configuring Coexistence and Interoperability with Microsoft Lync Server 2013	In this lab, you are able to configure coexistence and interoperability with Microsoft Lync Server 2013.		Hall 7
		Hands-on Lab	OFC-H303	Configuring Location-Based Routing in Microsoft Lync Server 2013	During this lab, learn how to convert a Least Cost Routing design to a Location-Based Routing design.		Hall 7
		Hands-on Lab	OFC-H304	Configuring User License Enforcement in Microsoft SharePoint 2013	Blended Client Access License (CAL) deployments enable an organization to assign, manage, and track how licenses are utilized by their users and control access to features and capabilities. This lab introduces you to the concepts of configuring and using User License Enforcement in SharePoint 2013.		Hall 7
		Hands-on Lab	OFC-H305	Create an Excel BI Report and Share on Microsoft SharePoint 2013	In this lab, explore the many new business intelligence features of Microsoft Excel and SharePoint 2013. Create and enhance parameterized Excel PivotTable based reports that consume data from PowerPivot, with a high level overview of the data model behind the PowerPivot data model. Enhance the report by applying conditional formatting and adding a Timeline Slicer to filter data. Use the new Quick Explore feature to add relevant visualizations to the workbook. Then, publish the workbook to SharePoint and create a dashboard using components from the workbook. Using connected Web Parts and parameters, provide user interactivity to the dashboard. Leverage built-in features of Excel Services 2013 like Fields List and Quick Analysis to manipulate the structure of the published report directly in the browser.		Hall 7
		Hands-on Lab	OFC-H306	Deferred Site Collection Upgrade in Microsoft SharePoint 2013	A completely revised, backward-compatible upgrade experience is designed to balance the needs of users with those of IT. Because changing software is often difficult, SharePoint Server 2013 Preview enables IT to upgrade SharePoint Server 2010 without having to upgrade users' sites and content. These upgrades are deferred to the users, allowing them to choose when the time is right. This lab guides you through performing Deferred Site Collection Upgrades in SharePoint 2013.		Hall 7
		Hands-on Lab	OFC-H307	Deploying and Configuring Microsoft Lync Edge Server 2013	In this lab, you are able to deploy and configure Microsoft Lync Edge Server 2013.		Hall 7
		Hands-on Lab	OFC-H308	Deploying and Configuring Microsoft Lync Server 2013 Persistent Chat	During this lab, configure the Lync 2013 Persistent Chat Server. Persistent Chat is fully integrated into Lync 2013, and needs to be added to the environment using the Topology Builder.		Hall 7
		Hands-on Lab	OFC-H310	Deploying Microsoft Lync Server 2013	In this lab, you are able to deploy and configure Microsoft Lync Server 2013.		Hall 7
		Hands-on Lab	OFC-H311	Deploying Office Web App and Experiencing Collaboration Features	In this lab, experience how to deploy Office Web App Server for Microsoft Lync Server 2013 and experience collaboration features.		Hall 7
		Hands-on Lab	OFC-H312	Deploying Site Mailboxes with Microsoft Exchange and SharePoint	This lab instructs you in the complete lifecycle of a Site Mailbox, including required configuration to allow Exchange and SharePoint to communicate, setup of policies, and Site Mailbox creation. The lab also highlights how to connect and use the created Site Mailbox. Finally, you close and archive the Site Mailbox and its content.		Hall 7
		Hands-on Lab	OFC-H313	Design BI Dashboards with PerformancePoint Services in Microsoft SharePoint Server 2013	In this lab, assemble and deploy a PerformancePoint Services dashboard. Start by creating a data source to connect to the Sales Analysis Services cube. Then, create the Sales Performance Key Performance Indicator (KPI) based on the cube measure, and create a scorecard named US Sales Performance that will support monitoring the KPI by Calendar quarter and sales region.		Hall 7
		Hands-on Lab	OFC-H314	Designing a Microsoft SharePoint 2013 Site	In this lab, gain first-hand experience transforming HTML mockups from a design agency into a great looking and fully functioning SharePoint 2013 site.		Hall 7
		Hands-on Lab	OFC-H315	Embed a Data-Connected Visio Diagram in Microsoft SharePoint 2013	In this lab, learn to configure an existing Visio diagram to retrieve data from a SharePoint list. Learn to connect Visio shapes to the list data, and use a custom data graphic template to present the data on the shapes visually using text overlays, data bars, and fill colors. Then, publish the diagram to SharePoint, and surface it on a Web Part page using the Visio Web Access Web Part. Using Web Part connections, you then add interactivity to the page. You also configure and test automatic data refresh. Finally, explore collaboration features in Visio Services by adding comments to the diagram. This data-driven Visio experience is created without the need to write any programming code or database queries.		Hall 7
		Hands-on Lab	OFC-H316	Microsoft Exchange Server 2013 Public Folder Migration	Learn how to migrate Public Folders from Microsoft Exchange Server 2007 and 2010 to Modern Public Folders in Exchange Server 2013. This lab walks you through all of the Windows PowerShell cmdlets to perform a migration. Also, learn about administration of Modern Public Folders.		Hall 7

Date	Time	Session Type	Code	Title	Abstract	Primary Speaker	Room
		Hands-on Lab	OFC-H317	Exploring Search Query Rules in Microsoft SharePoint 2013	This lab teaches how to configure and use query rules to modify search results. Specifically, open an out-of-the-box query rule, explore its settings, and modify it to show how search results are affected. Next, learn how to create a query rule to promote customized results based on the user's interests, skills, or other metadata in their profile.		Hall 7
		Hands-on Lab	OFC-H318	Hands-on with the Content Search Web Part in Microsoft SharePoint 2013	In this lab, gain hands-on experience with the new content search web part, and learn how it can harness the power of search to deliver adaptive experiences for end users.		Hall 7
		Hands-on Lab	OFC-H319	Installing and Configuring the Microsoft Exchange Server 2013 Edge Role	This lab provides the necessary experience to install and configure the edge transport role. It includes sections on installation, edge synchronization, and configuring edge transport rules. The lab should take around 45 minutes to complete. It consists of three virtual machines running Windows Server 2012 R2 and Microsoft Exchange Server 2013 SP1. The networking, domain, and Exchange org are pre-configured. In Section 1, you will install the prerequisites and install the edge role. In section 2, you will configure edge synchronization and explore the changes this makes. Section 3 covers creating and exploring edge transport rules and address re-writing.		Hall 7
		Hands-on Lab	OFC-H320	Introduction to Windows PowerShell with Microsoft SharePoint Server 2013	SharePoint Server 2013 Preview includes native support for Windows PowerShell 3.0 to help IT get more done in less time. Windows PowerShell 3.0 provides a comprehensive management platform for all aspects of the datacenter: servers, network, and storage. In this newest version of Windows PowerShell, sessions to remote servers are more resilient and can withstand various types of interruptions. This lab introduces you to Windows PowerShell in SharePoint 2013.		Hall 7
		Hands-on Lab	OFC-H321	Introduction to Tenant Administration in Microsoft SharePoint Server 2013	SharePoint Server 2013 has been designed, developed, and tested with the Microsoft Software-as-a-Service (SaaS) strategy at its core. Drawing extensively from that experience, SharePoint Server 2013 Preview offers you new and improved, highly flexible deployment options. This lab introduces you to Tenant Administration in SharePoint Server 2013.		Hall 7
		Hands-on Lab	OFC-H322	Introduction to the Machine Translation Service in Microsoft SharePoint Server 2013	You can reach more people with new cloud-based translation services capable of translating not only sites, but also their content. These services have a comprehensive set of APIs, REST, and CSOM support, so content can be pretranslated when needed, or translated on the fly by users—asynchronously, synchronously, or streaming. This lab introduces you to creating, configuring, and managing the Machine Translation Service in SharePoint Server 2013.		Hall 7
		Hands-on Lab	OFC-H323	What's New in Enterprise Content Management in Microsoft SharePoint 2013	This lab walks users through the new Enterprise Content Management (ECM) capabilities delivered in SharePoint 2013.		Hall 7
		Hands-on Lab	OFC-H324	Microsoft SharePoint Server 2013 Search Connectors and Using Business Connectivity Services	This lab teaches how to use connectors in SharePoint 2013 to access and search across external data sources. Starting with a simple example using SharePoint Designer, the participant moves on to explore and implement a custom Microsoft Business Connectivity Services (BCS) connector in Visual Studio. The connector shows how to access and crawl local file system content with security descriptors and return search results based on the user's authorization level.		Hall 7
		Hands-on Lab	OFC-H326	Overview of IT Professional Features in Microsoft SharePoint Server 2013	SharePoint Server 2013 Preview is designed to work how you work—providing scale and performance capabilities to grow with your business. SharePoint Server 2013 carries forward the solid architecture provided in SharePoint Server 2010, but also includes new capabilities designed to support the most demanding workloads. This lab introduces you to key new IT professional features in SharePoint Server 2013.		Hall 7
		Hands-on Lab	OFC-H328	Synchronizing Profile Pictures from On-Premises Active Directory to Microsoft SharePoint Online	In this lab, discover how the profile picture synchronization process works from on-premises Active Directory to Microsoft Online directory services (MSODS) to Microsoft Exchange Online to SharePoint Online.		Hall 7
		Hands-on Lab	OFC-H329	Troubleshooting Microsoft Lync Server 2013 Using Centralized Logging Service	During this lab, configure and use Centralized Logging and then use that to simulate troubleshooting an issue. Start and stop flush trace logging for any/all machines, start and stop logging based on various scenarios, identify what logging is turned on per pool or machine, and run a parameterized search of trace logs.		Hall 7
		Hands-on Lab	OFC-H330	Using IIS Application Request Routing to Publish Microsoft Lync Server 2013 Web Services	During this lab, learn how to deploy Application Request Routing in Lync Server 2013 using IIS. Observe the reverse proxy function of IIS as an alternative to Threat Management Gateway.		Hall 7
		Hands-on Lab	OFC-H331	Working with Site Mailboxes in Microsoft SharePoint Server 2013	Site Mailboxes bring together Microsoft Exchange emails and SharePoint documents into a central "filing cabinet" that can be accessed and edited only by site members. Under the covers, content is kept where it belongs (e.g., Exchange for email, SharePoint for docs) but is visible through Microsoft Outlook 2013 or SharePoint. Benefits of site mailboxes include application of common compliance policies at the mailbox level and better management of time-bound projects. This lab walks users through the configuration and usage of the new Site Mailbox feature.		Hall 7
		Hands-on Lab	WIN-H300	Microsoft BitLocker Administration and Monitoring v2.5	Come check out the new version of Microsoft BitLocker Administration and Monitoring 2.5 – from the Microsoft Desktop Optimization Pack (MDOP) for Software Assurance – which takes BitLocker to the next level by simplifying deployment and key recovery, centralizing compliance monitoring and reporting, and minimizing the costs associated with provisioning and supporting encrypted drives within your organization. This lab enables you to experience and use many of the new features such as System Center Configuration Manager integration, self-service recovery, PIN complexity, and Windows 8.1 support, just to name a few.		Hall 7