

TechEd North America 2014 Session Schedule
as of April 24, 2014

Date	Time	Session Type	Code	Title	Abstract	Speaker	Room
5/11/2014	1:00PM-2:15PM	TechEd 101	TE101	TechEd 101: An Introduction to TechEd (repeats on May 11 at 4:00pm)	TechEd 101 explains the many learning opportunities available throughout the week, and what has changed since you last attended, so you can create your ideal conference experience. Get an overview of the major components of TechEd—including TechExpo, Foundational Sessions, Labs, and Certification Testing. Learn how to make the most of your week through networking opportunities, find out where to get answers to your technical questions, and more.	Joey Snow; Richard Campbell; Rick Claus	351A
5/12/2014	9:00AM-10:30AM	Keynote	KEY01	TechEd Keynote	Join us for the TechEd 2014 opening Keynote with Microsoft's Brad Anderson, Corporate Vice President, Windows Server and System Center Program Management.		Hall B3
5/12/2014	11:00AM-12:00PM	Foundational	FDN01	Accelerating Application Performance and Gaining Insights with the Microsoft Data Platform	Data has always had the power to transform business and Microsoft SQL Server and the Microsoft Data Platform have been at the heart of that transformation. The new wave of groundbreaking Microsoft solutions with SQL Server 2014 and Power BI address your needs for mission-critical performance and availability, faster insights on any data, and greater efficiency and flexibility. We're excited to take you inside the technologies behind these database and business intelligence solutions—both on-premise and in the cloud. Learn more about SQL Server 2014, the next release of SQL Server. SQL Server 2014 delivers higher performance on large volumes of data with our new In-Memory OLTP technology as well as greater availability through our hybrid disaster recovery and backup solutions. Explore Power BI for Office 365, our new cloud-based BI solution that empowers you to search, discover, and access data within and outside your organization and unlock insights with rich visualizations using familiar tools on any device. See Microsoft Azure SQL Database in action, delivering predictable performance for business-critical applications in the cloud. Learn how to take advantage of these and other technologies to add greater value to your organization.	Shawn Bice	Grand Ballrm A
5/12/2014	11:00AM-12:00PM	Foundational	FDN02	Enabling Enterprise Mobility with Windows Intune, Microsoft Azure, and Windows Server	People want to choose their own devices and be productive in a way that best suits them. IT is responsible for managing corporate assets and resources. Once users are working on mobile devices across the various platforms of Windows, iOS, and Android (i.e., BYOD not joined to a domain) IT needs a way to manage all personal and corporate devices, enforce corporate data protection and have a way to securely publish access to these resources with strong authentication, such as conditional claims-based access and multi-factor authentication. Microsoft provides a unified management environment for all these platforms, a rich desktop virtualization experience for Windows, Mac OS, iOS, Android, information protection, and a hybrid identity for users across existing on-premises investments and connected to new cloud services in Microsoft Azure Active Directory. We call this approach People-centric IT (PCIT). In this session, we cover the scenarios we deliver in PCIT through Microsoft System Center Configuration Manager, Windows Intune, Windows Server, and Azure Active Directory, and showcase with demos how they come together in real-world implementations so customers can have productive users working on the device and platform of their choice.	Adam Hall; Andrew Conway; Demi Albulz; Jason Leznek	Grand Ballrm B
5/12/2014	11:00AM-12:00PM	Foundational	FDN03	Enabling Enterprise Mobility with Windows and Microsoft Office 365	Today, over 80% of the global workforce spends at least some portion of their time working outside of the office. Anytime, anywhere access is the new normal, and device proliferation, whether personally or corporate owned, is leaving corporate data more dispersed than ever. IT has never been more challenged to deliver business solutions—fast—in this new mobile era; while also keeping corporate data protected. Come hear how Microsoft is enabling companies to embrace mobility solutions that truly transform their business—by providing modern hardware, a range of new devices, a consistent user experience across those devices, built-in communication and collaboration tools, enterprise grade security and management features, and a robust platform for mobile applications.	Alan Meeus; Brad McCabe	Grand Ballrm C
5/12/2014	11:00AM-12:00PM	Foundational	FDN04	Modern Application Lifecycle Management	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 Harry; Brian Keller	General Assembly A
5/12/2014	11:00AM-12:00PM	Foundational	FDN05	The Microsoft Application Platform for Developers: Create Applications That Span Devices and Services	There is no better time for being a developer than today. Companies nowadays 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 Microsoft platform has to offer for developers to modernize their applications and create compelling experiences across devices and powered by agile, scalable services in the cloud. We cover the key pieces such as Microsoft Azure, Windows, Windows Phone, Visual Studio and Microsoft .NET Framework in a fast-paced, demo-centric session that introduces you to the possibilities that the Microsoft platform provides for developers.	Scott Hanselman	General Assembly B
5/12/2014	11:00AM-12:00PM	Foundational	FDN06	Transform the Datacenter: Making the Promise of Connected Clouds a Reality	Cloud computing continues to shift the technology landscape, but most are still working to truly harness its potential for their organizations. How can you bring cloud computing models and technologies into your datacenter? How can you implement a hybrid approach across clouds that delivers value and meets your unique needs? This foundational session is all about making it real from the ground up. Topics include new innovations spanning server virtualization and infrastructure as a service, network virtualization and connections to the cloud, ground-breaking on-premises and cloud storage technologies, business continuity, service delivery, and more. Come learn from Microsoft experts across Windows Server, System Center, and Microsoft Azure about how you can apply these technologies to bring your datacenter into the modern era!	Brian Hillger; Elden Christensen; Jeff Woolsey; Jeffrey Snover; Matt McSpirit	General Assembly C
5/12/2014	1:15PM-2:30PM	Breakout	DBI-B211	All You Need to Know about Microsoft Power BI for Office 365	Power BI for 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	332A
5/12/2014	1:15PM-2:30PM	Breakout	DBI-B332	AlwaysOn in Microsoft SQL Server 2014	This session describes the AlwaysOn enhancements in SQL Server 2014 and how customers can leverage them to ensure high availability.	Luis Carlos Vargas Herring	362A
5/12/2014	1:15PM-2:30PM	Breakout	DCIM-B311	Delivering Exceptional IOPS/\$ with Windows Server 2012 R2	Virtualization simplifies consolidation by enabling multiple workloads to share the same hardware, including the same storage. Hosting multiple datasets in and serving multiple workloads from the same storage requires a high-performance, high-capacity storage deployment. In this session, learn how Windows Server 2012 R2 and Tiered Storage Spaces deliver the exceptional IOPS/\$ that modern datacenters demand.	Tobias Klima; Vishal Shah	Hilton L2 Ballrm A
5/12/2014	1:15PM-2:30PM	Breakout	DCIM-B314	Extend Datacenter Networking with Partner Solutions	Partners have used the extensibility of the Hyper-V Virtual Switch to provide innovative datacenter solutions. Three partners will show the workflow and walk-through the steps to configure their switch based products, and show how to configure them in a Hyper-V Network Virtualization environment. 5Nine will demonstrate how to configure and use security groups in their firewall product, Cloud Security for Hyper-V. NEC will demonstrate configuring their OpenFlow vSwitch, PF1000. And Cisco will demonstrate how to configure the Nexus 1000V for Hyper-V.	Bob Combs	310A
5/12/2014	1:15PM-2:30PM	Breakout	DCIM-B318	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.	Jeffrey Snover	Grand Ballrm B

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5/12/2014	1:15PM-2:30PM	Breakout	DCIM-B319	Building a Backup Strategy for Your Private Cloud	Guaranteeing that your virtual machines are fully and efficiently protected is critical in private cloud environments. Come to this session to learn about how Backup has evolved in Hyper-V, and how this should affect the way you think about protecting your environment. This session discusses Windows Server 2012 R2 Hyper-V, Windows Server Backup, Microsoft System Center 2012 R2 Data Protection Manager and non-Microsoft Backup Solutions for the Microsoft private cloud platform.	Doug Hazelman; Michael Jones; Shivam Garg; Taylor Brown; Vineeth Karinta	361A
5/12/2014	1:15PM-2:30PM	Breakout	DCIM-B338	Software-Defined Storage Solutions: Storage Management Plane Functionality in Windows Server 2012 R2 and Microsoft System Center 2012 R2	Windows Server 2012 R2 and Microsoft System Center 2012 R2 includes multiple investments in storage: performance, resiliency, efficiency, provisioning, automation, classification, and discovery. This session covers four real-world scenarios that showcase the storage management plane investments in SMAPI and VMM. Scenarios include: disaster recovery, guest clustering with Fibre Channel storage, Scale-Out File Server, and rapid provisioning using SAN offload.	Hector Linares	372A
5/12/2014	1:15PM-2:30PM	Breakout	DCIM-B383	What's New in Microsoft Azure IaaS	Last year, we announced the General Availability for Microsoft 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 have been recently added to Azure IaaS. You can be assured that we will showcase some new features for the first time in this session!	Corey Sanders	370A
5/12/2014	1:15PM-2:30PM	Breakout	DEV-B210	The Present and Future of .NET in a World of Devices and Services	Come see an end-to-end view of the .NET Framework 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.	Habib Heydarian	371A
5/12/2014	1:15PM-2:30PM	Breakout	DEV-B310	Getting Started with TypeScript	JavaScript has grown from a webpage toy to being used in large-scale deployments both on the server and in the browser. This rapid growth has outpaced the growth of the language itself, which lacks features that allow teams to communicate requirements and build applications safely. This session offers a guided tour of TypeScript, showing how the language and toolset makes it easier to write cross-platform, large-scale JavaScript applications.	Jonathan Turner	Hilton L2 Ballrm D
5/12/2014	1:15PM-2:30PM	Breakout	DEV-B311	Building Highly Available and Scalable Applications in Microsoft Azure	Join this session and learn how you can build resilient architectures and achieve highly reliable applications running in Azure. The session demonstrates use cases and a few end-to-end scenarios.	Narayan Annamalai; Stephen Malone	360A
5/12/2014	1:15PM-2:30PM	Breakout	DEV-B352	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!	Daniel Moth	General Assembly C
5/12/2014	1:15PM-2:30PM	Breakout	OFC-B212	Microsoft Office 365 ProPlus: Expanding Your Deployment Skills	How is Office 365 ProPlus deployment different than "traditional" Office deployment? What's the difference between MSI and Click-to-Run? How does Office 365 activation work? How do I get more familiar with technologies like DirSync and Active Directory Federation Services (AD FS)? Come join us for this demo-rich session that will help you see a path forward and upgrade your Office client deployment skills and expand into Office 365 ProPlus deployment.	Curtis Sawin	342D
5/12/2014	1:15PM-2:30PM	Breakout	OFC-B220	Stop, Collaborate, and Listen	Everyone is talking about collaboration, workflow, and ticketing systems these days. With SharePoint and Yammer on Microsoft Office 365, we can collaborate more effectively in our teams and with our customers. Before you start down the path of selecting a tool, you have to determine your organizational readiness and understand the what, why, and how of collaboration systems. This session is valuable to CIOs, helpdesk technicians, and business analysts, as well as anyone who wants to move beyond and into collaborative methods of project management and workflow.	Jessica DeVita	381A
5/12/2014	1:15PM-2:30PM	Breakout	OFC-B254	Integrating Yammer and Microsoft SharePoint Using .NET	Come and see how to use the Yammer REST API along with the SharePoint App Model to build integrated applications using .NET server side code. This session begins with the basic process of using the Yammer REST API and serializing the data into easy to use .NET classes. That foundation is then used to demonstrate building applications that integrate Yammer and SharePoint, as well as being able to deliver that content on a multitude of devices. The same methods are then used to show how you can turn the authorization model for SharePoint completely around by using Yammer users and groups for security in your SharePoint site.	Richard diZerega	350D
5/12/2014	1:15PM-2:30PM	Breakout	OFC-B273	Introducing the New Office 365 Video Experience	Come join us for a sneak peek at Video for Office 365, a new out-of-the-box enterprise video streaming service for Microsoft Office 365. It is built on top of SharePoint Online and Azure Media Services leveraging the power of the cloud to bring world class video streaming to your organization.	Marc Mroz	352D
5/12/2014	1:15PM-2:30PM	Breakout	OFC-B310	Future Look at Microsoft Exchange Server	In this session we provide a look at the future of Exchange, including early demos of new capabilities and discussion of how features will be released in Microsoft Office 365 and the next major release of Exchange Server.	Pavani Haidasyam	General Assembly A
5/12/2014	1:15PM-2:30PM	Breakout	OFC-B411	Advanced Troubleshooting for Microsoft Lync	Have you ever found yourself lost in a sea of snooper traces with no clear path or direction to take? During this session we perform investigations using relevant log files and systematic troubleshooting techniques to isolate and fix a series of problems one at a time. During the session we review many common areas of misconfiguration and review the corresponding errors that you might see in these misconfigured deployments.	Aaron Miller; Scott Stubberfield	320A
5/12/2014	1:15PM-2:30PM	Breakout	PCIT-B310	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 organization's 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; Martyn Coupland	Grand Ballrm C
5/12/2014	1:15PM-2:30PM	Breakout	PCIT-B311	What's New in Enterprise Management with Microsoft System Center Configuration Manager and Windows Intune	Come hear about the latest in enterprise mobility management using Windows Intune and System Center 2012 R2 Configuration Manager. See the newest Windows Intune enhancements for managing Windows Phone, iOS and Android systems in action and learn about the newest features in Configuration Manager. We'll demonstrate how Configuration Manager and Windows Intune work together to offer a single, seamless cross platform device management solution.	Craig Morris; Dave Randall	General Assembly B
5/12/2014	1:15PM-2:30PM	Breakout	WIN-B210	The New Windows Phone Application Model	The new release of Windows Phone 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.	Andy Wigley	382A
5/12/2014	1:15PM-2:30PM	Breakout	WIN-B310	TWC: Bulletproofing Your Network Security	Learn to halt hackers in their tracks. This session demonstrates the best tools and techniques to harden your devices—from your laptop, to your cell phone, to your servers and your services. Gain key insights that, for years, have been reserved only for the top IT staff of the NSA and others in the Federal government. Learn how you can make your network secure and stay one step ahead of the next wave of malware, malicious insiders, and cyber criminals. Still not convinced? What you learn in this session will change your way of thinking, and be your first step toward building a highly secure network. At the end of the presentation, you will rush to double check your "systems" security.	Erdal Ozkaya; Milad Aslaner	Grand Ballrm A

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5/12/2014	1:15PM-2:30PM	Breakout	WIN-B311	Raising the Security Bar with Windows 8.1	Windows 8.1 offers an enormous leap forward when it comes to security and it includes the largest set of security improvements that we've ever delivered a single release. Some say those features are as impactful as everything we delivered within Windows XP, Windows Vista, and Windows 7, and we'd have to agree. In this session we drill into the details of new modern threats you're facing and then show you how Windows 8.1 security capabilities are up to the take and will change the game.	Chris Hallum	351A
5/12/2014	1:15PM-2:30PM	Exam Prep	EXM01	Exam Prep: 70-410 and 70-417 - MCSA: Windows Server 2012 (repeats on May 13 at 5:00pm)	This Exam Prep session is designed for people experienced with Windows Server 2012 who are interested in taking the 70-410 (Installing and Configuring Windows Server 2012) exam or the 70-417 (Upgrading Your Skills to MCSA Windows Server 2012) exam. These exams are required for the new MCSA: Windows Server 2012 certification. Attendees of this session can expect to review the topics covered in these exams in a fast-paced format, as well as receive some valuable test taking techniques. Attendees will leave with an understanding of how Microsoft certification works, the key topics covered in the exams, and an exhaustive look at resources for finalizing getting ready for the exam. The session is led by a Microsoft Certified Trainer (MCT), experienced in delivering sessions on these topics. If you have an MCSA on Windows Server 2008, or are new to Certification, this is the best first step to getting certified on Windows Server 2012.	Alfred Ojukwu	Hilton L2 Ballrm F
5/12/2014	1:15PM-2:30PM	Instructor-led Lab	DCIM-IL201	Implementing Desired State Configuration in Windows Server 2012 R2 (repeats on May 13 at 5:00pm)	In this lab, learn how Desired State Configuration in Windows PowerShell 4.0 allows you to deploy, maintain, and remediate to the desired state.	Hemant Mahawar; Kenneth Hansen	Hall E ILL Room 3
5/12/2014	1:15PM-2:30PM	Instructor-led Lab	PCIT-IL301	Migrating Active Directory to Windows Server 2012 R2 (repeats on May 14 at 8:30am and May 15 at 1:00pm)	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 are transferred to enable the Windows Server 2008 R2 domain controller to be retired.	Adam Hall	Hall E ILL Room 1
5/12/2014	1:15PM-2:30PM	Instructor-led Lab	PCIT-IL302	Enabling Hybrid Information Protection with Microsoft Azure Rights Management Services (RMS) and the RMS Connector	Most of our customers are utilizing Microsoft Exchange and SharePoint on-premises. The Microsoft Rights Management Services (RMS) connector enables these customers to benefit from Azure RMS with a seamless integration experience. In this lab, start with a typical on-premises scenario, set up an Azure RMS tenant, enable directory synchronization with Azure AD, deploy the RMS connector and enable SharePoint and Exchange integration into Azure RMS.	Enrique Saggese	Hall E ILL Room 2
5/12/2014	1:15PM-2:30PM	Instructor-led Lab	WIN-IL301	Resolving Windows Performance Issues without Opening a Support Case (repeats on May 13 at 8:30am and May 15 at 10:15am)	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!	Joao Botto; Yasin Sögütü	Hall E ILL Room 4
5/12/2014	3:00PM-4:15PM	Breakout	DBI-B287	Microsoft SQL Server 2014: In-Memory OLTP Overview	In-Memory OLTP (formerly known as "Hekaton") is a key feature in the In-Memory offerings of SQL Server 2014. In this overview session, we discuss the user scenarios and the hardware trends such as decreasing memory cost, many-core processors, stalling CPU clock rate that prompted the key architectural pillars of memory optimization, no lock/latch concurrency control and native compilation, as well as how In-Memory OLTP is integrated into SQL Server.	Kevin Farlee	342D
5/12/2014	3:00PM-4:15PM	Breakout	DBI-B324	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 us to learn more about Power Query, and the next set of experiences we are working on delivering in the future as enhancements to Power Query.	Faisal Mohamood; Miguel Llopis	330
5/12/2014	3:00PM-4:15PM	Breakout	DCIM-B211	Service Provider Datacenter Architecture	Delivering solutions that meet users' needs for reliability and availability while driving down costs is a challenge faced by service providers and enterprises alike. Windows Server 2012 ushered in a new generation of system architecture and design. Learn how to take advantage of the capabilities in Windows Server 2012 and the enhancements in Windows Server 2012 R2 to design and deliver highly scalable, modular cloud ready datacenter solutions.	Philip Moss	352D
5/12/2014	3:00PM-4:15PM	Breakout	DCIM-B224	ITIL Crash Course for IT Pros: Building to Operate	Planning a Service Management project and barely know how to spell ITIL? Come to the ITIL Crash Course for IT professionals so you can engage in re-discovering how to deliver on IT better. Find out how to determine what to deliver to your customers, how to set expectations, and how to operate successfully. This crash course will help you interact with the business and successfully map process to technology.	Nathan Lasnoski	372A
5/12/2014	3:00PM-4:15PM	Breakout	DCIM-B310	The StorSimple Approach to Solving Issues Related to Growing Data Trends	StorSimple enables enterprise customers to integrate Microsoft Azure with their datacenter. This session discusses the building blocks for the StorSimple solution (linear tier storage, object storage, and location independence of data) and applying these building blocks to solve data growth problems. The final portion provides a future vision for hybrid cloud storage (HCS) with StorSimple and Azure.	Marc Farley	310A
5/12/2014	3:00PM-4:15PM	Breakout	DCIM-B313	Best Practices for Virtualizing and Managing Microsoft SharePoint 2013 with Microsoft System Center 2012 R2 and Windows Server 2012 R2	SharePoint 2013 is now a company standard, but what is supported, sensible, or even practicable? How do we go about monitoring and managing SharePoint? In this session, we discuss the virtualization path and best practices using Hyper-V for high availability and why virtualization makes sense. With the foundations in place we take a deep dive on how we can monitor SharePoint Farms, the availability of each role and how we can profit from a combination of the Health Service within SharePoint 2013 and the wealth of what System Center Operations Manager 2012 R2 can offer to make the management experience an easier one. We also look at advancements we can make outside of the box by directly integrating the Hive for exceptions. What will we learn? How to effectively manage and monitor our SharePoint farms of any size. Why not make a complex task fun, with measurable results.	Marcos Nogueira	361A
5/12/2014	3:00PM-4:15PM	Breakout	DCIM-B317	Lessons Learned: Designing and Deploying the Windows Azure Pack in the Real-World	Windows 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.	Marc van Eijk	371A
5/12/2014	3:00PM-4:15PM	Breakout	DCIM-B325	The Real-World Guide to Upgrading Your IT Skills AND Your Infrastructure, Part 1	Two self-proclaimed "Server Huggers" will take you along their journey of how they overcame their apprehension of Cloud technologies to level up their IT Skills. In other words bringing clarity to the role of the IT Professional in a cloud world. This two part demo heavy session provides practical real world examples of how to replicate and extend an existing on premise infrastructure to the next generation of Server and Cloud - opening the door to simple, predictable and scalable IT solutions that put the IT Professional back in control. Part One: Leverage your current IT Skills to tackle the big challenges of getting up to date and virtualizing one of the most important workloads (Active Directory) safely in a virtualized lab environment. Once up to date, it's time to migrate and test existing or new workloads	Joey Snow; Rick Claus	Grand Ballrm A
5/12/2014	3:00PM-4:15PM	Breakout	DCIM-B384	Microsoft Azure Storage	Azure Storage is a highly scalable, available, and durable cloud storage system that stores trillions of objects and serves in excess of 1 million requests per second. It provides abstractions like NoSQL Tables, Blobs, and Queues etc. all built on top of the same framework. This talk gives an overview of Azure Storages and describes best practices that has enabled customers to build resilient services on storage and new features.	Andy Edwards; Jai Haridas	320A

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5/12/2014	3:00PM-4:15PM	Breakout	DEV-B211	Getting Started with Visual Studio Online	Visual Studio Online (www.visualstudio.com) brings together Microsoft Visual Studio, Team Foundation Server, and Microsoft Azure into an easy-to-consume cloud-hosted solution for application lifecycle management. In this demo-heavy session, we start from scratch and quickly build up a solution for managing our Git 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. You are invited to bring your laptop and follow along to get your own project up and running by the time you leave this session. 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.	Dmitry Lyalin; Martin Woodward	332A
5/12/2014	3:00PM-4:15PM	Breakout	DEV-B212	Microsoft Azure in the Enterprise	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 help them do this.	David Chappell	Hilton L2 Ballrm D
5/12/2014	3:00PM-4:15PM	Breakout	DEV-B213	ASP.NET: Building Web Application Using ASP.NET and Visual Studio	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 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 Hanselman; Scott Hunter	Grand Ballrm C
5/12/2014	3:00PM-4:15PM	Breakout	DEV-B230	Most Commonly Asked for On-Premises Customizations Reimagined as Applications for SharePoint	This session covers site provisioning from Microsoft SharePoint Online and on-premises using provider-hosted apps that can be hosted on Microsoft Azure. Besides the creation of the site collections, we also focus on how you can customize your sites, including personal sites, using CSOM techniques. This approach offers an alternative for the "classic" site/web templates. Get ready to go deep—we show lots of code and demos.	Richard diZerega; Steve Walker	350D
5/12/2014	3:00PM-4:15PM	Breakout	DEV-B315	Applying S.O.L.I.D. Principles in .NET/C#	Have you heard of the S.O.L.I.D. principles? You have? Can you explain them all? And make your colleague understand them, and why they are useful? If not, you should definitely go to this session, as it walks through each one of the principles, explaining what it means and why it is useful. We show C# code examples explaining how they help you, and what problems you solve by adhering to them.	Chris Klug	General Assembly B
5/12/2014	3:00PM-4:15PM	Breakout	OFC-B215	Overview of Business Intelligence in Microsoft Office and Office 365	What separates the Microsoft Business Intelligence platform from the competition? Be armed with the 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, Microsoft 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; Sea Young Rhee	370A
5/12/2014	3:00PM-4:15PM	Breakout	OFC-B216	Microsoft Outlook Connectivity: Current and Future	Ever wanted to understand the ways Outlook connects to Microsoft Exchange Server 2013 or Microsoft Office 365? Join this session to gain a deep understanding of the way Outlook connects to Exchange - with MAPI/HTTP. This session helps on-premises and Office 365 customers understand how we are evolving the underlying technology to offer a superior Outlook experience in the face of network blips, and explains what to do if things go wrong.	Abdelkader Bahgat	362A
5/12/2014	3:00PM-4:15PM	Breakout	OFC-B217	Microsoft Office 365 Security, Privacy, and Compliance Overview	Do you want to learn about how you can keep your data safe in Office 365? Do you want to understand the fundamentals that guide Office 365 to ensure customers' data is kept secure, private and compliant with industry standards and regulations? Do you want to know what controls you have as a customer to tune up or tune down security within your environment in Office 365? This session covers the service level aspects of security, privacy and compliance in Office 365 and customer controls that we provide to enable you to tailor your environment in Office 365.	Jeff McDowell; Vijay Kumar	360A
5/12/2014	3:00PM-4:15PM	Breakout	OFC-B218	What's New with Microsoft Lync 2013 for Mobile Clients	Learn what is new with our Lync Mobile clients for Windows Phone, iPhone, iPad and Android since last year's Lync Conference. The Lync Mobile Team has released a large number of features and improvements over the past year. Let's walk through some of the bigger features and how they will enable your users to be more productive when on the move. Includes features such as using Lync when you don't have a Lync Account (anonymous join), application and desktop share viewing, certificate and passive authentication, and more.	Paul Robichaux	381A
5/12/2014	3:00PM-4:15PM	Breakout	OFC-B340	Lync Meetings and Edge: Why It Matters, and Why You Need It	Lync Meetings often include people outside of our company, some who have Microsoft Lync and others who do not. This session covers the ways in which you can securely and confidently allow those participants to join Lync Meetings. Session topics include planning considerations, typical concerns, and configuration guidance around geographically dispersed Edge topology, all intended to help you get the most from Lync Meetings.	Adam Gent	340
5/12/2014	3:00PM-4:15PM	Breakout	OFC-B410	Top Ten Non-SharePoint Technical Issues That Can Doom Your Implementation	You've heard that Microsoft SharePoint implementations are technically challenging and complex because of all of the pieces. However, the real truth is that much of what makes SharePoint difficult to implement correctly has nothing to do with SharePoint and everything to do with implementing the core technologies. In this session, we tour the most common issues with the supporting technologies that cause frustration and performance issues. You will leave armed with a set of specific criteria and architecture principles to ensure a successful implementation.	Robert Bogue	Hilton L2 Ballrm C
5/12/2014	3:00PM-4:15PM	Breakout	PCIT-B210	TWC: How Security Promotes Trust in the Cloud	Over the last several years we've seen many organizations benefit from the investments they've made in cloud services. These investments have provided cost benefits, the ability to alter capacity quickly, and the time to focus on other areas of business. However, the topic of security in the cloud is sometimes regarded as a barrier to adoption. In this session, learn how security can benefit cloud adoption, how security strengths can be used as compelling reasons for moving to the cloud, and how shared responsibilities can help business organizations and their providers establish trusting relationships. The session considers resources and ways to position security as an advantage.	Frank Simorjay	382A
5/12/2014	3:00PM-4:15PM	Breakout	PCIT-B215	What's New in Microsoft System Center 2012 R2 Configuration Manager Infrastructure	This session walks you through the infrastructure improvements in System Center 2012 R2 Configuration Manager, including deployment enhancements, operational enhancements, and content distribution enhancements.	Jim Dempsey; Martin Booth	Hilton L2 Ballrm A
5/12/2014	3:00PM-4:15PM	Breakout	PCIT-B342	RemoteApp for Mobility and BYOD	This session gives a brief overview of utilizing RemoteApp for Mobility and BYOD scenarios where IT can enable users to access corporate data and applications while ensuring compliance. With the new Microsoft Remote Desktop app, end users can access corporate applications from a variety of devices and platforms including iOS, Mac OS X, and Android, in addition to Windows and Windows RT.	Demi Albu; Samim Erdogan	Grand Ballrm B
5/12/2014	3:00PM-4:15PM	Breakout	WIN-B314	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	General Assembly C
5/12/2014	3:00PM-4:15PM	Breakout	WIN-B316	Managing Windows 8.1 and Windows RT 8.1 Using Mobile Device Management	Windows 8.1 and Windows RT 8.1 include a new mobile device management (MDM) capability that provides functionality for deploying apps, managing settings, configuring VPN and wireless, deploying certs and more. In this session, we look at how this works, both with Microsoft and non-Microsoft MDM solutions.	Michael Niehaus	351A

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Date	Time	Session Type	Code	Title	Abstract	Speaker	Room
5/12/2014	3:00PM-4:15PM	Breakout	WIN-B318	Deploying Microsoft BitLocker Administration and Monitoring (MBAM) 2.5	Come check out the new version of Microsoft BitLocker Administration and Monitoring 2.5—from the Microsoft Desktop Optimization Pack (MDOP) for Software Assurance—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.	Briton Zurcher; Jerry Nixon; Lance Crandall	General Assembly A
5/12/2014	3:00PM-4:15PM	Exam Prep	EXM02	Exam Prep: 70-411 and 70-417 - MCSA: Windows Server 2012	This Exam Prep session is designed for people experienced with Windows Server 2012 who are interested in taking the 70-411 (Administering Windows Server 2012) exam or the 70-417 (Upgrading Your Skills to MCSA Windows Server 2012) exam. These exams are required for the new MCSA: Windows Server 2012 certification. Attendees of this session can expect to review the topics covered in these exams in a fast-paced format, as well as receive some valuable test taking techniques. Attendees will leave with an understanding of how Microsoft certification works, the key topics covered in the exams, and an exhaustive look at resources for finalizing getting ready for the exam. The session is led by a Microsoft Certified Trainer (MCT), experienced in delivering sessions on these topics.	Alfred Ojukwu	Hilton L2 Ballrm F
5/12/2014	3:00PM-4:15PM	Instructor-led Lab	DCIM-IL308	Windows Server 2012 R2: Introduction to Failover Clustering with Hyper-V (repeats on May 13 at 1:30pm and May 13 at 5:00pm)	Windows Server 2012 R2 Failover Clustering is Microsoft's industry leading high-availability technology. In this introductory session, 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.	Symon Perriman	Hall E ILL Room 2
5/12/2014	3:00PM-4:15PM	Instructor-led Lab	PCIT-IL200	Introduction to Microsoft System Center 2012 R2 Configuration Manager (repeats on May 14 at 5:00pm)	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.	Wally Mead	Hall E ILL Room 3
5/12/2014	3:00PM-4:15PM	Instructor-led Lab	PCIT-IL304	Implementing a Basic PKI in Windows Server 2012 R2 (repeats on May 13 at 3:15pm)	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.	Adam Hall	Hall E ILL Room 1
5/12/2014	3:00PM-4:15PM	Instructor-led Lab	WIN-IL201	Deploying Windows 8.1 with Microsoft Deployment Toolkit 2013 (repeats on May 13 at 8:30am)	In this lab, explore how to use Microsoft Deployment Toolkit (MDT) 2013 together with Microsoft System Center 2012 R2 Configuration Manager to deploy Windows 8.1.	Alexey Semibratov; Ben Hunter	Hall E ILL Room 4
5/12/2014	4:45PM-6:00PM	Breakout	DBI-B325	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	330
5/12/2014	4:45PM-6:00PM	Breakout	DCIM-B223	The Future of Microsoft Azure DevOps: Building, Deploying, Managing, and Monitoring Your Cloud Applications in the New Azure Portal	We are excited to share the new, Microsoft Azure Portal Preview – reimagined, redesigned, and remade for you. Join us for this journey into the future of DevOps, integrating 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 your builds and tests, tracking work items, and monitoring the health of your deployed application with rich insights, all inside the new Azure Portal Preview. Join us in our session and hear about the future of this new platform.	Bradley Millington; Chandrika Shankar	310A
5/12/2014	4:45PM-6:00PM	Breakout	DCIM-B308	Advanced Lessons Learned from Implementing Microsoft System Center 2012 R2 Service Manager	After working with System Center Service Manager for five years, we've managed to learn quite a bit of what to do and what not to do. This session teaches you many of the DO's and DON'Ts on the technic, architecture, organization, and process side.	Anders Asp	372A
5/12/2014	4:45PM-6:00PM	Breakout	DCIM-B321	Windows Azure Pack: Automation Essentials for Tenant Provisioning	Join the Windows Server and Microsoft System Center product teams once again as we take a deeper dive into the automation specifics related to tenant provisioning in the Azure Pack solution. In this session we explore the functionality and examine each Service Management Automation (SMA) Runbook. If you haven't seen SMA in action yet, this is a must-see session and a great way to get started. Session includes links to free downloadable content of the demo and example solution (from post found at http://aka.ms/IntroToSMA).	Charles Joy	361A
5/12/2014	4:45PM-6:00PM	Breakout	DCIM-B322	Implementing Enterprise-Scale Disaster Recovery with Hyper-V Recovery Manager, Network Virtualization, and Microsoft System Center 2012 R2	In this session we cover different aspects of Hyper-V Recovery Manager, an enterprise-scale Disaster Recovery solution to provide a single click failover in case of disaster (e.g., automation of overall DR workflow using with sequencing, manual actions, etc. to provide both application and site level DR). We cover the most frequently asked end-point support from our customers: Azure to help save precious CAPEX. Learn how to enable Azure as a Disaster Recovery point in a secure manner and seamless management of failover, fallback type activities using Azure IaaS VM. 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. The session also covers enhancements to the solution for the private datacenter to the private datacenter scenario.	Manoj Jain; Vishal Mehrotra	Hilton L2 Ballrm D
5/12/2014	4:45PM-6:00PM	Breakout	DCIM-B323	Building a Real-World Hybrid Cloud with Seamless Application Portability	You already know the ingredients: Windows Server 2012 Hyper-V, Microsoft System Center, Microsoft Azure and Microsoft 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 solution. 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 .NET and Java applications between private and public resources (without code changes!) using a solution from Apprenda and Microsoft.	Michael Michael; Rakesh Malhotra	352D
5/12/2014	4:45PM-6:00PM	Breakout	DCIM-B324	PowerShell Desired State Configuration and DevOps in Microsoft Azure	Learn how to leverage Windows PowerShell Desired State Configuration to operationalize "DevOps" capabilities on Azure. We start with the basics of PowerShell DSC working through the basic architecture, example uses and preventing "configuration drift." We review DevOps principles and then apply those principles using PowerShell DSC over Azure to enable continuous deployment.	Hemant Mahawar; Kenneth Hansen	360A
5/12/2014	4:45PM-6:00PM	Breakout	DCIM-B326	The Real-World Guide to Upgrading Your IT Skills AND Your Infrastructure, Part 2	Two self-proclaimed "Server Huggers" will take you along their journey of how they overcame their apprehension of Cloud technologies to level up their IT Skills. In other words bringing clarity to the role of the IT Professional in a cloud world. This two part demo heavy session provides practical real world examples of how to replicate and extend an existing on premise infrastructure to the next generation of Server and Cloud - opening the door to simple, predictable and scalable IT solutions that put the IT Professional back in control. Part Two: Find out the real world difference between using your own big room of blinky lights or extending to the cloud.	Joey Snow; Rick Claus	Grand Ballrm A
5/12/2014	4:45PM-6:00PM	Breakout	DCIM-B329	Building Highly Effective Dashboards in Microsoft 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.	Jeremy Winter; Ryan Benson	General Assembly A
5/12/2014	4:45PM-6:00PM	Breakout	DCIM-B378	Converged Networking for Windows Server 2012 R2 Hyper-V	Converged networking has great potential for increasing the performance, flexibility, and cost effectiveness of your Hyper-V deployment. However, it also introduces new concepts and new potentials for misconfiguration. Come to this session to hear from the Hyper-V and Networking team on the best way to approach converged networking for Windows Server 2012 R2 Hyper-V environments.	Don Stanwyck; Taylor Brown	Hilton L2 Ballrm A

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5/12/2014	4:45PM-6:00PM	Breakout	DEV-B223	Favorite Things for C++ Developers in Visual Studio 2013	This is a fast-paced session taking you through a tour of the new features available to C++ developers in Microsoft Visual Studio 2013. This talk covers the breadth of the Visual C++ tools including the improved productivity features in the IDE, C++11 language conformance, compiler optimizations that make your code run faster, and C++ AMP for general purpose GPU compute. Don't miss it!	Eric Battalio	381A
5/12/2014	4:45PM-6:00PM	Breakout	DEV-B308	Salesforce Did What? Learn How Salesforce Built Libraries and Tools for .NET Developers	Building an SDK and Visual Studio extension used by developers is no easy task, but using tools provided by Microsoft and other third parties makes it significantly easier. Join Wade Wegner, Technical Evangelist for salesforce.com, as he explains how he built the Salesforce Toolkits for .NET. In this session, learn about Dev/CI environments, NuGet packaging, targeting multiple platforms using the Portable Class Libraries, the Async and Await asynchronous design pattern, dynamics, and much more. This talk is heavy in code and examples, so come on in and join us!	Wade Wegner	Hilton L2 Ballrm C
5/12/2014	4:45PM-6:00PM	Breakout	DEV-B309	Make Data-Driven, High-Impact Improvements to an Application with Application Insights	Application Insights delivers the holy grail of EASILY determining how customers are using your product, what their experience is, the environments your customers are using, and ensuring your applications are successful in meeting your business needs. This data is provided by the usage telemetry capabilities of Application Insights. In this session, discover how easy it is to add this to your existing applications through a simple "right click" option in Visual Studio. Demos include enabling usage telemetry with Application Insights from Windows Phone apps, Windows Store apps, Web applications, as well as custom logging, custom events, and dashboard creation.	Bret Grinslade	370A
5/12/2014	4:45PM-6:00PM	Breakout	DEV-B316	The Next Generation of .NET for Building Applications	This deep-dive session presents new advances in .NET for building applications. Learn how features such as cloud compilation, a new Just-In-Time compiler (JIT) and parallel processing enable you to build applications that are faster and consume less memory.	Habib Heydarian	General Assembly C
5/12/2014	4:45PM-6:00PM	Breakout	DEV-B317	Mobile Line-of-Business Applications in Microsoft Azure	Recent updates to Mobile Services make it easier than ever to add a mobility layer to existing enterprise systems and data. Learn how you can take advantage of key features like authenticating users via Active Directory, easily configuring a point-to-point connection between on-premises assets like Oracle or SAP and a Mobile Services backend, offline sync, and more.	Kirill Gavrylyuk; Matthew Henderson	320A
5/12/2014	4:45PM-6:00PM	Breakout	DEV-B318	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.	Hasain Alshakarti; Marcus Murray	General Assembly B
5/12/2014	4:45PM-6:00PM	Breakout	DEV-B319	Get Started Developing Applications for Microsoft Office and SharePoint Server 2013	Microsoft Office and SharePoint Server 2013 introduce a new app model that brings the best of web development to Office and SharePoint. This session shows you how to get started and quickly create apps on this new model with the browser based tooling codenamed "Napa", and how you can turn those apps into more advanced, rich scenarios with Visual Studio 2013.	Steve Lasker	332A
5/12/2014	4:45PM-6:00PM	Breakout	OFC-B236	Microsoft Office 365 and the Evolving Workforce	Monumental shifts are hitting the workplace, necessitating changes in how and with whom we communicate and collaborate. For the first time in history, four different generations are working side-by-side in the workplace. Each generation of end users has distinct attitudes, behaviors, expectations, habits, and motivations. Add to that the increasing need for agile communication between every corner of your organization, from the retail store, across the shop floor, to the corporate office and beyond. Office 365 enables IT to unify end users across generations and departments under one technology. The communication and collaboration capabilities in Office 365 help IT meet the varied needs of these end users. In this session, come learn how IT can make the most of these capabilities in Office 365 to support the needs of every end user to help them be more productive at work.	Sanjeevini Mittal	340
5/12/2014	4:45PM-6:00PM	Breakout	OFC-B262	Microsoft's 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, Microsoft's vision, and our latest product roadmap.	Carlos Bohorquez Marin	342D
5/12/2014	4:45PM-6:00PM	Breakout	OFC-B312	Building a Hybrid Microsoft Exchange Server 2013 Deployment in Less than 75 Minutes	The cloud, on your own terms! Whether you're looking for a flexible way of migrating email to the cloud, or possibly just thinking about running both Microsoft Office 365 and Exchange Server 2013 side-by-side, hybrid is your answer! However, the road to get there can sometimes seem daunting. This session teaches you everything there is to know to successfully deploy Exchange 2013 in a hybrid configuration. During the session, we dig deeper into what the Hybrid Configuration Wizard actually does and set up a hybrid configuration. We cover the various aspects of the hybrid configuration wizard, including how to prepare your environment and avoid common mistakes and pitfalls during and after setup.	Michael Van Horenbeeck	362A
5/12/2014	4:45PM-6:00PM	Breakout	OFC-B337	Deploying and Managing 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 in for UC environments big and small.	Tim Rang; Zahid Saeed	350D
5/12/2014	4:45PM-6:00PM	Breakout	PCIT-B211	TWC: Surviving in the New IT Reality	Over the last years, many customers have had to deal with cyber attacks targeted at intellectual property. We have entered a new phase in which criminals unleash destructive attacks, rendering IT environments unusable and effectively halting business. Consumerization of IT and the cloud add inherent tension and security implications to this new reality. How can one deal with data that moves in and out of your datacenters, to unmanaged devices and cloud services not directly under your control? How can you create a cost efficient architecture and plan for prevention, detection, and recovery in a time where cloud and consumerization of IT are high on every CxO's agenda? The presenters of this session have been on the Targeted Attack frontline with enterprise customers over the last years. They explain the threats of targeted attacks and share an architecture model using a data classification model, as well as their field experiences and services you can leverage to deal with prevention, detection and recovery.	Janwillem Kok; Ruud van Velsen	351A
5/12/2014	4:45PM-6:00PM	Breakout	PCIT-B313	Hybrid Identity: Extending Active Directory to the Cloud	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, Active Directory Federation Services (AD FS) in Windows Server 2012 R2 improvements and Microsoft Azure Active Directory.	Adam Hall; Adam Hall	Grand Ballrm C
5/12/2014	4:45PM-6:00PM	Breakout	PCIT-B410	Microsoft System Center 2012 Configuration Manager: MVP Experts Panel	In this session, Configuration Manager MVPs demonstrate how to take Configuration Manager 2012 R2 to the next level. Attend this session to see how Configuration Manager MVPs are using the product and providing solutions you won't find in a book or in the documentation. This session covers: ConfigMgr and PowerShell for the win!; Management Point Selection Details-all the guts, and all the glory; Deep Debugging of ConfigMgr OS Deployment in under 10; Collection Deep Dive - Best Practices for Designing and Performance, as well as deep troubleshooting; and SQL Server and ConfigMgr 2012 R2—Best practices for backup and maintenance, and building audit reports of SQL using PowerShell.	Greg Ramsey; Jason Sandys; Johan Arwidmark; Kent Agerlund; Steve Thompson	Grand Ballrm B
5/12/2014	4:45PM-6:00PM	Breakout	WIN-B221	Windows Phone Enterprise Overview	Windows Phone is an even better choice for business. We cover all enterprise aspects for Windows Phone 8.1 management, productivity, security, applications, and more.	Alan Meeus	382A
5/12/2014	4:45PM-6:00PM	Breakout	WIN-B315	The State of Windows 8.1 Security: Malware Resistance	Windows 8.1 offers an enormous leap forward when it comes to security, and when it comes to malware resistance that couldn't be more true. It was one of the biggest investment areas in Windows 8 and with Windows 8.1 we've added yet another layer of capability. In this session we drill into the details of the malware threats that you're facing and then show you how you can help your organization and users enjoy a malware free experience on Windows.	Chris Hallum	371A

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5/12/2014	4:45PM-6:00PM	Exam Prep	EXM03	Exam Prep: 70-412 and 70-417 - MCSA: Windows Server 2012	This Exam Prep session is designed for people experienced with Windows Server 2012 who are interested in taking the 70-412 (Configuring Advanced Windows Server 2012 Services) exam or the 70-417 (Upgrading Your Skills to MCSA Windows Server 2012) exam. These exams are required for the new MCSA: Windows Server 2012 certification. Attendees of this session can expect to review the topics covered in these exams in a fast-paced format, as well as receive some valuable test taking techniques. Attendees will leave with an understanding of how Microsoft certification works, the key topics covered in the exams, and an exhaustive look at resources for finalizing getting ready for the exam. The session is led by a Microsoft Certified Trainer (MCT), experienced in delivering sessions on these topics.	Peter De Tender	Hilton L2 Ballrm F
5/12/2014	4:45PM-6:00PM	Instructor-led Lab	DCIM-IL210	Introduction to Microsoft Azure Virtual Machines (repeats on May 14 at 10:15am)	Using Microsoft Azure as your Infrastructure as a Service (IaaS) platform, will enable you to create and manage your infrastructure quickly, provisioning and accessing any host ubiquitously. Grow your business through the cloud-based infrastructure, reducing the costs of licensing, provisioning and backup. In this instructor-led lab, learn how to deploy a simple ASP.NET MVC 4 Web application to a Web server hosted in Azure, using SQL Server and configuring load balancing.	Tony Meleg	Hall E ILL Room 1
5/12/2014	4:45PM-6:00PM	Instructor-led Lab	DCIM-IL303	Exploring Virtualization with Windows Server 2012 R2 Hyper-V (repeats on May 13 at 10:15am and May 14 at 1:30pm)	This lab provides a guided overview of new capabilities in Windows Server 2012 R2 Hyper-V, including Hyper-V Replica.	Andrew Zeller	Hall E ILL Room 3
5/12/2014	4:45PM-6:00PM	Instructor-led Lab	PCIT-IL303	Troubleshooting Active Directory Replication Errors (repeats on May 14 at 10:15am)	This lab walks through the troubleshooting, analysis, and implementation phases of commonly encountered Active Directory Replication errors. Use ADREPLSTATUS, repadmin.exe, and Windows PowerShell to troubleshoot a four DC, two-domain environment.	Justin Turner	Hall E ILL Room 2
5/12/2014	4:45PM-6:00PM	Instructor-led Lab	WIN-IL200	Creating a Windows 8.1 Reference Image (repeats on May 14 at 8:30am)	In this lab, run through the process of creating a Windows 8.1 reference image using the Microsoft Deployment Toolkit. The lab provides practical guidance and tips to help you create an image you can use in your environment.	Alexey Semibratov; Ben Hunter	Hall E ILL Room 4
5/13/2014	8:30AM-9:45AM	Breakout	DBI-B320	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-premise, 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!	Crystal Ju; Lukasz Pawlowski	330
5/13/2014	8:30AM-9:45AM	Breakout	DBI-B387	Under the Covers of Hadoop on Windows	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, learn details of Hadoop on Windows while exploring each of the components and their functions within an Enterprise Hadoop distribution. Learn about some common use cases, applications, and data types that are being enabled with this new capability.	Rohit Bakhshi	Grand Ballrm A
5/13/2014	8:30AM-9:45AM	Breakout	DCIM-B212	The Enterprise: Be Your Own Cloud Provider	Many enterprises face the challenge of delivering services and compute resources to a wide range of internal teams and departments in a timely and elastic way. Users expect fast response times and self-service delivery; in other words, the enterprise needs to think like a service provider. Learn how to use the core capabilities of Windows Server together with the management and automation of Microsoft System Center and Windows Azure Pack to rapidly deploy self-service resources and services to your user base.	Philip Moss	370A
5/13/2014	8:30AM-9:45AM	Breakout	DCIM-B221	Microsoft Azure Security and Compliance Overview	This primer on Microsoft Azure offers insights into its industry-leading approach to security and compliance in the cloud. Learn more about Azure security capabilities; what we do to safeguard Azure and what capabilities we provide for you to use Azure in accordance with your own security and compliance standards.	Lori Woehler	310A
5/13/2014	8:30AM-9:45AM	Breakout	DCIM-B315	Cloud Optimized Networking in Windows Server 2012 R2	Understand how Windows Server 2012 R2 manages cloud virtual networks (SDN).	Bob Combs; Ravi Rao	361A
5/13/2014	8:30AM-9:45AM	Breakout	DCIM-B327	Cluster-in-a-Box Using Windows Server 2012 R2: Solutions and Applications	See how Microsoft and our hardware partners are providing you the ability to have high-availability solutions that you can afford to purchase and deploy. With the release of Windows Server 2012 R2, Microsoft's hardware partners shipped a wide array of Cluster-in-a-Box systems. These systems combine server blades, shared storage, internal cabling, and redundant power supplies into a single chassis targeted at the volume server market. In this session, learn about the architecture and design of high availability storage and server systems, updates on the latest products available from Microsoft partners, and case studies of how real customers are using these new systems to solve their business needs. We show you detailed system configurations and in-depth workload and performance analysis. Come get all the information you need to make your business highly available with Windows Server 2012 R2.	John Loveall	362A
5/13/2014	8:30AM-9:45AM	Breakout	DCIM-B328	TWC: CSI: Windows - Techniques for Finding the Cause of the 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 be also 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 you will 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	General Assembly C
5/13/2014	8:30AM-9:45AM	Breakout	DCIM-B379	Using VMware? The Advantages of Microsoft Cloud Fundamentals with Virtualization	Strap in. This is a no-holds-barred competitive discussion of the Microsoft Cloud vs. VMware. Hot on the heels of the release of Windows Server 2012 and Microsoft System Center 2012; we have the 2012 R2 releases of both of these products. We discuss the virtualization capabilities in Windows Server 2012 R2, System Center 2012 R2 and Microsoft Azure and how they stack up against VMware.	Jeff Woolsey; Matt McSpirit	Hilton L2 Ballrm A
5/13/2014	8:30AM-9:45AM	Breakout	DCIM-B411	Datacenter Integration Using Service Management Automation in Microsoft System Center 2012 R2 Orchestrator	As we move into the Cloud OS space with the new Windows 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.	Chris Sanders; Joe Levy	General Assembly B
5/13/2014	8:30AM-9:45AM	Breakout	DCIM-B412	Effortless Migration from VMware to Windows Server 2012 R2 Hyper-V	So you've deployed Hyper-V 2012 R2 and want to move your virtual machines over, but how do you do that without interrupting service delivery? Do you know what steps to take? And how do you safely roll back if problems occur? Don't worry, we have you covered! Join us for this hands-on session on zero-touch migration from VMware to Windows Server 2012 R2 Hyper-V. A session no VMware admin should miss!	Maarten Goet; Marc van Eijk	Grand Ballrm C
5/13/2014	8:30AM-9:45AM	Breakout	DEV-B216	Implementing a Release Pipeline with Release Management for Visual Studio 2013	Release management is one of the key processes in a DevOps strategy. This session presents an overview of the key concepts of continuous delivery and then focuses on capabilities of Release Management for Visual Studio 2013 and how to leverage them to implement a modern release pipeline. We cover how to implement a simple to complex approval workflow, how to automate common deployments scenarios across multiple stages, and how to diagnose and audit releases. Extensibility and the business approver experience are also discussed briefly.	Arun Chandrasekhar; Claude Remillard	351A

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5/13/2014	8:30AM-9:45AM	Breakout	DEV-B227	Anyone Can Build a SharePoint Application with Microsoft Access	Access is the normal user's app creation tool. This session is an end-to-end tutorial for power users to learn to build SharePoint apps without writing any code, and make it available as an app for SharePoint with low to no involvement (or impact) from IT.	Andrew Johnson; Jeff Conrad	332A
5/13/2014	8:30AM-9:45AM	Breakout	DEV-B231	Office Power Hour: New Developer APIs and Features for Applications for Office	This session takes a deep dive into the new features and APIs in the Cloud App Model for Apps for Office.	Rolando Jimenez Salgado	381A
5/13/2014	8:30AM-9:45AM	Breakout	DEV-B320	Successful Open Source Strategies for Enterprise	There are a wealth of open source components and libraries available to .NET Developers that allow you to stand on the shoulders of giants when building your applications. Contributing to open source projects in your spare time can help you develop skills that benefit your career. You can also benefit from the skills and knowledge of others by making your code available to the community. In this session we show you how to evaluate a new open source component for your application, navigate the maze of open source licenses, and learn how to contribute code back to the open source community that will get accepted. We also look at how to release code as open source and share tips on attracting high quality contributions everyone can benefit from.	Martin Woodward	320A
5/13/2014	8:30AM-9:45AM	Breakout	DEV-B333	Sharing Code and UI with Universal Projects and Windows Library for JavaScript (WinJS)	An exciting part of Windows Phone 8.1 is that you can now start building applications natively in HTML and JavaScript. Come watch us walk through building an application for both Windows and Windows Phone using HTML, JavaScript and the WinJS library. Along the way, learn about how Visual Studio Universal projects help you easily share code between your applications and also help you build differentiated experiences.	Kirupa Chinnathambi	Hilton L2 Ballrm C
5/13/2014	8:30AM-9:45AM	Breakout	DEV-B384	Java on Microsoft Azure	In this session we look at some of the options for running Java on Azure, Microsoft's cloud platform. We look at the Azure plugin for Eclipse and how it enables creation, development, testing, and deployment of applications as well as some of the more advanced configuration options. We also review how you can run official Oracle virtual machines including WebLogic and Oracle Database. You'll leave understanding all of your options for running Java inside of the Microsoft cloud.	Chris Risner	340
5/13/2014	8:30AM-9:45AM	Breakout	DEV-B385	INTRODUCING: The Future of .NET on the Server	Join the Lesser Scotts, Hunter and Hanselman, as they introduce 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.	Scott Hanselman; Scott Hunter	Grand Ballrm B
5/13/2014	8:30AM-9:45AM	Breakout	OFC-B224	Microsoft SharePoint Online Management and Control	In this session, learn how to manage your SharePoint Online (SPO) environment in the browser (the SharePoint Online Admin Center) and by using the SharePoint Online Management Shell (a.k.a., Microsoft PowerShell for SPO). We cover numerous scenarios and demos for both seasoned SharePoint admins and new SPO admins.	Chris Bortlik	352D
5/13/2014	8:30AM-9:45AM	Breakout	OFC-B227	Microsoft Office 365 Cloud Principles and Expectations	In this session, experts from the Office 365 team cover the principles that Microsoft follows in design, development, and operation of Office 365. This includes helping you better understand the continuous innovation made possible by the faster paced release cadence, as well as other expectations you should be aware of as you make the move from running servers on-premises to a highly scalable multi-tenant cloud service.	Ian Hameroff	342D
5/13/2014	8:30AM-9:45AM	Breakout	OFC-B313	Microsoft Exchange Server 2013 Public Folder Migration	Learn how to migrate Public Folders from Exchange Server 2007 and 2010 to Modern Public Folders in Exchange Server 2013. See a live demo walk-through of all PowerShell cmdlets to perform a migration. Learn about administration of Modern Public Folders. Steps to migrate to Microsoft Office 365 is discussed, but not included in the demo due to time constraints.	Allen Mock	371A
5/13/2014	8:30AM-9:45AM	Breakout	OFC-B338	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.	Bryan Nyce	350D
5/13/2014	8:30AM-9:45AM	Breakout	PCIT-B216	Infrastructure Deployment for Mobile Device Management with Microsoft System Center Configuration Manager and Windows Intune	This session dives into what you'll do at the server level to drive Configuration Manager and Windows 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.	Jim Dempsey	Hilton L2 Ballrm D
5/13/2014	8:30AM-9:45AM	Breakout	PCIT-B314	Understanding Microsoft's BYOD Strategy and an Introduction to New Capabilities in Windows Server 2012 R2	Today, people want to work anywhere on any device. How do you enable this, yet retain control and meet compliance requirements? In this session we take a look at how Microsoft is approaching this problem, and cover each of the new capabilities in Windows Server 2012 R2 that enable our customers to have their cake and eat it too!	Adam Hall; Adam Hall	General Assembly A
5/13/2014	8:30AM-9:45AM	Breakout	WIN-B320	Internet Explorer App Compat	Enterprise Mode for 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	360A
5/13/2014	8:30AM-9:45AM	Breakout	WIN-B364	Mobile Device Management Overview for the Next Version of Windows Phone	In this session we give you all the details of the new enterprise phone management features in the next version of Windows Phone. We cover Enterprise/Wifi, Certificate management, all new MDM capabilities, VPN, etc. You should walk away from this session with the big picture of how we're enabling and are able to win more Windows Phone enterprise deployments.	Alan Meeus	382A
5/13/2014	8:30AM-9:45AM	Exam Prep	EXM04	Exam Prep: 70-331 and 70-332 - MCSE: SharePoint (Microsoft SharePoint Server 2013)	This Exam Prep session is designed for people experienced with SharePoint Server 2013 and who are interested in taking the 70-331 (Core Solutions of Microsoft SharePoint Server 2013) and 70-332 (Advanced Solutions of Microsoft SharePoint Server 2013) exams. These exams are required for the new MCSE: SharePoint certification. Attendees of this session can expect to review the topics covered in these exams in a fast-paced format, as well as receive some valuable test taking techniques. Attendees will leave with an understanding of how Microsoft certification works, the key topics covered in the exams, and an exhaustive look at resources for getting ready for the exam. The session is led by a Microsoft Certified Trainer (MCT), experienced in delivering sessions on these topics.	Neal McFee	Hilton L2 Ballrm F
5/13/2014	8:30AM-9:45AM	Instructor-led Lab	DCIM-IL306	Speed Lab! Microsoft System Center 2012 R2 Overview (repeats on May 15 at 8:30am)	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. Attend this session and learn how to easily deploy your own System Center demo lab with just a few click using the PowerShell Deployment Toolkit (PDT). Next, spend a few minutes using every System Center 2012 R2 component, including Virtual Machine Manager, Operations Manager, Configuration Manager, Service Manager, App Controller, Data Protection Manager, and Endpoint Protection. Finally, connect several systems together to create your own Orchestrator Runbook.	Symon Perriman	Hall E ILL Room 4
5/13/2014	8:30AM-9:45AM	Instructor-led Lab	WIN-IL201-R	Deploying Windows 8.1 with Microsoft Deployment Toolkit 2013 (repeated from May 12 at 3:00pm)	In this lab, explore how to use Microsoft Deployment Toolkit (MDT) 2013 together with Microsoft System Center 2012 R2 Configuration Manager to deploy Windows 8.1.	Alexey Semibratov; Ben Hunter	Hall E ILL Room 1

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5/13/2014	8:30AM-9:45AM	Instructor-led Lab	WIN-IL301-R	Resolving Windows Performance Issues without Opening a Support Case (repeated from May 12 at 1:15pm)	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!	Joao Botto; Yasin Sögütü	Hall E ILL Room 3
5/13/2014	8:30AM-9:45AM	Instructor-led Lab	WIN-IL303	Learn to Use Microsoft Azure Active Directory in Application Scenarios	In the lab, learn the basics of getting started with Azure Active Directory, multi-factor authentication, and how to use the directory from applications, for both authentication as well as leveraging the directory of users/groups from within your applications.	Tony Meleg	Hall E ILL Room 2
5/13/2014	10:15AM-11:30AM	Breakout	DBI-B214	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.	Denny Cherry	General Assembly B
5/13/2014	10:15AM-11:30AM	Breakout	DBI-B318	Amazing Data Storytelling with Microsoft Power BI Q&A (Formerly InfoNavigator)	This session will give you the basic information that 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.	Carl Perry	361A
5/13/2014	10:15AM-11:30AM	Breakout	DCIM-B250	StorSimple Solutions in Production Environments	Q&A is the new natural language data exploration technology in Power BI. With Q&A you can tell engaging and jaw-dropping stories with data, enable users across an organization to explore and gain insights from their data, and unleash IT from the tedium of ad-hoc report building. In this session, learn about the technology behind Q&A, our roadmap to get this in the hands of customers, and how you can start showcasing Q&A today.	Amit Kumar; Doug de Werd	Hilton L2 Ballrm A
5/13/2014	10:15AM-11:30AM	Breakout	DCIM-B293	HP Converged Management for Microsoft System Center	StorSimple has introduced a cloud-integrated solution for primary storage, backup, archive, and disaster recovery, combined with Microsoft Azure. Hear directly from customers about how they on boarded the StorSimple solution to reduce datacenter infrastructure complexity, maximize data protection, reduce overall storage total cost of ownership and provision storage more rapidly to reclaim IT time cycles.	Amit Kumar; Doug de Werd	340
5/13/2014	10:15AM-11:30AM	Breakout	DCIM-B296	Maximize the Benefits of Microsoft Cloud: Security, Automation, Self-Service and Provisioning	HP Converged Infrastructure is tightly integrated with Microsoft System Center 2012 R2 to provide comprehensive and simplified management of virtualized Microsoft environments. This session highlights the HP server, storage, and networking integrations for System Center, including HP StoreFront Manager for Microsoft, as well as innovative new features for recently released new HP management tools. See how HP enables the System Center consoles for health monitoring and alerting, as well as enhanced System Center Virtual Machine Manager (VMM) provisioning capabilities for servers, storage, and HP Virtual Connect.	Glenn Sizemore	381A
5/13/2014	10:15AM-11:30AM	Breakout	DCIM-B309	Bare Metal OS Deployment in Microsoft System Center 2012 R2 Virtual Machine Manager: This Is How It Is Done!	Learn how you can make the most of your Microsoft Cloud environment from NetApp, Microsoft's Server Platform and Private Cloud Partner of the Year. Deep dive into NetApp's native integration with Windows Server 2012 R2, Windows PowerShell, and Microsoft System Center to provide monitoring, management, self-service, and automation. Learn how you can securely move data and extend virtualization and on premise cloud with the public cloud to gain greater scale and elasticity in the services you provide to customers.	Mikael Nyström	351A
5/13/2014	10:15AM-11:30AM	Breakout	DCIM-B330	Best Practices for Integrating On-Premises Datacenters with Microsoft Azure IaaS	System Center Virtual Machine Manager 2012 R2 has bare metal OSD deployment built-in. This session is all about that. Learn how to do discover, how to deal with drivers, networking, and how to troubleshoot the process. Most of all, learn how NOT to troubleshoot, as you learn how to do it correctly. Also, see how to deal with hardware configuration, firmware, and such; expect lots of demos and PowerShell.	Rand Morimoto	Grand Ballrm C
5/13/2014	10:15AM-11:30AM	Breakout	DCIM-B332	Bringing ITSM Capabilities from Microsoft System Center Service Manager to Windows Azure Pack	As organizations want to integrate Azure IaaS with existing on-premise datacenter resources, the key is to ensure best practices at stretching the corporate network to Azure are achieved.	Anders Ravnholt; Patrik Sundqvist	371A
5/13/2014	10:15AM-11:30AM	Breakout	DCIM-B382	Cloud Identity and Access Management: Microsoft Azure Active Directory Premium	Learn how integration between System Center 2012 R2 and Azure Pack delivers efficient IT Service Management. Leverage the native capabilities of System Center Service Manager to bring governance, support and the Service Catalog into Azure Pack. Allow service providers (Hosters or Enterprises) to easily create and monetize new services, Users to consume these by allowing them to request new services as well as raising requests and incidents for existing services from within Azure Pack.	Nasos Kladakis	332A
5/13/2014	10:15AM-11:30AM	Breakout	DCIM-B385	Security and Microsoft Azure IaaS	Azure Active Directory is an enterprise-level identity and access management cloud solution. Azure Active Directory Premium, built on top of the core offering of Azure AD, provides a robust set of capabilities to empower enterprises with more demanding needs on identity and access management. In this session we present all of the new features of this premium offering: Single Sign-on to hundreds of popular SaaS application, Group-based access management, Self-Service Password reset, Security reporting, Multi-factor authentication, and more.	Bryon Surace	310A
5/13/2014	10:15AM-11:30AM	Breakout	DCIM-B394	Virtualizing the Last Mile: Leveraging the Benefits of Virtualizing Infrastructure Workloads	Security in the Cloud is a key consideration by an organization seriously thinking of adopting public cloud computing. In fact, many organizations are looking to using anti-virus, encryption and other technologies in the public cloud. Join us and discover existing and new ways in which you can protect your apps running in Microsoft Azure Virtual Machines.	Chris Henley	360A
5/13/2014	10:15AM-11:30AM	Breakout	DEV-B322	Continuous Delivery with Visual Studio Online and Microsoft Azure	The world of virtualization has expanded to include not only operating systems but the application workloads they support. Today, you can run infrastructure workloads like Microsoft Exchange, SQL, SharePoint, and Active Directory and be completely secure in the knowledge that recovery of everything from individual items to entire VMs is within your reach at a moment's notice. But did you know there are incredible protection and management options that ONLY come if you virtualized these workloads? Add the amazing "See Everything" monitoring and management functionality of Microsoft System Center and Veeam Management Pack to gain deep insights and control of your virtual environment from application-to-metal. It's finally time to take your virtual environment down the last mile with Veeam.	Chris Patterson	370A
5/13/2014	10:15AM-11:30AM	Breakout	DEV-B323	Building Multi-Platform Hybrid Device Apps with HTML and JavaScript	Visual Studio Online provides a compelling solution for building your code in the cloud and automatically deploying your solution to Azure. In this session we dive deep into how this works for three common types of applications: .NET, Node.js, and PHP.	Amanda Silver	320A
5/13/2014	10:15AM-11:30AM	Breakout	DEV-B411	DEEP DIVE: The Future of .NET on the Server	Coming soon!	David Fowler; Scott Hanselman	Grand Ballrm B
5/13/2014	10:15AM-11:30AM	Breakout	OFC-B229	The Right Project Management Solution: From Microsoft SharePoint Online to Project Online	When it comes to project management, every individual, team, and organization has unique needs. Microsoft's vision for project management is to enable individuals and teams to choose the tool that is the best fit for their specific project while still delivering the visibility that their organization needs to ensure focus on the right priorities. This session helps you understand how all the solutions across Microsoft Office 365, SharePoint, and Project fit together so you can chart a realistic approach to project management for your organization that will deliver immediate value with an eye to the future.	Brian Smith	342D

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5/13/2014	10:15AM-11:30AM	Breakout	OFC-B233	TWC: Data Privacy and Protection in the Cloud	With the rapid adoption of public cloud services, much attention has been paid to cloud security practices. In this session, learn about the less frequently discussed practices that cloud services providers are expected to implement in order to maintain the privacy of their tenants' data. Transparency around cloud privacy practices has become increasingly critical to earning the trust that is necessary for cloud services to satisfy customer needs. Learn how Microsoft delivers cloud services that are built to protect customer data and the data generated through the use of our services including Microsoft Office 365, Microsoft Azure, and others. We discuss Microsoft's leading cloud operational privacy practices and controls, our Privacy by Design development approach that minimizes risks, differentiating regulatory commitments (e.g., EU Model Clauses and HIPAA BAA) and tools for communicating privacy considerations to customers. The session includes a demonstration from the Azure team highlighting features in the Microsoft Azure service that empower customers to protect the privacy of their data. A second demonstration from an Office 365 customer is included to articulate a real-world implementation case that will help audience members better understand the privacy features that should be carefully considered when choosing a public cloud solution.	A.J. Schwab; Jules Cohen; Sarah Fender	372A
5/13/2014	10:15AM-11:30AM	Breakout	OFC-B242	Getting Started with Microsoft Office 365 Deployment	This session details Microsoft's recommended deployment methodology for Office 365. Deploying a cloud service is unlike a traditional client-server deployment project and requires new skills and methodologies. With Office 365, IT departments can quickly get up and running with a pilot and move to production with the right set of capabilities. Learn about the deployment process, tools, and actions used to simplify the start of your Office 365 experience.	Jeff Medford	Hilton L2 Ballrm D
5/13/2014	10:15AM-11:30AM	Breakout	OFC-B315	Microsoft Exchange Server 2013 Managed Availability	This session covers managed availability, the internal monitoring and recovery-oriented features that help prevent failures, proactively restore services, initiate server failovers automatically, or alert administrators to take action. Learn about monitoring and managing the end user experience rather than just server and component uptime to help keep the service continuously available.	Scott Schnoll	Grand Ballrm A
5/13/2014	10:15AM-11:30AM	Breakout	OFC-B339	Enterprise Voice Best Practices	Setting up Enterprise Voice is a big project even for seasoned Lync experts. The interplay between dial plans, voice policies, routes, PSTN usages and trunk translation rules can make it complicated to figure out how to start. Come and join the creator of the Lync Dialing Rule Optimizer, and learn the WHYS behind the HOWs of configuring Lync Enterprise Voice—including E.164 numbering, extension dialing and least-cost routing—to provide the most flexibility and easiest migration path from legacy PBXs. And of course, this session wouldn't be complete without a demonstration of the Lync Dialing Rule Optimizer and how it puts all these best practices into play.	Ken Lasko	352D
5/13/2014	10:15AM-11:30AM	Breakout	OFC-B415	Microsoft Lync Server 2013 High Availability and Disaster Recovery	Real-time communications are mission critical, so the decision of which high-availability architecture to use is vital for the optimum health of your Lync Server deployment. During this 400-level session, learn about the various High Availability and Disaster Recovery technologies in Lync, (including fabric, pool pairing, SQL mirroring, to name a few) and how the user experience is impacted.	Bryan Nyce	350D
5/13/2014	10:15AM-11:30AM	Breakout	PCIT-B212	Design Considerations for BYOD	Attend this 400-level session to understand how each of the high availability and disaster recovery approaches work. With the proliferation of devices used today, most enterprises are facing one of the biggest dilemmas in technology, which is to enable users to use their own devices, on their own terms, while forcing them to do so in a secure and controlled manner. Enterprises are moving away from the traditional device-centric model, where they control all devices that users are allowed to perform their tasks, to a Bring Your Own Device (BYOD) model. In this presentation we cover the main planning and design considerations for a BYOD world when using Windows Server 2012 R2 as the platform driver to enable secure BYOD computing.	Tom Shinder; Yuri Diogenes	362A
5/13/2014	10:15AM-11:30AM	Breakout	PCIT-B343	From the Fire Hose Series: An Insider's Guide to Desktop Virtualization	Ready to drink from a fire hose? Benny Tritsch and Ruben Spruijt, two thought-leaders and fellow MVPs, share their insights, best practices and unfiltered thoughts about Desktop Virtualization, VDI, vendors, solutions. Topics in this high energized session are: VDWhy, VDCry, VDI Smackdown, build and design a Microsoft VDI solution, 3D graphics and also 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 filled with awesome information for everyone interested in Desktop Virtualization. This session is packed with great content and some nice giveaways. A session you don't want to miss.	Bernhard Tritsch; Ruben Spruijt	330
5/13/2014	10:15AM-11:30AM	Breakout	PCIT-B411	Troubleshooting Active Directory Federation Services (AD FS) and the Web Application Proxy	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 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.	John Craddock	General Assembly C
5/13/2014	10:15AM-11:30AM	Breakout	WIN-B323	Deploying Windows 8.1 in the Enterprise	Deploying a new Operating System in your enterprise is always an exciting endeavor. Join this session to see how we deployed Windows 8.1 using Microsoft System Center 2012 R2 Configuration Manager.	Greg Ramsey	General Assembly A
5/13/2014	10:15AM-11:30AM	Breakout	WIN-B324	Internet Explorer 11 Developer Tools, F12, Just Got Nicer (Again)	Last year you saw how the F12 debugging tools in Windows Internet Explorer were rebooted to better serve the needs of today's web developers. The story gets even better this year. Skip over exceptions thrown by third-party libraries to only debug your own code. Using TypeScript? No problem. The F12 tools now allow you to debug your TypeScript natively without dropping into JavaScript. Join us for this and more.	Kirupa Chinnathambi	Hilton L2 Ballrm C
5/13/2014	10:15AM-11:30AM	Breakout	WIN-B326	Windows 8.1 and Windows Phone 8 Store Apps Networking Survival Kit	Take a lightning tour of the many connectivity options for Windows 8.1 and Windows Phone 8.1 Store Apps. There are more than ever before: HTTP networking APIs, NFC and Bluetooth including 'tap to connect' and WebApi REST services are just the tip of the iceberg. See how to build apps that work with DataSense 2.0. Store settings and data in Microsoft OneDrive. Share state between a Windows Phone 8.1 app and the Windows 8.1 version of your app. See some practical demos, such as how to implement compression with HTTP networking and how you can handle credentials when accessing services that require user authentication.	Andy Wigley	382A
5/13/2014	10:15AM-11:30AM	Exam Prep	EXM05	Exam Prep: 70-336 and 70-337 - MCSE: Communications (Microsoft Lync Server 2013)	We'll also take a quick look at building a mobile back end with Microsoft Azure Mobile Services and connecting with it from your app. This Exam Prep session is designed for people experienced with Lync Server 2013 and who are interested in taking the 70-336 (Core Solutions of Microsoft Lync Server 2013) and 70-337 (Enterprise Voice and Online Services with Microsoft Lync Server 2013) exams. These exams are required for the new MCSE: Communication certification. Attendees of this session can expect to review the topics covered in these exams in a fast-paced format, as well as receive some valuable test taking techniques. Attendees will leave with an understanding of how Microsoft certification works, the key topics covered in the exams, and an exhaustive look at resources for getting ready for the exam. The session is led by a Microsoft Certified Trainer (MCT), experienced in delivering sessions on these topics.	Bob Reinsch	Hilton L2 Ballrm F
5/13/2014	10:15AM-11:30AM	Instructor-led Lab	DCIM-IL300	Configuring Networking with Microsoft System Center 2012 R2 Virtual Machine Manager (repeats on May 14 at 1:30pm)	This lab provides a guided overview of configuring a multi-tenant network environment through System Center 2012 R2.	Matt McSpirit	Hall E ILL Room 4
5/13/2014	10:15AM-11:30AM	Instructor-led Lab	DCIM-IL303-R	Exploring Virtualization with Windows Server 2012 R2 Hyper-V (repeated from May 12 at 4:45pm)	This lab provides a guided overview of new capabilities in Windows Server 2012 R2 Hyper-V, including Hyper-V Replica.	Andrew Zeller	Hall E ILL Room 1

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Date	Time	Session Type	Code	Title	Abstract	Speaker	Room
5/13/2014	10:15AM-11:30AM	Instructor-led Lab	DCIM-IL304	Introducing Windows Azure Pack (repeats on May 14 at 1:30pm)	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, delve into 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.	Michael Leworthy	Hall E ILL Room 2
5/13/2014	10:15AM-11:30AM	Instructor-led Lab	PCIT-IL306	Implementing Endpoint Protection in Microsoft System Center 2012 R2 Configuration Manager (repeats on May 15 at 8:30am)	Maintaining a secure environment is top on the list of concerns for IT administrators. Configuration Manager 2012 R2 has great capabilities for maintaining security for Microsoft updates, but what about malware and virus? System Center 2012 Endpoint Protection is the solution. It integrates great with Configuration Manager 2012, and provides the security you need for your environment. In this lab, integrate Endpoint Protection in Configuration Manager 2012 R2, and configure the management of Endpoint Protection policies. Run reports for compliance, as well as implement malware, and see the remediation, monitoring and reporting of infections in the Configuration Manager Console.	Wally Mead	Hall E ILL Room 3
5/13/2014	1:30PM-2:45PM	Breakout	DCIM-B210	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 planning to build or are deploying a private, public, or hybrid cloud. This session shares what was learned, including the common requirements, roles and processes required to have a successful, comprehensive hybrid cloud strategy. We discuss the problems and roadblocks that 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, Microsoft System Center 2012 R2, and Microsoft Azure to build a private and/or hybrid cloud.	Eduardo Kassner	382A
5/13/2014	1:30PM-2:45PM	Breakout	DCIM-B222	Transform Your IT Skills in a DevOps World	Tired of getting paged at 2:00am due to a bug in the developer's code or infrastructure problems? Frustrated by Shadow IT and developers going around your back to publish applications? IT operations can play an important part working at every stage of the application lifecycle (ALM) and become an agent of DevOps transformation in your company, leading to accelerated delivery, optimized usage of resources, improved availability, and increased application quality. Learn to better understand your developer's world and - on a technical level - see how to deploy applications and infrastructure as code to Microsoft Azure using PowerShell and resource group templates. Set up continuous deployments to Microsoft Azure with Visual Studio Online, and detect and fix problems earlier by monitoring your applications and infrastructure using Application Insights and System Center Operations Manager (SCOM). This session will be helpful if you are planning on starting a DevOps initiative inside your organization or looking for some guidance on where and how to get going.	David Tesar	330
5/13/2014	1:30PM-2:45PM	Breakout	DCIM-B292	Cisco's Technology Trifecta for Cloud OS	The Cisco Microsoft alliance over the past three years has provided a stream of technology innovation ranging from the introduction of our UCS compute family, our Hyper-V Extensible Switch offer Nexus 1000V, to some of the best Microsoft System Center integration and Windows PowerShell work seen to date. In late 2013 and early 2014 Cisco continued to release new technologies that support the Microsoft Cloud OS: our Application Centric Infrastructure (ACI) architecture, Invicta sold state flash capabilities for UCS, and Cisco Intercloud, a hybrid cloud management solution. ACI, Invicta, and Intercloud offer up a 'technology trifecta' that provide support for Cloud OS - Windows Server and Microsoft Azure - and System Center. These technologies will enable quicker more efficient cloud deployments, workload deployments based on SQL, Microsoft Exchange, and SharePoint as well as improved integrated manageability. This session introduces these three Cisco technologies and showcases their discrete integrations into Windows Server, System Center, and Azure.	Rex Backman	320A
5/13/2014	1:30PM-2:45PM	Breakout	DCIM-B334	In-Depth Introduction to Service Management Automation	You may have noticed that Microsoft System Center 2012 R2 Orchestrator has a new partner in automation, Service Management Automation. But 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?	Neil Peterson	General Assembly C
5/13/2014	1:30PM-2:45PM	Breakout	DCIM-B335	Microsoft Storage Solutions in Production Environments	This session answers 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 takes a look at potential future opportunities for SMA. It then details 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 Managing Automation and the future of datacenter automation, but is a great primer on using PowerShell workflow.	Corey Hynes; Prabu Rambadran	361A
5/13/2014	1:30PM-2:45PM	Breakout	DCIM-B354	Failover Clustering; What's New in Windows Server 2012 R2	Understand how customers are designing and implementing new storage solutions based on Microsoft technologies. This is a technical review of a specific real-world customer deployment. This session involves walking through the customer's previous storage architecture, what worked, what didn't, and why they decided to move to a storage solution built on the Microsoft stack. Also, understand their new storage architecture, how they have optimized it for their workloads, and their learnings.	Elden Christensen; John Marlin	General Assembly B
5/13/2014	1:30PM-2:45PM	Breakout	DCIM-B359	TWC: Pass-the-Hash: How Attackers Spread and How to Stop Them	This session will give the complete roadmap of the wealth of new Failover Clustering features and features which enable high availability scenarios in Windows Server 2012 R2. If you are going to attend one session at TechReady on clustering / high availability ... this is it! This session will cover all the incremental feature improvements from Windows Server 2012 to Windows Server 2012 R2 for clustering and availability.	Mark Russinovich; Nathan Ide	Grand Ballrm C
5/13/2014	1:30PM-2:45PM	Breakout	DCIM-B395	Building a Web-Scale Private Cloud (without Losing Your Cool)	Pass-the-hash transforms the breach of one machine into total compromise of infrastructure. The publication of attacks and lack of tools to respond have forced enterprises to rely on onerous and ineffective techniques. In this session, we deconstruct the Pth threat, show how the attack is performed, and how it can be addressed using new features and functionality recently introduced in Windows.	Steven Poitras	340
					The adoption of virtualization and cloud has created a demand for IT infrastructure that is not only high performing, but also simple to manage, VM-centric and highly scalable. In this technical session, we discuss how to create the ideal infrastructure for Hyper-V and virtualized Windows applications, that is always available and literally invisible to the virtualization team. We also explore real-world deployments of private and hybrid cloud using web-scale IT infrastructure for Hyper-V and Microsoft Azure. The session ends with a discussion of operational best practices including use of PowerShell to automate complex tasks such as dev environment creations and automating disaster recovery failover.		

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Date	Time	Session Type	Code	Title	Abstract	Speaker	Room
5/13/2014	1:30PM-2:45PM	Breakout	DCIM-B397	Maximizing Storage Efficiency with Dell and Microsoft Storage Spaces	In this session, learn how you can size, deploy, and manage Microsoft Storage Spaces in Windows Server 2012 R2 with Dell storage-optimized PowerEdge servers and affordable external PowerVault storage. We present different hardware and configuration deployment scenarios for Storage Spaces. You will learn about how to size your VDI pooled and persistent desktops based on Storage spaces. We present real-world Storage Spaces deployments and demonstrate Tiered Spaces with Write Caching and CSV. Come to this session to learn how to deploy a Windows File Server with exceptional \$/IOPS and \$/GB cost efficiency and best-in-class application performance. See a live demonstration of Storage Space capabilities on Dell PowerVault MD 12XX and MD3060e. Hear best practice guidelines for Storage Spaces solution sizing and performance for VDI workload on tested and certified Dell infrastructure. Learn about customer experiences and see a live demonstration of JBOD hardware monitoring and management.	Senthil Baladhandayutham; Syama Poluri	381A
5/13/2014	1:30PM-2:45PM	Breakout	DEV-B218	A Tale of Two Teams: How Microsoft Uses Team Foundation Server and Visual Studio Online	Attend this session to learn how two dramatically different teams at Microsoft make use of Team Foundation Server (TFS) and Visual Studio Online (VSO) to manage their software development projects. The Developer Division, responsible for building massive software projects such as Visual Studio and Team Foundation Server, has been on a multi-year journey to become more agile and accelerate from shipping once every two years to shipping multiple times per year. The Developer and Platform Evangelism (DPE) team maintains a yearly portfolio of several hundred smaller development projects, built by hundreds of geographically distributed employees, partners, and vendors. Both teams utilize TFS/VSO, and in this session hear their adoption stories and take back practical lessons you can apply to your own team's journey.	Brian Keller; Justin Marks	362A
5/13/2014	1:30PM-2:45PM	Breakout	DEV-B219	Real-World Implementations of Microsoft Azure Media Services: A 'Round-the-World Tour of Customer Use Cases	Azure Media Services is a powerful and extensible platform that helps customers with large video libraries and live content to reach a larger audience by streaming to digital devices. In this session, see a variety of examples of the Azure Media solutions built and deployed by global Microsoft customers.	Martin Wahl	Hilton L2 Ballrm C
5/13/2014	1:30PM-2:45PM	Breakout	DEV-B326	How You Can Architect and Develop Enterprise Mission-Critical Applications with Domain-Driven Design and .NET	This session allows you to examine the essential elements of Domain-Driven Design (DDD), both the strategic and tactical modeling tools. Attendees see the problems commonly faced without the use of DDD. By looking at the common struggles and failings in many enterprises, developers are helped to find avoid the same problems that they face on their own project. We focus on the implementation solutions around the DDD hot spots with Bounded Contexts, the Ubiquitous Language, Context Mapping, and tactical modeling tools such as Aggregates/Entities, Value Objects, and Domain Events.	Vaughn Vernon	Hilton L2 Ballrm A
5/13/2014	1:30PM-2:45PM	Breakout	DEV-B328	Running Your Dev/Test in Microsoft Azure	The economics and agility of the cloud can no longer be ignored. In this session, learn how to get started implementing development and test on Azure to enjoy the cost benefits and implementation agility that everyone is talking about. We dive into the technical details of how to rapidly provision, duplicate, and destroy environments into Azure. See how hybrid connectivity features of Virtual Networks facilitate the development and test experience and learn some tips and tricks to further control costs and enhance flexibility using scaling and the automation features of the Azure platform with PowerShell.	Drew McDaniel; Michael Washam; Rick Rainey	332A
5/13/2014	1:30PM-2:45PM	Breakout	DEV-B329	Maximizing Microsoft Azure for Development and Testing	It seems like it's getting harder all the time to get the resources you need to build quick and effective DEV/TEST environments. Where are you going to get the hardware you need without breaking the bank? What if I told you that you don't need that hardware anymore and that Azure can be your DEV/TEST Nirvana? It's true! In this session, we present an approach you can use to create a world class DEV/TEST environment which includes the major planning and design decisions you need to make up-front. After we define the design, we'll put it together and demo a number of DEV/TEST scenarios, including an amazing 20 virtual machine SharePoint lab that we'll deploy using only an XML file that calls PowerShell commands and ends up generating an .rdg file. This is definitely cool stuff and the functionality is equally applicable to production scenarios.	Michael Withrow	352D
5/13/2014	1:30PM-2:45PM	Breakout	DEV-B336	The Future of Visual Basic and C#	The Microsoft Managed Languages team has been focused on rebuilding the VB and C# compilers and editing experiences. This effort has paved the way for these languages to continue evolving for many years to come. However, what does that future actually look like? We explore the editing experience, how public APIs may be used to write language-level extensions, as well as new language features.	Dustin Campbell; Mads Torgersen	General Assembly A
5/13/2014	1:30PM-2:45PM	Breakout	OFC-B222	Introduction to Microsoft Office 365 Identity Management	User management is easy in Office 365, if you just add all your users in the Office 365 admin portal—which works great for teams of less than 25 users. Larger organizations will want to use their existing user directory, and that integration can seem daunting. It doesn't have to be, and this session provides concepts and example scenarios that make identity management in Office 365 seem easy. We discuss user synchronization and why it is important, and talk about sign-in federation and when you would want to do that. We explain a simple Active Directory Federation Services deployment for you and talk about the interoperability program that Microsoft has called Works with Office 365 - Identity.	Paul Andrew	351A
5/13/2014	1:30PM-2:45PM	Breakout	OFC-B274	Implementing Microsoft SharePoint 2013 Hybrid for Search, Business Connectivity Services, Microsoft OneDrive for Business and Yammer	Synergy and availability of data to make meaning information is critical to any business, SMB through Enterprise. Employing SharePoint Server 2013 with Service Pack 1 and SharePoint Online provides this vital goal seamlessly through its Hybrid topology. This session provides an overview of all three Hybrid Models with an emphasis on following technologies: 1) Search, 2) BCS, 3) OneDrive for Business and 4) Yammer. Next we drill down on these four areas. Whether it's having your data discoverable on premises and in the cloud through Search, accessing on-premises line-of-business application data through BCS, or redirection of OneDrive for Business and Yammer, we all understand that the seamless presentation of that data through SharePoint provides instantaneous meaning and empowers us to take swifter actions and make better decisions. This session provides the information you need to make those business and technical decisions as to implementation; it provides you with physical and logical layouts, configuration techniques, and proven ways of implementation. At the end of this session you should leave with a much better understanding of how SharePoint Hybrid will help you access your critical business data with considerations for identity, infrastructure, with an emphasis on the end user consumption experience.	Fabian Williams	360A
5/13/2014	1:30PM-2:45PM	Breakout	OFC-B316	Advanced Visualizations and Dashboards with Visio Services in Microsoft SharePoint	Visio is gaining immense popularity within the SharePoint customer community as an effective real time dashboarding tool. Visio Services enable dynamic data connected diagrams to be published to SharePoint and be viewable via any browser. Furthermore, webpart to webpart connectivity delivers an immersive and insightful experience for end users. Attend this session to learn how you can create an actionable BI dashboard using Microsoft Visio, Visio Services, Excel, SharePoint and Microsoft Azure Data Services.	Chris Hopkins	342D
5/13/2014	1:30PM-2:45PM	Breakout	OFC-B318	Microsoft Exchange Server 2013 SP1 High Availability and Site Resilience	This session covers updates for high availability and site resilience in Service Pack 1. In addition, it also covers using new Windows Server 2012 and Windows Server 2012 R2 features with database availability.	Scott Schnoll	Grand Ballrm A
5/13/2014	1:30PM-2:45PM	Breakout	OFC-B412	Deep Dive into the Microsoft Lync 2013 Client Sign-in Process	Whether you're using Lync Server, hybrid, hosted or online, the client still needs to sign in to get everything started. Join this session to understand the internals of this process across the Lync clients, from Lyncdiscover to Edge—this session is technical and detailed around understanding the protocol flows and troubleshooting when things go sideways.	Brian Ricks	350D

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5/13/2014	1:30PM-2:45PM	Breakout	PCIT-B316	View into the Next On-Premises RMS	While there's lots of excitement about the cloud, some of our customers are not ready to move their information protection platform to the cloud. This year, Active Directory Rights Management Services (AD RMS) will see a significant upgrade including support for some of the most commonly requested features available in Azure RMS, including seamless cross-organization collaboration and mobile device support. In this session we give an early look at the work being done to enhance this platform with these capabilities. We describe the architecture and capabilities of the upcoming release and how it fits in our overall information protection offering.	Enrique Saggese	310A
5/13/2014	1:30PM-2:45PM	Breakout	PCIT-B317	Enrollment and Management of Mobile Devices with Microsoft System Center Configuration Manager and Windows Intune	System Center Configuration Manager and Windows Intune provide a unified approach for device management on-premise and through the cloud. Come and learn how this can help organizations address the complex issues raised by Bring Your Own Device scenarios. Go deep into settings management scenarios, security considerations, deployment options, and how these will enable single pane of glass management of Windows, Mac OS X, Windows RT, Windows Phone 8, iOS, and Android devices.	Chris Green; Joey Glocke	371A
5/13/2014	1:30PM-2:45PM	Breakout	WIN-B327	Application Compatibility and Modernization in a Fast Moving, Post-XP World	In the push to retire Windows XP, application compatibility was all about "getting it over the line," particularly for those who were trying to finish up before the end of support this past April. Now, in a post-XP world, things are changing faster—are your tools, techniques, and processes able to keep up? Do you even want to? And are you able to take full advantage of your platform? Join "The App Compat Guy" for a review of the current state of the art and the secrets of customers who have been able to break the chains and become agile again.	Chris Jackson	372A
5/13/2014	1:30PM-2:45PM	Breakout	WIN-B328	Group Policy: Notes from the Field - Tips, Tricks, and Troubleshooting	You use Group Policy, but are you really USING it? In this session, learn some hidden tricks, tips, and troubleshooting techniques you should know about if you want to get the most out of Windows. First, learn what's new with Group Policy in Windows 8.1—both under the hood and also in the settings. Then, learn some "truths" about how both Group Policy and Group Policy Preferences actually work as we bust some key myths and reveal some mysteries which have plagued administrators for years. Learn exactly what ADM and ADMX files can and cannot do; what kinds of applications can accept settings (and which ones cannot.) Then learn some ninja Group Policy troubleshooting techniques for Group Policy. If you're lost in a "Group Policy Troubleshooting fog" you'll learn about logging, eventing and tracing—the three key techniques for getting Group Policy problems handled. Finally, learn about some free and pay third-party tools which extend Group Policy's reach enabling you to do more than ever. Now come to this session and really USE Group Policy to its fullest (and troubleshoot it BEST when you need to)!	Jeremy Moskowitz	Grand Ballrm B
5/13/2014	1:30PM-2:45PM	Breakout	WIN-B329	Respecting Your Investments: How to Leverage Your Existing Code in a New Windows Runtime LOB App	Many businesses are finding they need new versions of their trusty LOB apps for their increasingly mobile workforce. However, these businesses also want to leverage the existing investments they have made to date. In this session, learn about changes in Windows 8.1 Update to allow businesses to build new mobile LOB applications without having to re-write their entire app from scratch.	Brian Rasmussen	370A
5/13/2014	1:30PM-2:45PM	Breakout	WIN-B411	Troubleshooting Windows 8.1 Deployments: In-Depth	In this session we explore a set of common issues encountered during the Windows 8.1 deployment process, digging as deeply as possible into the root causes and understanding how to troubleshoot similar issues.	Keith Garner	Hilton L2 Ballrm D
5/13/2014	1:30PM-2:45PM	Exam Prep	EXM06	Exam Prep: 70-341 and 70-342 - MCSE: Messaging (Microsoft Exchange Server 2013)	This Exam Prep session is designed for people experienced with Exchange Server 2013 and who are interested in taking the 70-341 (Core Solutions of Microsoft Exchange Server 2013) and 70-342 (Advanced Solutions of Microsoft Exchange Server 2013) exams. These exams are required for the new MCSE: Messaging certification. Attendees of this session can expect to review the topics covered in these exams in a fast-paced format, as well as receive some valuable test taking techniques. Attendees will leave with an understanding of how Microsoft certification works, the key topics covered in the exams, and an exhaustive look at resources for getting ready for the exam. The session is led by a Microsoft Certified Trainer (MCT), experienced in delivering sessions on these topics.	Bob Reinsch	Hilton L2 Ballrm F
5/13/2014	1:30PM-2:45PM	Instructor-led Lab	DBI-IL301	What's New in Microsoft SQL Server 2014 for the DBA (repeats on May 14 at 5:00pm)	In this lab, learn about the new features in SQL Server 2014. Learn about SSD Buffer Pool Extension, Separation of duties, Backup to Cloud, Clustered Columnstore Indexing, and other features in SQL Server 2014.	Denny Cherry	Hall E ILL Room 4
5/13/2014	1:30PM-2:45PM	Instructor-led Lab	DCIM-IL308-R	Windows Server 2012 R2: Introduction to Failover Clustering with Hyper-V (repeated from May 12 at 3:00pm)	Windows Server 2012 R2 Failover Clustering is Microsoft's industry leading high-availability technology. In this introductory session, 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.	Symon Perriman	Hall E ILL Room 1
5/13/2014	1:30PM-2:45PM	Instructor-led Lab	DCIM-IL309	Building Highly Effective Dashboards with Microsoft System Center 2012 R2 Operations Manager	This lab walks you through how to build dashboards in Operations Manager using the extensible and configurable dashboard and widget infrastructure.	Daniel Savage; Eugene Bykov	Hall E ILL Room 2
5/13/2014	1:30PM-2:45PM	Instructor-led Lab	PCIT-IL307	Managing Microsoft Software Updates in Microsoft System Center 2012 R2 Configuration Manager (repeats on May 14 at 8:30am)	Managing software updates is a very important task for IT administrators. Configuration Manager 2012 R2 provides great capabilities for managing deployment of Microsoft updates. In this lab, implement an end-to-end patch management solution – starting with installing the software update point and ending with deploying updates to clients and validating through built-in reporting capabilities. At the end of the lab, you should have enough experience to implement patch management in a Configuration Manager 2012 environment.	Wally Mead	Hall E ILL Room 3
5/13/2014	3:15PM-4:30PM	Breakout	DBI-B281	Microsoft SQL Server 2014 Field Benchmarking In-Memory OLTP and Buffer Pool Extension Features (Doing More with Less)	SQL Server 2014 ships with powerful, new features, two of these can really take your performance to the next level are In-Memory OLTP (Codename "Hekaton") and the Buffer Pool Extension (BPE). In-Memory OLTP unleashes today's powerful processors and removes the roadblocks to new heights in performance. BPE takes advantage of lightning fast storage (in the form of Solid State Storage) to effectively and economically expand the amount of usable memory for the system. These two new features were field benchmarked in the MTC Chicago to gain an understanding on the behavior, scalability, and use cases where these apply. This session reviews the results of the benchmark testing along with customer examples using each feature.	Brian Walters; Evgeny Krivosheev; Rick Heiges; Ross LoForte	352D
5/13/2014	3:15PM-4:30PM	Breakout	DBI-B326	Forecasting with the Microsoft Time Series Data Mining Algorithm	Imagine taking historical stock market data and using data science to more accurately predict future stock values. This is precisely the aim of the Microsoft Time Series data mining algorithm. Of course, your objective doesn't need to be personal profit to attend this session!	Peter Myers	330
5/13/2014	3:15PM-4:30PM	Breakout	DBI-B384	Microsoft SQL Server 2014: In-Memory OLTP End-to-End: Preparing for Migration	SQL Server In-Memory OLTP is a key new feature included in SQL Server 2014. It has been proven to dramatically increase OLTP performance without hardware changes. However, there are numerous nuances in In-Memory OLTP. These nuances mean that not all workloads can derive benefits from In-Memory OLTP. For the workloads that can benefit, care must be taken so that the migration process will enable the workload to take maximum advantage of In-Memory OLTP while keeping efforts down to the minimum. This session uses a sample workload to demonstrate how to plan to migrate to In-Memory OLTP.	Kevin Farlee	310A

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5/13/2014	3:15PM-4:30PM	Breakout	DBI-B410	Deep Dive into Power Query Formula Language	Microsoft Power Query for Excel includes a powerful query engine and a formula language that enables self-service data integration and shaping over a diverse set of data sources, ranging from simple text files to Big Data and Hadoop. Join us to go beneath the UI, to learn how to unlock the full power of the underlying query engine and the formula language, and to truly conquer your data and data-shaping needs.	Matt Masson; Theresa Palmer-Boroski	342D
5/13/2014	3:15PM-4:30PM	Breakout	DCIM-B220	Private Cloud Made Simple: The Fast Track Reference Architecture Program	Microsoft Private Cloud Fast Track delivers a fast and easy path to deploying your own private cloud. Together with our hardware partners, Microsoft provides validated solutions for simplifying deployment and taking the guesswork out. In this session we give you an overview of the program, the design principles, and some of the solutions built by our partners. Get an update on version 4 of the reference architecture which includes the latest releases of Windows Server and Microsoft System Center. Join us to see how Microsoft can put you on the fast track to your own private cloud.	Ian Lucas; Michael Schulz	361A
5/13/2014	3:15PM-4:30PM	Breakout	DCIM-B337	File Server Networking for a Private Cloud Storage Infrastructure in Windows Server 2012 R2	Microsoft has shared the Private Cloud Vision that leverages the storage innovations in Windows Server 2012 and Windows Server 2012 R2. That vision is implemented as a Software-Defined Storage Architecture that leverages JBODs, Storage Spaces, Cluster Shared Volumes, Scale-Out File Servers and SMB3 file shares. In this session, we introduce those concepts and focus on a key aspect of it: the network that connects the compute nodes (Hyper-V hosts) and the storage nodes (File Servers). After stating the overall goals of network fault tolerance and performance, we describe specific features and capabilities in Windows Server that deliver on them, including NIC Teaming, Failover Cluster Networking, SMB Multichannel and SMB Direct. We close by sharing, as end-to-end examples, the two most common networking configurations for Hyper-V over SMB.	Jose Barreto	Grand Ballrm A
5/13/2014	3:15PM-4:30PM	Breakout	DCIM-B339	Architecting Resilient (Cloud) Applications	The cloud doesn't magically make applications perform better or avoid failures. Cloud infrastructure can—and will—fail from time to time, and it's up to the application architect to compose applications in a highly available manner. How can you identify single points of failure, stamp them out, and design applications with exceptional uptime? This session investigates best practices for building highly available applications, discusses "anti-patterns" that limit scalability, and walks through a sample application that leverages the best of what Microsoft Azure has to offer. See how to assemble applications that use Microsoft Azure Web Sites, Azure Virtual Machines, Azure Service Bus, and much more.	Richard Seroter	320A
5/13/2014	3:15PM-4:30PM	Breakout	DCIM-B341	TWC: Live Demonstration: Hacker Tools You Should Know and Worry about in 2014	When we investigate cybercrime we often find traces of commonly known hacker tools, trojans, etc. In this highly interactive demo session, we show you the hacking tools of today, the damage they can do, and how you can recognize them when they are used to attack your infrastructure. This is an extremely valuable and important session for anybody interested in protecting their own IT environment.	Hasan Alshakarti; Marcus Murray	General Assembly B
5/13/2014	3:15PM-4:30PM	Breakout	DCIM-B365	Understanding Hyper-V Network Virtualization: Demo Extravaganza	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, you will 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.	Arnaud Lheureux; Stanislas Quastana	372A
5/13/2014	3:15PM-4:30PM	Breakout	DCIM-B414	Transforming Bare Metal into Logical Switches Using Microsoft System Center 2012 R2 Virtual Machine Manager	Leverage System Center 2012 R2 Virtual Machine Manager (VMM) to automate the provisioning of capacity in your datacenter automatically. Just Rack, Stack, and Enjoy, as System Center 2012 R2 Virtual Machine Manager does the rest. Join us to learn the tricks and tips to make dreams a reality, and provision servers as production-ready in just 75 Minutes! Bring an end to your network virtualization nightmares.	Damian Flynn; Marc van Eijk	362A
5/13/2014	3:15PM-4:30PM	Breakout	DCIM-B417	A Practical Overview of Desired State Configuration	Windows PowerShell 4.0 introduces Desired State Configuration (DSC), and it's time to put it to use. With DSC, you declaratively tell computers what you want them to look like, and how you want them to be configured, and let DSC make it happen and KEEP that configuration enforced. In this session, you not only see how DSC works, but you will be introduced to custom resource development, letting you start "teaching" DSC how to configure internal applications, databases, and other infrastructure elements.	Don Jones	General Assembly A
5/13/2014	3:15PM-4:30PM	Breakout	DEV-B321	Visual Studio Power User: Tips and Tricks	Microsoft Visual Studio has come a long way over the past few years, and it's full of hidden time savers. This talk powers through many time saving features.	Dustin Campbell; Scott Cate	General Assembly C
5/13/2014	3:15PM-4:30PM	Breakout	DEV-B330	What's New in Mobile Services and Notification Hubs	To build a cross-platform mobile app capable of delivering a truly personalized and responsive experience, you need to effectively utilize a cloud-connected app backend and mobile push notifications. Join this session to learn more about recent updates to Mobile Services and Notification Hubs that enable those experiences. You'll leave understanding how to best leverage a scalable and secure Mobile Services backend and how to send millions of personalized, cross-platform push notifications within minutes.	Elio Damaggio; Miranda Luna	381A
5/13/2014	3:15PM-4:30PM	Breakout	DEV-B381	What's New with Microsoft Azure Web Sites	Azure Web Sites has been developing at a rapid pace, and since last BUILD, dozens of new features have been added. This presentation discusses the most important and sought-after new abilities, and how they make developing websites and applications on Azure Web Sites better than ever.	Stefan Schackow	360A
5/13/2014	3:15PM-4:30PM	Breakout	DEV-B391	See How Microsoft Game Studios Uses Visual Studio Online Application Insights to Gain Early Warning of Performance Issues, Failures, and Pinpoint the Root Causes	Microsoft Game Studios has placed big bets on Application Insights to help them gain confidence in their production services. In this session you will learn how they rapidly build, maintain and operate a family of services of this scale. This session shows how the Microsoft Game Studios development team quickly identifies performance issues and bottlenecks in their applications through Application Insights and the power of the Microsoft Monitoring Agent.	Kyle McClellan; Vlad Joanovic	370A
5/13/2014	3:15PM-4:30PM	Breakout	DEV-B412	Deep Dive into Dependency Injection and Writing Decoupled Quality Code and Testable Software	Dependency Injection is one of those terms that advanced programmers throw out with an expectation and assumption of full understanding on the part of the receiver. It's easy to get infatuated by a cool buzz phrase, especially when you hear so many others using it, but to truly understand something you need to start by understanding the problem spaces that it is trying to solve. It's important to learn the concepts behind DI so you can write software that can be properly tested. In this session, we explain dependency injection from concept to implementation, and use raw code samples to show you how it works and what problems it solves. We demonstrate how writing abstracted code can help you test your applications much better, whether or not you use a DI container. Then we get into what a DI container is and differences between Unity, MEF, MEF2, CastleWindsor, Ninject, etc. and the different techniques, like DI thru Constructor, Properties, Interception, object graph LifeTime, and other topics. We finish by showing you implementation examples in three different platforms.	Miguel Castro	Hilton L2 Ballrm A
5/13/2014	3:15PM-4:30PM	Breakout	OFC-B239	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 organizations, from simple sharing and team collaboration to industrial strength management and control that you have come to expect from Microsoft.	Michal Gideoni	351A
5/13/2014	3:15PM-4:30PM	Breakout	OFC-B272	Microsoft Office 365 for IT Professionals	This session introduces IT professionals to the core foundations of Office 365, the economies of scale and richness of feature and scenario capabilities. Get an inside look at how the Office 365 team innovates and iterates on the service, how core operational processes are managed and IT pro responsibilities that go towards delivering an enterprise class service.	Alistair Speirs	Hilton L2 Ballrm C
5/13/2014	3:15PM-4:30PM	Breakout	OFC-B319	Data Loss Prevention (DLP) in Microsoft Office 365	This session provides an overview of Data Loss Prevention (DLP). 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.	Asaf Kashi	332A

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5/13/2014	3:15PM-4:30PM	Breakout	OFC-B341	Microsoft Lync Online Hybrid Deep Dive	Lync Server 2013 allows you to deploy Lync in hybrid deployment in which some users are homed on-premises and some users are homed online sharing the same domain. This session provides an overview of Lync Hybrid and discusses why you may need to deploy it. This session also provides a deep dive and discusses some details on requirements and configuration steps for setting up Lync Hybrid.	Francisco Martin	340
5/13/2014	3:15PM-4:30PM	Breakout	OFC-B413	The Lync Developer Platform: How to Troubleshoot UCMA and UCWA	Every developer has been there: your app should work, but one way Lync does not like your code. Whether it is a UCMA application or a UCWA application, in almost any case, your diagnostics start with collecting logs. This session will be a deep dive in explaining what logging to use.	Ganesh Sridharan	350D
5/13/2014	3:15PM-4:30PM	Breakout	PCIT-B318	Microsoft Desktop Virtualization Overview Session	This session provides an overview of Microsoft Desktop Virtualization solution and products under this solution, not only on-premise but also in Microsoft Azure (personal, pooled Virtual Machine (VM)-based deployments, session-based deployments, RemoteApp and Azure IaaS solution). In this session, we talk about the key improvements and enhancements brought to the platform.	Demi Albu; Robin Brandl; Thomas Willingham	Grand Ballrm B
5/13/2014	3:15PM-4:30PM	Breakout	WIN-B330	Everything You Need to Know for a Successful Microsoft Office 2013 App-V Deployment	Office is one of the top requested applications to be virtualized on Microsoft Application Virtualization (App-V) 5.0, and if you're unfamiliar with it, this can be tricky. In this 300-level session, join the App-V team as they walk you through everything you need to successfully virtualize and deploy Office 2013 in your customer's environments. Learn about supported configurations, creating, deploying, and managing Office in the APP-V environment.	Briton Zurcher	371A
5/13/2014	3:15PM-4:30PM	Breakout	WIN-B331	Microsoft User Experience Virtualization (UE-V): Keeping a Personalized Experience across Virtualized and Physical Environments from Lab Deployment through Enterprise Rollout	This session provides a deep dive of User Experience Virtualization (UE-V) 2.0, which allows your customers to personalize their experience across virtualized and physical environments. Specifically, it delves into how to leverage UE-V 2.0 across your Virtual Desktop Infrastructure (VDI) and physical devices from a lab deployment through deploying and managing UE-V 2.0 with Microsoft System Center 2012 R2 Configuration Manager in your Enterprise.	Aaron Ruckman; Dave Gappmayer	Hilton L2 Ballrm D
5/13/2014	3:15PM-4:30PM	Breakout	WIN-B332	What's New in Windows 8.1 Deployment?	In this session we talk about what's changed with Windows 8.1 in regards to the operating system deployment processes and tools, digging into the technical details of these changes to understand how they will impact you and your customers. We also talk about recommended approaches for moving from Windows 7 and Windows 8 to Windows 8.1.	Michael Niehaus	Grand Ballrm C
5/13/2014	3:15PM-4:30PM	Breakout	WIN-B363	Build for Both: Building Shared Apps for Windows Phone and Windows 8.1	Using the new tools included in the Windows Phone 8.1 SDK, it is easier than ever to create apps that share most of their code. Code can be shared using the new shared app template in Visual Studio, as well as by creating Portable Class Libraries. This session walks through the development of a shared app, showing you where code can be shared and where it still makes sense to implement platform-specific features.	Andy Wigley	382A
5/13/2014	3:15PM-4:30PM	Exam Prep	EXM07	Exam Prep: 70-346 and 70-347: MCSA: Microsoft Office 365	This Exam Prep session is designed for people experienced with Office 365 and who are interested in taking the 70-346 (Managing Office 365 Identities and Requirements) and 70-347 (Enabling Office 365 Services) exams. These exams are required for the new MCSA: Office 365. Attendees of this session can expect to review the topics covered in these exams in a fast-paced format, as well as receive some valuable test taking techniques. Attendees will leave with an understanding of how Microsoft certification works, the key topics covered in the exams, and an exhaustive look at resources for getting ready for the exam. The session is led by a Microsoft Certified Trainer (MCT), experienced in delivering sessions on these topics.	Neal McFee	Hilton L2 Ballrm F
5/13/2014	3:15PM-4:30PM	Instructor-led Lab	DCIM-IL301	Constructing Your Private Cloud with Windows Server and Microsoft System Center, Part 1 (repeats on May 14 at 3:15pm)	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? And 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 E ILL Room 4
5/13/2014	3:15PM-4:30PM	Instructor-led Lab	PCIT-IL304-R	Implementing a Basic PKI in Windows Server 2012 R2 (repeated from May 12 at 3:00pm)	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.	Adam Hall	Hall E ILL Room 1
5/13/2014	3:15PM-4:30PM	Instructor-led Lab	WIN-IL204	Building and Deploying ASP.NET Applications using Microsoft Azure	In this lab, learn how you can leverage Microsoft Visual Studio 2012 and Microsoft Azure Mobile Services to add structured storage, push notifications, integrated authentication, and scheduled jobs to your Windows Store applications. Explore the basic elements of the Azure Web Sites service by creating a simple ASP.NET MVC 4 application, which uses scaffolding to automatically generate the baseline of your application's CRUD (Create, Read, Update and Delete). Then, deploy it using Web Deploy from Visual Studio 2012.	Tony Meleg	Hall E ILL Room 2
5/13/2014	3:15PM-4:30PM	Instructor-led Lab	WIN-IL302	Windows 8.1 Managed Memory Debugging Using WinDBG	With the powerful garbage collector in the CLR, software engineers bask in the glory of not having to worry about managing memory. Long gone are the days where you have to actually free a chunk of memory. Or are they? One of the biggest category of problems that surface on the CLR are those of memory pressure problems. The application that was so carefully tested and now in production runs out of memory even while enjoying the luxury of the garbage collector. Is it a bug in your code? Please join us in this lab where we unravel the mysteries of how the CLR manages memory and how the garbage collector performs its seeming magic. The focus of this lab is debugging managed code memory issues in Windows Store Applications.	Yong Rhee	Hall E ILL Room 3
5/13/2014	5:00PM-6:15PM	Breakout	DBI-B212	BI Power Hour	The Microsoft Business Intelligence team is excited to once again present the BI Power Hour. In this entertaining session, we dazzle you with new demos that expose the lighter side of Business Intelligence, and show off the flexibility and power of the Microsoft BI Platform. If you've never been to a Power Hour session, you definitely don't want to miss it! We promise you'll walk away impressed.	Matt Masson	342D
5/13/2014	5:00PM-6:15PM	Breakout	DBI-B329	The Role of 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.	Brian Mitchell; Tammy Richter Jones	352D
5/13/2014	5:00PM-6:15PM	Breakout	DBI-B331	Cardinality Estimates in Microsoft SQL Server 2014	SQL Server 2014 includes a new cardinality estimator. This feature allows for statistics to be updated more frequently than previous versions of SQL Server, resulting in better query performance. Attend this session and understand how, why, and when SQL Server uses statistics and how this new feature will help improve performance.	Thomas LaRock	360A
5/13/2014	5:00PM-6:15PM	Breakout	DCIM-B300	Microsoft Azure for SharePoint Farm Administrators	In this session, learn how to use Microsoft Azure Infrastructure Services to deploy SharePoint Server for production environments or for development and test. Learn the key features of virtual machines and virtual networks as they relate to you as a SharePoint farm administrator. Learn topics such as high availability and scalability as well as techniques to migrate existing SharePoint farms to the cloud or to quickly jump-start a farm from scratch using automated deployment scripts.	Michael Washam	310A

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5/13/2014	5:00PM-6:15PM	Breakout	DCIM-B312	Notes from the Field: Windows Azure Pack IaaS and PaaS	"The Windows Azure Pack delivers flexible self-service capabilities for your datacenter with a user experience consistent to the Microsoft Azure portal. Learn how to leverage this capability for your organization step-by-step. This deep technical session focuses on two end-to-end scenarios with the Azure Pack: an IaaS scenario for automating Microsoft SQL virtual machine deployment, and a PaaS scenario for delivering hosted websites. In the context of these scenarios, you walk through the Virtual Machine Role model and the process to author portable templates for Virtual Machine Role. Just as important, you gain clarity on when and where each fits in delivering the optimal self-service solution to your IT pro and application developer audiences. The demo-centric approach of this session moves beyond simple discussion of concepts to provide a hands-on insight into the process of delivering each of these powerful scenarios."	Anders Bengtsson; Pete Zerger	Hilton L2 Ballrm D
5/13/2014	5:00PM-6:15PM	Breakout	DCIM-B340	TWC: Sysinternals Primer: TechEd 2014 Edition	The latest edition of the popular Sysinternals Primer series with Aaron Margosis, Mark Russinovich's co-author of The Windows Sysinternals Administrator's Reference. The Sysinternals utilities are vital tools for any computer professional on the Windows platform. Mark Russinovich's popular "Case Of The Unexplained" demonstrates some of their capabilities in advanced troubleshooting scenarios. This complementary tutorial series focuses primarily on the utilities themselves, deep-diving into as many features as time allows. Expect to see some advanced analysis, such as manipulating Procmon results with Windows PowerShell, and interesting/useful new features.	Aaron Margosis	Grand Ballrm B
5/13/2014	5:00PM-6:15PM	Breakout	DCIM-B342	Linux/UNIX Compliance and Patch Management with Microsoft 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.	Russ Ernst; Thorsten Henking	362A
5/13/2014	5:00PM-6:15PM	Breakout	DCIM-B343	Extend Microsoft System Center 2012 R2: Manage Hybrid Cloud Distributed Application and Dynamic Application Maps	Automatic maps and performance monitoring of cross-system applications is simple with System Center. The challenge is discovering the maps, putting them into useful views, and keeping them up to date with real-world system changes. This session shows how you can automate distributed applications as a part of System Center 2012 R2 Operations Manager, Orchestrator, and Service Manager together with BlueStripe. Learn how to build live dynamic application maps that cross Azure and the datacenter, how to use these maps within System Center 2012 R2 Operations Manager, and how to apply application context to provide business services for Service Manager and application performance-focused runbooks using Orchestrator.	Victor Nyman	330
5/13/2014	5:00PM-6:15PM	Breakout	DCIM-B344	Network Tuning for Specific Workloads	In this session, learn how network configuration can optimize for common workloads in Windows Server 2012 R2, such as for SQL, web servers and such.	Gabriel Silva	371A
5/13/2014	5:00PM-6:15PM	Breakout	DCIM-B352	Designing Network Infrastructures for Hybrid Cloud	Microsoft Azure Virtual Networks allow you to build and extend your on-premises IT infrastructure as an organized set of subnets and virtual machines using Microsoft Azure infrastructure services. Planning and design for using Azure Virtual Networks involves careful analysis of name resolution, IP address management, scalability, routing and incorporation of your computer management infrastructure and then mapping your needs to the current capabilities of Azure. Join us for a detailed discussion of the planning questions, design considerations, and the step-by-step planning process to address your needs and requirements and extend your infrastructure to the cloud.	Joe Davies	370A
5/13/2014	5:00PM-6:15PM	Breakout	DEV-B221	Native Mobile Application Development for iOS, Android, and Windows in C# and Visual Studio Using Xamarin	Xamarin enables C# developers to become native iOS, Android, and Windows mobile developers overnight. In this session, learn how to leverage your existing skills, tools, and code to build mobile apps for all major device platforms. Using Xamarin, you can develop native iOS, Android, and Windows apps while sharing on average 75% of your code. This session also gives you the tools to assess your current code base, look at the architecture necessary to support maximum code sharing and reuse, and provide guidance and best practices for handling fragmentation across and within each device platform. To illustrate these points, we look at real-world example mobile apps and the architecture and patterns that power them.	Anuj Bhatia	Grand Ballrm C
5/13/2014	5:00PM-6:15PM	Breakout	DEV-B331	How You Can Implement Aggregates and Domain Entities Effectively in Domain Models, with .NET	Aggregates are likely the least well understood among Domain-Driven Design's (DDD) tactical techniques when designing Domain Entity Models. Yet, by applying some rules of thumb, Aggregates can be made simpler and quicker to implement correctly. Learn how to cut through the complexity barrier to use Aggregates that create consistency boundaries around small object clusters. Because of putting too much emphasis on the less important aspects of Aggregates, many stumble in their efforts to design. We step through the common pitfalls and modeling challenges, and analyze what can be done to correct these situations. This proves that you can actually achieve a deeper understanding of your Core Domain by following the rules and suggestions provided. Learn how to create a highly scalable, high performance domain model that at the same time provides transactional consistency.	Vaughn Vernon	Hilton L2 Ballrm A
5/13/2014	5:00PM-6:15PM	Breakout	DEV-B363	Hybrid ALM: Using Team Foundation Server and Visual Studio Online Together	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 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	340
5/13/2014	5:00PM-6:15PM	Breakout	DEV-B413	Learn How to Build a Modern Web Application with Client Side JavaScript and ASP.NET	This session covers a number of client-side technologies including AngularJS. How do these MVVM and MVC patterns change your existing server-side architectures? Discover how to build modern client-side applications, more simply and quickly, with a host of new features, tips, and tricks in Web Essentials for Visual Studio.	Mads Kristensen	General Assembly C
5/13/2014	5:00PM-6:15PM	Breakout	DEV-B414	Planning a Scalable End-to-End Multi-Tier Application on Microsoft Azure Web Sites	Developing multi-tiered applications in the cloud world and integrating with Microsoft Azure Active Directory offers great benefits, as it allows flexible scaling as the business and usage grows. This session discusses planning web apps with scaling and growth in mind, as well as strategies and techniques for hybrid to on-premises solutions.	Byron Tardif	350D
5/13/2014	5:00PM-6:15PM	Breakout	OFC-B211	Microsoft Excel Enhanced: Self-Service Business Intelligence for Everyone	Do more with the tool you already know, rather than learning more about new tools you don't need. With Excel, you can now discover, analyze, and visualize large volumes of multi-sourced data like never before to find valuable business insights that inform your critical decisions. This session focuses on the Business Intelligence services available through Excel and Microsoft Office 365. The combination of Office and Microsoft SharePoint Online provide an integrated analytics platform that allows your users to discover and share business insights in dynamic environments. Power BI for Office 365 builds on your work in Excel to scale your BI solution throughout an organization. Understand the end-to-end scenario for making sense of the data relevant to your business.	Peter Myers	332A
5/13/2014	5:00PM-6:15PM	Breakout	OFC-B240	Introducing Codename "Oslo" and the Office Graph	Come see how we reimagined search and discovery across Microsoft Office with Codename "Oslo," powered by the Office Graph. "Oslo" enables you to work like a network, by proactively surfacing the best and relevant information across Office, tailored just for you. Learn how Office Graph transforms Office, with suite-wide insights and machine learning.	Cem Aykan; Viral Shah	Hilton L2 Ballrm C
5/13/2014	5:00PM-6:15PM	Breakout	OFC-B244	Microsoft Exchange Server 2013 SP1 Tips and Tricks	This session continues the long-standing tradition of the Exchange Tips and Tricks series. This is the debut Tips and Tricks session for Exchange 2013 SP1, with all new and never before seen tips, tricks, and other useful information related to planning, setup, deployment, and more!	Scott Schnoll	General Assembly B

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5/13/2014	5:00PM-6:15PM	Breakout	OFC-B336	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: 1) ways to synchronize your on-premises directory data to the cloud to achieve identity SSO (single sign-on); 2) rollout of OneDrive for Business across your organization; and 3) getting other Microsoft Office 365 suite level features running in conjunction with OneDrive for Business.	Todd Klindt	351A
5/13/2014	5:00PM-6:15PM	Breakout	OFC-B414	Meetings and Media: The Detailed View	This deep-dive session covers topics of Lync Meeting specific AV media flows, codecs, and more. Bring your binoculars. There will be eye charts in this one!	Johan Delimon; Tommy Clarke	381A
5/13/2014	5:00PM-6:15PM	Breakout	PCIT-B319	TWC: Social Engineering: Manipulations, Targeted Attacks, and IT Security	Today we are able to see a clear shift in how enterprises are targeted by malware engineers. The attack landscape has adapted to the new world and they now perform targeted attacks, especially over the social networks. Because guess what? The CEO, CTO, or even the girl next door has a social network account. Join this session and explore how social engineering has grown over time and examine lessons learned from the field on how to best mitigate those traps.	Erdal Ozkaya; Milad Aslaner	Grand Ballrm A
5/13/2014	5:00PM-6:15PM	Breakout	PCIT-B320	Microsoft System Center Configuration Manager Community Jewels	There are many fantastic and useful community tools created to take an already fantastic product in Configuration Manager 2012 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.	Dave Randall; Jörgen Nilsson; Stefan Schörling	General Assembly A
5/13/2014	5:00PM-6:15PM	Breakout	PCIT-B321	Deploying the New RMS for Cloud-Friendly and Cloud-Reluctant Customers	The new Microsoft Rights Management services (RMS) enables customers to protect their most sensitive information. Some customers want to put this data in the cloud while retaining control over it, while some may want to keep their data on-premises due to concerns about control over their data. Microsoft RMS can work with both these scenarios, enabling them to deploy Azure RMS to work with online and on-premises servers, and allowing them to retain control over their keys and access to documents. In this session we describe how these scenarios are deployed and demonstrate how to quickly set up Azure RMS, how to enable on-premises and cloud-based SharePoint and Exchange to use the service via the connector, and how to deploy Bring your Own Key solutions to protect your root keys.	Enrique Saggese	320A
5/13/2014	5:00PM-6:15PM	Breakout	WIN-B220	New Security Features for Windows Phone 8.1	Learn about the new security APIs available to application developers in Windows Phone 8.1. This session will cover authentication, single sign-on, credential management, encryption, cryptography, and certificates.	Christopher Walstad	372A
5/13/2014	5:00PM-6:15PM	Breakout	WIN-B222	Wrap a Mobile API around Your Enterprise and Take Data Offline with NoSQL on Windows Phones and Tablets	Enterprise mobility is a top priority for Chief Information Officers who must empower employees and reach customers by moving data from backend systems out to apps on mobile devices. This data must flow over inefficient wireless data networks, be consumable by any mobile device, and scale to support millions of users while delivering exceptional performance. Since wireless coverage is inconsistent, apps must store this data offline so users can be productive in the absence of connectivity. Join Rob and learn how to build fast and scalable REST + JSON APIs using the ASP.NET Web API while employing techniques such as data sharing and in-memory caching. On the device, learn how your apps can work with offline data via in-memory NoSQL tables that use LINQ to support the same CRUD operations as relational databases. You'll walk away from this session with the ability to deliver flexible server solutions that work on-premise or in Azure and device solutions that work with Windows Phones and Tablets.	Rob Tiffany	382A
5/13/2014	5:00PM-6:15PM	Breakout	WIN-B412	Hardcode Debugging	This is a HARDCORE session designed to stretch, challenge, and entertain even an expert in the field. Windows debugging and Windows internals is something you can never really master, and everyone has new techniques. We showcase the latest innovations and approaches in troubleshooting for Windows, diving deep under the covers of Windows and how it's changing for 8.1. Our goal is to give even experts in the field new techniques—even if you are a hardened veteran—to help you solve problems more quickly and better understand how Windows works.	Andrew Richards	361A
5/13/2014	5:00PM-6:15PM	Exam Prep	EXM08	Exam Prep: 70-410 and 70-417 - MCSA: Windows Server 2012 (repeated from May 12 at 1:15pm)	This Exam Prep session is designed for people experienced with Windows Server 2012 who are interested in taking the 70-410 (Installing and Configuring Windows Server 2012) exam or the 70-417 (Upgrading Your Skills to MCSA Windows Server 2012) exam. These exams are required for the new MCSA: Windows Server 2012 certification. Attendees of this session can expect to review the topics covered in these exams in a fast-paced format, as well as receive some valuable test taking techniques. Attendees will leave with an understanding of how Microsoft certification works, the key topics covered in the exams, and an exhaustive look at resources for finalizing getting ready for the exam. The session is led by a Microsoft Certified Trainer (MCT), experienced in delivering sessions on these topics. If you have an MCSA on Windows Server 2008, or are new to Certification, this is the best first step to getting certified on Windows Server 2012.	Alfred Ojukwu	Hilton L2 Ballrm F
5/13/2014	5:00PM-6:15PM	Instructor-led Lab	DCIM-IL201-R	Implementing Desired State Configuration in Windows Server 2012 R2 (repeated from May 12 at 1:15pm)	In this lab, learn how Desired State Configuration in Windows PowerShell 4.0 allows you to deploy, maintain, and remediate to the desired state.	Hemant Mahawar; Kenneth Hansen	Hall E ILL Room 2
5/13/2014	5:00PM-6:15PM	Instructor-led Lab	DCIM-IL308-RR	Windows Server 2012 R2: Introduction to Failover Clustering with Hyper-V (repeated from May 12 at 3:00pm)	Windows Server 2012 R2 Failover Clustering is Microsoft's industry leading high-availability technology. In this introductory session, 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.	Symon Perriman	Hall E ILL Room 4
5/13/2014	5:00PM-6:15PM	Instructor-led Lab	PCIT-IL305	Basic Software Distribution with Microsoft System Center 2012 R2 Configuration Manager (repeats on May 14 at 3:15pm)	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.	Wally Mead	Hall E ILL Room 3
5/13/2014	5:00PM-6:15PM	Instructor-led Lab	WIN-IL202	Manage Networking Services in Windows Server 2012 R2 Using IPAM	IPAM provides a single console to plan, design, and administer Network services and IP Address spaces - Physical and Virtual. In this lab, learn more about how you can use IPAM in your organization for managing physical and virtual address space, delegate permissions in a multi-user environment, perform advanced DHCP configurations and leverage IPAM PowerShell commandlets for automating routine operations.	Mahesh Narayanan; Yagmur Sahin	Hall E ILL Room 1
5/14/2014	8:30AM-9:45AM	Breakout	DBI-B327	Deriving Business Insights Using Microsoft BI Connected to the SAP ERP and 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 will be live demos of Microsoft BI connecting the SAP system.	Christoph Schuler; Justin Martinson; Sanjay Soni	330
5/14/2014	8:30AM-9:45AM	Breakout	DBI-B383	Microsoft SQL Server 2014 Private and Hybrid Cloud Features	Come to this session to learn about new features in SQL Server 2014 geared towards private and hybrid cloud. This session is demo-heavy and you will walk away with great understanding on how the product team bake cloud features directly into SQL Server 2014.	Darmadi Komo	332A
5/14/2014	8:30AM-9:45AM	Breakout	DBI-B488	Microsoft SQL Server 2014: In-Memory OLTP Performance Troubleshooting	You've migrated parts of your application to in-memory. But now you are not seeing a serious performance improvement, or maybe even a performance degradation! What's going on? In this session we walk you through several performance problems we have seen with customers, and show how to diagnose and resolve the issues to ultimately obtain the performance improvement you're looking for from in-memory OLTP. We address a variety of issues, including log IO bottlenecks, index tuning, and query plan problems.	Jos de Bruijn	372A

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Date	Time	Session Type	Code	Title	Abstract	Speaker	Room
5/14/2014	8:30AM-9:45AM	Breakout	DCIM-B215	Financial Management for Cloud Resources in the Windows Azure Pack: Cloud Cruiser	In this session, we discuss how to transform the economics of hybrid clouds built with Cloud OS. We look at the process of metering granular usage and cost data for Microsoft System Center 2012 R2, Windows Server 2012 R2 Hyper-V, Windows Azure Pack, Azure public cloud, and other non-Microsoft IT resources, and then transform it into actionable financial intelligence. We discuss a variety of use cases, such as multi-tenant chargeback and billing, demand forecasting, profit management, technology trends, and what-if modeling, to get a better understanding of how enterprises and service providers are using IT Financial Management to optimize costs and drive greater business agility with the Microsoft cloud platform and Cloud Cruiser.	Nick van der Zweep	381A
5/14/2014	8:30AM-9:45AM	Breakout	DCIM-B346	Best Practices for Deploying Tiered Storage Spaces in Windows Server 2012 R2	Tiered Storage Spaces offer the best of both SSDs and HDDs: SSDs for your current working set and HDDs for everything else in your dataset. In this session, hear the design team's deployment guidance, learn how to leverage the Tiered Spaces report, and how to use Windows PowerShell to automate your deployment.	Alex Hsieh; Bryan Matthew	Grand Ballrm A
5/14/2014	8:30AM-9:45AM	Breakout	DCIM-B347	Introduction to Microsoft Azure Automation	In this session, learn how Azure Automation enables you to automate the creation, deployment, monitoring, and maintenance of resources 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; Eamon O'Reilly	352D
5/14/2014	8:30AM-9:45AM	Breakout	DCIM-B348	Management Pack Authoring for IT Admins	Monitoring infrastructure is a crucial function in any datacenters. 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 what new options are available for IT administrators that make it possible to create robust management packs that adapt to the needs of your business.	Harold Dyck; Liz Kim; Paul Chehowski; Raúl E. González	General Assembly C
5/14/2014	8:30AM-9:45AM	Breakout	DCIM-B349	Software-Defined Storage in Windows Server 2012 R2 and Microsoft System Center 2012 R2	Regardless of whether you're building on a private infrastructure, in a hybrid environment, or deploying to a public cloud, there are optimizations you can make in storage and availability that will improve the manageability and performance of your application and environment. Join this session to hear more about the end-to-end scale, performance, and availability improvements coming with Windows Server. We dive into deploying and managing storage using SMB shares, show the improved experience in everyday storage management such as deploying patches to the cloud, and share how to leverage faster live migration when responding to new load demands. 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 SMB 3.0. Now, with major features added in Windows Server 2012 R2 (e.g., Storage Tiering and SMB Redirection), the story gets even better! 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. 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 and Microsoft System Center. Live demos galore!	Elden Christensen; Hector Linares; Jose Barreto; Tobias Klima	310A
5/14/2014	8:30AM-9:45AM	Breakout	DCIM-B350	TWC: Recalling Windows Memories: Useful Guide to Retrieving and Analyzing Memory Content	Acquiring and analyzing physical memory as done by forensics professionals is a skill crucial to understanding 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 really intense but practical at the same time, as always it is packed with a lot of live demos and stories!	Paula Januszkiewicz	Hilton L2 Ballrm A
5/14/2014	8:30AM-9:45AM	Breakout	DCIM-B387	Data Protection in Microsoft Azure	In addition to making strong contractual commitments about the privacy and sovereignty of your data, Microsoft enables governance of your data in Microsoft Azure through advanced technologies to secure, separate, and dispose of data according to your business needs. This session provides an overview of these technologies with a focus on encryption of data in transit and at rest, as well as data isolation and destruction principle and practices.	Krishna Anumalasetty; Ramesh Chinta	361A
5/14/2014	8:30AM-9:45AM	Breakout	DCIM-B422	ExpressRoute: Connecting Private and Public Clouds through Exchange Providers	ExpressRoute is a new Azure service that allows customers to establish private, high-throughput connections with Microsoft Azure. Join us in this session to learn how you can establish such connections through an Exchange provider. We also cover some new possibilities this opens up for	Ganesh Srinivasan; Venkat Gattamneni	Hilton L2 Ballrm C
5/14/2014	8:30AM-9:45AM	Breakout	DEV-B232	Creating Cloud Hosted Line-of-Business Applications with Apps for Office, Microsoft Office 365, Microsoft Azure, and Windows Phone 8	This session demonstrates how a new class of scenarios and user experiences can be enabled by re-imagining solutions using cloud-based technology and Apps for Office. Learn how to make cloud-based line-of-business applications which include Apps for Office in Microsoft Word, Excel, and Outlook, and also how to supplement them with Office 365 SharePoint web sites, Windows Phone 8 apps, notifications, and Azure Web Sites and SQL Databases. See an extremely polished end-to-end demo scenario unfold, related to idea generation, qualification, selection, development, and evaluation. Learn how all the components in the demo are built, what patterns are used to implement them, and have a lot of fun along the way. This session also has a little bit of March Madness flavor baked into it which will provide an entertaining and enlightening experience.	Michael Sherman; Todd Baginski	340
5/14/2014	8:30AM-9:45AM	Breakout	DEV-B339	Building a Large Scale JavaScript Application in TypeScript	How can you survive a project that uses JavaScript massively on both the client and the server using node.js? The project is about on-line development components, such as the TypeScript playground (http://www.typescriptlang.org/Playground/) or Visual Studio Online "Monaco", which enables users to edit Azure Web Sites online. We had an existing large JavaScript code base and we wanted to give TypeScript a try. Today the project is one of the largest TypeScript code bases inside Microsoft with more than 200k lines of TypeScript in production. This session gives a quick introduction into TypeScript and then takes a deep look at how TypeScript and other technologies were used to successfully scale up a large JavaScript project that ships in some of Microsoft's biggest products and services.	Johannes Rieken	362A
5/14/2014	8:30AM-9:45AM	Breakout	DEV-B347	Automated Testing of XAML-Based Windows Phone Applications	Do you want to create automated tests for your Windows Phone apps? With Microsoft Visual Studio 2013 Update 2 you can now create automated tests for your XAML-based Windows Phone apps. Starting from unit tests to functional end-to-end scenario tests, you can now perform all of your testing from the integrated Test Explorer in Visual Studio. These tests are seamlessly integrated with the automated build capabilities of Team Foundation Server. You now have the tools to build a gated check-in workflow or a continuous integration system easily. The testing framework is extensible and developers can customize it to meet the specialized needs of their application. In this session, we show you how to build comprehensive test suites for your Windows Phone apps by leveraging these Visual Studio capabilities, set up systems to prevent regressions, and overall ship a great quality app.	Vinay Krishna	320A
5/14/2014	8:30AM-9:45AM	Breakout	DEV-B378	Deep Dive into Agile Planning for Team Foundation Server 2013 and Visual Studio Online	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 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	Hilton L2 Ballrm D

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5/14/2014	8:30AM-9:45AM	Breakout	DEV-B416	SignalR: 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	Grand Ballrm C
5/14/2014	8:30AM-9:45AM	Breakout	OFC-B241	Integrating SharePoint Portals with Social, Search, and Video	Do you have an old static company or department portal? Are you spending too much time actively maintaining relevant content for it? Social is in! In this session we enhance a company portal in a few easy steps and enable it for open social communication inside both Yammer and Microsoft SharePoint. We walk through the different ways of integrating Yammer including Open Graph, Embed and REST API. We also show you how to utilize search and recommendations to move from a static site to a dynamic and user engaging portal.	Damien Islam-Frenoy; Faizan Khan	371A
5/14/2014	8:30AM-9:45AM	Breakout	OFC-B248	Publishing Microsoft Exchange Server: Which TLA Should You Choose?	Publishing Exchange used to be easy. You installed Microsoft Security and Acceleration (ISA) Server or Forefront Threat Management Gateway (TMG) and considered your work done. But with the changes in roadmap of Microsoft security products such as TMG and UAG, and the addition of features like ARR and WAP, the sea of TLAs has become more complex than ever. Come and learn what the real risks are when publishing Exchange to the Internet, what your choices are, which you should choose, and how to deploy them. There's a TLA for everyone when it comes to publishing Exchange, but make sure you know which is which and which one you need, if at all. The Windows team have added an additional component called Application Request Routing 3.0 to the Internet Information Service (IIS) role, which enables IIS to handle reverse proxy requests and also perform layer seven Load Balancing of these requests.	Greg Taylor	351A
5/14/2014	8:30AM-9:45AM	Breakout	OFC-B311	A Practical Use of External Data Sources	Move beyond the conceptual overview of external data and business connectivity services with a practical implementation. See an external data source configured from scratch and examples of practical uses of the information within SharePoint, including external lists, external data columns, and search. Learn how a source database with millions of rows of data can be added to SharePoint and used easily. This session provides more than a basic overview, with high enough level to cover multiple scenarios of general use.	Tom Resing	360A
5/14/2014	8:30AM-9:45AM	Breakout	OFC-B416	Phone Number Management in Microsoft Lync Server 2013	Stale Hansen, the creator of Get-UnusedNumbers PowerShell script, walks through how phone number management is done throughout different Lync deployments. The session starts with some of the basics and quickly moves over to more advanced scripting and tools that can be utilized in user creation workflows and user management scenarios. Be sure to attend this session if you want tips on phone number management in your environment or customer deployments.	Ståle Hansen	350D
5/14/2014	8:30AM-9:45AM	Breakout	PCIT-B219	Microsoft Configuration Manager Community Resources	This session uncovers the wonderful community tools created to take an already fantastic product in Configuration Manager 2012 R2 to a new level. Many of these community tools are showcased during the session.	Rod Trent	370A
5/14/2014	8:30AM-9:45AM	Breakout	PCIT-B323	Application Management with Microsoft System Center Configuration Manager and Windows Intune	Configuration Manager gives users access to business applications on a wide array of platforms. In this session we provide a deep technical overview of the application model and demonstrate how an IT Admin configures applications for a variety of devices. This session includes Windows 8 app delivery to Windows 8 and 8.1, Microsoft Application Virtualization (App-V), Mac, Linux, Windows RT, Windows Phone 8, iOS, and Android inclusive of new functionality enabled by R2 and Windows Intune.	Craig Morris; Heidi Cheng	General Assembly B
5/14/2014	8:30AM-9:45AM	Breakout	PCIT-B324	How to Rapidly Design and Deploy an Active Directory Federation Services Farm: The Do's and the Don'ts	You may be looking at deploying Active Directory Federation Services (AD FS) to support Microsoft Office 365, implement authentication to cloud applications or integrate diverse identities from partners and other organizations. Whatever your reason, AD FS will become a key component for authentication and access and as such must be scalable, highly-available and fault tolerant. Come to this session and learn how to design AD FS farms to support different scenarios and how to rapidly deploy them. The session covers the Windows Server 2012 R2 version of AD FS.	John Craddock	General Assembly A
5/14/2014	8:30AM-9:45AM	Breakout	WIN-B218	Multi-Tasking and Event-Triggered Background Processing for Windows Apps	Windows Phone 8.1 introduces new mechanisms to allow applications to execute while not in the foreground. A converged Triggers and Background Tasks implementation allows tasks to launch on time, location, push, Bluetooth and system events. Learn how new resource policies affect how and when your application runs in the background and how to use these new feature from Windows XAML and Microsoft Silverlight 8.1 applications.	Jerry Nixon	342D
5/14/2014	8:30AM-9:45AM	Breakout	WIN-B335	Making Sense of the Microsoft Information Protection Stack	When you look at the many information protection technologies that Microsoft offers (e.g., BitLocker, AD RMS, Exchange DLP) it can seem overwhelming. In this session, see how our information protection technologies can be deployed to work together as an integrated solution that is comprehensive in capability. We show the big picture as well as technical details particularly with new IP technologies such as Windows 8.1 Remote Business Data Removal, Device Encryption, and Microsoft Rights Management Services, just to name a few.	Chris Hallum	Grand Ballrm B
5/14/2014	8:30AM-9:45AM	Breakout	WIN-B337	Support Your Demanding LOB Apps with SQLite on Windows Phone 8.1 and Windows 8.1	Most mobile apps require the ability to store data locally on a device to deal with the realities of a disconnected world where a ubiquitous wireless data network is non-existent. While many consumer apps can save light amounts of data as small files, the data requirements of mobile line-of-business apps is much greater. With Windows Phone 8.1 and Windows 8.1, and using MSOpenTech's new portable wrapper for the embedded database, SQLite, C# and Visual Basic developers can build structured data storage into their apps. Join Rob as he walks you through creating local databases and tables and shows you how to work with offline data. We also take a quick look at the new local data sync capability in Microsoft Azure Mobile Services which uses SQLite for local data storage.	Rob Tiffany	382A
5/14/2014	8:30AM-9:45AM	Exam Prep	EXM09	Exam Prep: 70-483 - Programming in C#	This Exam Prep session focuses on what you need to know to get certified and pass the C# Microsoft Certified Professional exam 70-483 (Programming in C#). The session is led by an expert Microsoft Certified Trainer (MCT) who regularly presents on this topic. The presenter walks you through the objectives that are covered in the exam, and gives you some general exam taking tips and technology "gotchas" about programming in programming in C#. This session will be your last step in getting ready for this exam.	Sidney Andrews	Hilton L2 Ballrm F
5/14/2014	8:30AM-9:45AM	Instructor-led Lab	DCIM-IL200	Build Your Storage Infrastructure with Windows Server 2012 R2 (repeats on May 14 at 5:00pm)	Create a new storage-optimized file server using Tiered Storage Spaces and deduplication. Next, create a three node Scale-Out File Server Cluster.	Prabu Rambadran	Hall E ILL Room 2
5/14/2014	8:30AM-9:45AM	Instructor-led Lab	PCIT-IL301-R	Migrating Active Directory to Windows Server 2012 R2 (repeated from May 12 at 1:15pm)	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 are transferred to enable the Windows Server 2008 R2 domain controller to be retired.	Adam Hall	Hall E ILL Room 4
5/14/2014	8:30AM-9:45AM	Instructor-led Lab	PCIT-IL307-R	Managing Microsoft Software Updates in Microsoft System Center 2012 R2 Configuration Manager (repeated from May 13 at 1:30pm)	Managing software updates is a very important task for IT administrators. Configuration Manager 2012 R2 provides great capabilities for managing deployment of Microsoft updates. In this lab, implement an end-to-end patch management solution - starting with installing the software update point and ending with deploying updates to clients and validating through built-in reporting capabilities. At the end of the lab, you should have enough experience to implement patch management in a Configuration Manager 2012 environment.	Wally Mead	Hall E ILL Room 3
5/14/2014	8:30AM-9:45AM	Instructor-led Lab	WIN-IL200-R	Creating a Windows 8.1 Reference Image (repeated from May 12 at 4:45pm)	In this lab, run through the process of creating a Windows 8.1 reference image using the Microsoft Deployment Toolkit. The lab provides practical guidance and tips to help you create an image you can use in your environment.	Alexey Semibratov; Ben Hunter	Hall E ILL Room 1

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5/14/2014	10:15AM-11:30AM	Breakout	DBI-B319	Microsoft Unlocks Business Value with Machine Learning	Big Data has created very high demand for Data Science and Advanced Analytics. With large data volumes and the rise of new data sources such as social media, customers now have a unique opportunity to drive business value through Advanced Analytics that offer powerful algorithms from Statistics, Mathematics, and Machine Learning. This session shows how Microsoft is applying Data Science to solve real business challenges. Through practical examples we show how our own Data Scientists from the Data and Decision Sciences Group are solving challenging business problems at Microsoft with Advanced Analytics. Attend this session to learn practical applications of Advanced Analytics to business problems such as customer churn reduction, customer targeting, and segmentation.	Derek Bevan; Val Fontama	330
5/14/2014	10:15AM-11:30AM	Breakout	DBI-B489	SQL Server Query Plan Analysis: The 5 Culprits That Cause 95% of Your Performance Headaches	Ever open a huge query plan to track down a performance issue and instead find yourself overwhelmed by the sheer number of objects on the screen? How do you figure out which part of the plan is causing the problem, and what should you do about it? The fact is that the vast majority of query plan troubles boil down to the same basic causes; solving them is simply a matter of knowing where to look. In this session, learn how to open a plan and immediately drill in to the most likely problem areas. Once there, a simple analysis of five key indicators—and no, index scan is not one of them—will help you diagnose your performance problem faster than you ever thought possible. Say goodbye to guesswork and game playing. This session teaches you how easy it can be to apply a bit of logic and quickly improve the performance of your queries.	Adam Machanic	Hilton L2 Ballrm A
5/14/2014	10:15AM-11:30AM	Breakout	DCIM-B214	How Microsoft Azure Architectural Patterns Change Approaches to Solutions, 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	352D
5/14/2014	10:15AM-11:30AM	Breakout	DCIM-B301	Leveraging Your On-Premises Directory Infrastructure to Manage Your Microsoft Azure Active Directory Identities	You've invested time and money in your on-premises directory infrastructure—now make that investment work for you in the cloud! This session focuses on how you can leverage your existing on-premises directory to manage your cloud directory. Topics include a tour through new features and functionality in the Directory Sync and Single Sign-On space, as well as a deep focus on common customer scenarios, requirements and how you can accomplish your goals.	Aanchal Saxena; Ross Adams	372A
5/14/2014	10:15AM-11:30AM	Breakout	DCIM-B331	Migrating to Hyper-V Using the Microsoft Virtual Machine Converter Tool	This session discusses tools provided by System Center 2012 R2 Virtual Machine Manager and Microsoft Virtual Machine Converter (MVMC) that help customers in moving virtual machines running on the VMware platform to Windows Server 2012 R2 Hyper-V.	Abhishek Pathak	371A
5/14/2014	10:15AM-11:30AM	Breakout	DCIM-B351	TWC: The Dark Web Rises: A Journey through the Looking Glass!	The TOR Network started life as an open source 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 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	General Assembly C
5/14/2014	10:15AM-11:30AM	Breakout	DCIM-B355	Microsoft System Center 2012 R2 Service Manager in the Hybrid Cloud	Leverage the capabilities of Service Manager and its expandability to support your on-premise 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.	Anshuman Nangia; Christian Booth; Ranganathan Srikanth	342D
5/14/2014	10:15AM-11:30AM	Breakout	DCIM-B362	JitJea: A Windows 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.	Jeffrey Snover	Hilton L2 Ballrm D
5/14/2014	10:15AM-11:30AM	Breakout	DCIM-B381	Overview and Enhancements in Microsoft System Center 2012 R2 Operations Manager	This session provides an overview of the most stable enterprise monitoring product available today and the new innovations that arrived in R2 and since. This session also features a panel discussion with members of the System Center Product Group.	Charlie Satterfield; Daniel Savage; Lloyd Giberson	General Assembly B
5/14/2014	10:15AM-11:30AM	Breakout	DCIM-B386	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.	Mark Minasi; Mark Russinovich	Grand Ballrm B
5/14/2014	10:15AM-11:30AM	Breakout	DCIM-B415	Microsoft System Center 2012 R2 Operations Manager: Mastering Historical Monitoring Data	Many monitoring metrics can be used to analyze your infrastructure. Want to know how user activities impact your LOB applications? Need to plan future capacity? Think of moving to the cloud? There is no reason to allow blind guessing where knowledgeable decision can be made. In this session, learn how to collect and analyze historical monitoring data of any kind. The discussion includes methods and demonstrations of using both standard (performance, state, events, alerts) and non-standard types of data. You'll also discover many tricks that will help you to understand the specialties of System Center 2012 R2 Operations Manager monitoring data.	Oleg Kapustin	Grand Ballrm C
5/14/2014	10:15AM-11:30AM	Breakout	DEV-B335	Using the Cloud-Based Load Testing Service and Application Insights to Find Scale and Performance Bottlenecks in Your 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.	Vibhor Agarwal	332A
5/14/2014	10:15AM-11:30AM	Breakout	DEV-B340	Building Beautiful Applications Using Blend and Visual Studio for XAML Applications	In this session, we show some of the new features in Visual Studio 2013 Update 2 for building XAML applications. We take a look at the toolset that helps you build awesome XAML applications across Windows Store, Windows Phone and WPF. We explore the concept of shared projects, support for Windows Runtime (WinRT) types and XAML in portable class libraries, and the end-to-end developer experience for building a converged app. We also highlight the key enhancements we have made to the code, XAML authoring, Debugging and Diagnostics experiences in Visual Studio and Blend for XAML development.	Harikrishna Mennon Ajith Kumar	310A
5/14/2014	10:15AM-11:30AM	Breakout	DEV-B341	Using Big Data to Advance Your Cloud Service + Device Solutions	As more powerful devices and sensors are connected to the cloud, developers have the opportunity to leverage big data in the development and operations of their cloud + device solutions. In this session, we explain how you can start using big data analytics to integrate continuous user feedback into your development process, deliver advanced personalized services, and discover new opportunities in the Internet of Things. We also walk through the steps of incorporating big data tools such as HDInsight, Hive and Storm/Kafka into a typical cloud service.	Wenming Ye	Hilton L2 Ballrm C
5/14/2014	10:15AM-11:30AM	Breakout	DEV-B369	What's New for Microsoft Azure Developers in Visual Studio 2013 Update 2 and Azure SDK 2.3	Microsoft Visual Studio 2013 provides you with the best tools to build and diagnose cloud applications that run on Microsoft Azure. In this session, see the latest tests for Azure developers inside Visual Studio 2013 and the Microsoft Azure SDK 2.3. Get an overview of the tools that help you accelerate building applications that target Microsoft Azure Web Sites, Virtual Machines, Cloud Services, and Mobile Services for .NET and Node.js. You also get an overview of the Microsoft Azure tools in Visual Studio 2013 Server Explorer that help you visualize, modify, and troubleshoot interactions between your app and service resources. We even show you how to use power tools like the remote debugger.	Dan Fernandez	370A

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5/14/2014	10:15AM-11:30AM	Breakout	OFC-B249	Working with the Microsoft Business Intelligence Ecosystem	You've seen what Microsoft's Business Intelligence technologies can do. From lightning fast data mashups to dynamic reports to natural language queries. The question now is, "How do I get it to work for me?" That's what this session is all about. It shows you what's behind those impressive demonstrations, how they work, and what you need to do to get this dizzying array of products to work for you. This session outlines and positions the capabilities of the various BI products and discusses the architectural options. We then dive into some of the more common pitfalls, how to avoid them, and finish up with a few tips and tricks.	John White	381A
5/14/2014	10:15AM-11:30AM	Breakout	OFC-B250	Multi-Factor Authentication for Microsoft Office 365	Multi-Factor Authentication is where a user is required to provide an account password and another form of authentication to sign-in. Office 365 now includes support for Multi-Factor Authentication where the second factor for authentication is a Cell Phone. This session describes how Office 365 customers can take advantage of Multi-Factor Authentication. It covers configuration, enrollment, and usage by users who are enabled for Multi-Factor Authentication. Best practices are included for Administrative accounts and for Office 365 assigned users, in addition to details of sign-in for Office 365 web-based applications and Office rich client applications.	Franklin Williams; Paul Andrew; Shawn Bishop	361A
5/14/2014	10:15AM-11:30AM	Breakout	OFC-B321	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	362A
5/14/2014	10:15AM-11:30AM	Breakout	OFC-B342	Microsoft Lync Remote PowerShell and Reporting	Windows PowerShell provides a single management interface for provisioning and configuring Windows software and systems, both on-premises and online. This session demonstrates the recently release Remote PowerShell for Lync Online as well as online reporting capabilities through the Microsoft Office 365 admin center. The session covers the core functionality of both and highlights the enhancements that have taken place over the past year. We show you how you can use Remote PowerShell to: fine tune conferencing policies; manage Lync Online and Office 365 within a single session; review how many licenses have been allocated; make changes to individual users, expand to groups or your entire user base; block communications with specific domains; and produce high-level usage reports.	Barry Castle; Jared Zhang	350D
5/14/2014	10:15AM-11:30AM	Breakout	OFC-B343	Software-Defined Networking: An Overview for Unified Communications	Software Defined Networking (SDN) is changing the way enterprises think about their network infrastructure. In this session, we review Microsoft strategy and investments in SDN, the applicability to Unified Communications and the standardization efforts underway across key industry leaders. Finally, we explore how SDN plays a critical role in UC for automating network functions such as QoS, diagnostics, traffic engineering and security.	Jamie Stark	340
5/14/2014	10:15AM-11:30AM	Breakout	PCIT-B322	Deploying and Managing Work Folders	This session provides a deep dive for the management and deployment of the new Enterprise Client Sync capabilities in Windows. Enterprise Client Sync allows information workers to have their files available to them on all their devices, wherever they are and however they are connected while providing IT governance control. In this session we review the various deployment models, how administrators manage Enterprise Client Sync and how users enable sync on their devices. In addition, we examine the user and data lifecycle.	Gene Chellis; Jian (Jane) Yan	360A
5/14/2014	10:15AM-11:30AM	Breakout	PCIT-B325	Protecting Your Corporate Data with Microsoft System Center Configuration Manager and Windows Intune	This session takes you through the capabilities provided by System Center 2012 R2 Configuration Manager and Windows Intune to help protect your corporate data. From mobile device compliance settings, wrapping applications with specific policies, to our data center certifications and privacy controls, find out how Configuration Manager and Windows Intune can help provide the governance and control that your high priority business information requires.	Aseem Kohli; Dilip Radhakrishnan; Martin Booth	351A
5/14/2014	10:15AM-11:30AM	Breakout	WIN-B217	Deploying and Managing Enterprise Apps on 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 sideloading and sideloaded apps in Windows 8.1, 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.	Matthijs Hoekstra	382A
5/14/2014	10:15AM-11:30AM	Breakout	WIN-B351	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.	Erdal Ozkaya; Raymond Comvalius	General Assembly A
5/14/2014	10:15AM-11:30AM	Breakout	WIN-B413	Windows Performance Deep Dive Troubleshooting	Learn about the tools used by Microsoft when they need to test the Windows Performance. Want to improve performance for computers that are starting slowly? Need to diagnose and fix problems caused by resource-hogging apps? Join us for a deep dive on the free Windows Performance Toolkit (WPT), Windows Assessment Services (WAS) part of the Assessment and Deployment Toolkit (ADK), developed to help you troubleshoot and resolve these issues. Download the toolkit, and get ready to tackle performance issues that can impact organizations of all sizes running Windows Vista, Windows 7, and Windows 8.	Milad Aslaner; Yong Rhee	Grand Ballrm A
5/14/2014	10:15AM-11:30AM	Exam Prep	EXM10	Exam Prep: 70-413 and 70-414 - MCSE: Server Infrastructure	This Exam Prep session is designed for people experienced with Windows Server 2012 who are interested in taking the 70-413 (Designing and Implementing a Server Infrastructure) and 70-414 (Implementing an Advanced Server Infrastructure) exams. These exams are required for the new MCSE: Server Infrastructure on Windows Server 2012 certification. Attendees of this session can expect to review the topics covered in these exams in a fast-paced format, as well as receive some valuable test taking techniques. Attendees will leave with an understanding of how Microsoft certification works, the key topics covered in the exams, and an exhaustive look at resources for getting ready for the exam. The session is led by a Microsoft Certified Trainer (MCT), experienced in delivering sessions on these topics.	Ryan Sokolowski	Hilton L2 Ballrm F
5/14/2014	10:15AM-11:30AM	Instructor-led Lab	DBI-IL300	Exploring Power BI in Microsoft Office 365	In this lab, learn about how to use Power BI for Office 365. By the end of this lab you'll have a clear understanding of the Power BI integration in Office 365, and you'll understand how to consume Power BI workbooks through Office 365. You'll also learn about authoring and integration with the Power BI Mobile app.	Peter Myers	Hall E ILL Room 2
5/14/2014	10:15AM-11:30AM	Instructor-led Lab	DCIM-IL210-R	Introduction to Microsoft Azure Virtual Machines (repeated from May 12 at 4:45pm)	Using Microsoft Azure as your Infrastructure as a Service (IaaS) platform, will enable you to create and manage your infrastructure quickly, provisioning and accessing any host ubiquitously. Grow your business through the cloud-based infrastructure, reducing the costs of licensing, provisioning and backup. In this instructor-led lab, learn how to deploy a simple ASP.NET MVC 4 Web application to a Web server hosted in Azure, using SQL Server and configuring load balancing.	Tony Meleg	Hall E ILL Room 4
5/14/2014	10:15AM-11:30AM	Instructor-led Lab	PCIT-IL303-R	Troubleshooting Active Directory Replication Errors (repeated from May 12 at 4:45pm)	This lab walks through the troubleshooting, analysis, and implementation phases of commonly encountered Active Directory Replication errors. Use ADREPLSTATUS, repadmin.exe, and Windows PowerShell to troubleshoot a four DC, two-domain environment.	Justin Turner	Hall E ILL Room 1
5/14/2014	10:15AM-11:30AM	Instructor-led Lab	PCIT-IL308	Migrating from Configuration Manager 2007 to Microsoft 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.	Wally Mead	Hall E ILL Room 3
5/14/2014	11:45AM-1:15PM	WIT Lunch	WIT01	WOMEN IN TECHNOLOGY LUNCHEON Breakthrough: Overcoming Obstacles to Success	Career obstacles can come in many forms, both internal and external. Overcoming those obstacles requires an ability to envision what's possible. Join us for a panel discussion centered on breaking through barriers to success and achieving the unexpected. The panel will feature speakers from Microsoft and other organizations talking about their experiences confronting the particular obstacles to a career in technology. Come hear how our panelists achieved their goals.	Kimberly Johnson; Lindsay Berg; Lori Lamkin; Vanessa Kenon	Hilton L4 Grand Ballrm ABC

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Date	Time	Session Type	Code	Title	Abstract	Speaker	Room
5/14/2014	1:30PM-2:45PM	Breakout	DBI-B312	Solving Complex Business Problems with DAX	DAX (Data Analysis eXpressions) formulas are at the core of every analytical application, whether you use Microsoft Excel to create a PowerPivot workbook or Visual Studio to create Microsoft SQL Server Analysis Services tabular models. In this demo-heavy session, we dive deep into several more complex DAX solutions that will help you solve some common business problems like running totals, year-over-year comparison, sales predictions, 4-5-4 calendars, automatic time filters, and tool tables. In this level 400 session we take a look at what is actually happening inside the Power Pivot formula engine and how we get to the result, mostly looking at evaluation context.	Kasper de Jonge	330
5/14/2014	1:30PM-2:45PM	Breakout	DBI-B334	SQL Server on Microsoft Azure Virtual Machines: The Important Details	Microsoft Azure Virtual Machines is a robust infrastructure for Microsoft SQL Server, providing the full benefits of infrastructure-as-a-service offering in Microsoft data centers. SQL Server in a Microsoft Azure Virtual Machine enable both low overall TCO and an efficient platform for enterprise level workloads. This session examines the critical facets beyond the mere provision of the SQL VM, and look at the characteristics and considerations for tuning, optimizing, and the key indicators for monitoring performance. We look at special consideration for High-Availability and Disaster Recovery, and pay a little special attention to scalability.	Scott Klein; Thomas LaRock	350D
5/14/2014	1:30PM-2:45PM	Breakout	DBI-B385	Microsoft SQL Server 2014: In-Memory OLTP for Database Administrators	SQL Server 2014 introduces in-memory technology for optimizing OLTP workloads. In this DBA-focused session we take a deep dive into how in-memory tables and indexes are managed in memory and on storage. You also learn how to provision and control memory usage, how durability and high availability is achieved, and how these constructs and operations are integrated together with disk-based tables to provide you a seamless experience.	Sunil Agarwal	371A
5/14/2014	1:30PM-2:45PM	Breakout	DCIM-B213	TWC: Pass-the-Hash and Credential Theft Mitigation Architectures	Trying to defend against pass the hash (Pth) attacks on your Active Directory? Worried it's hard to implement or may make AD Admin work difficult? Come learn about the architectural approaches used by Microsoft Cybersecurity Services team to help our customers defend against credential theft attacks like pass the hash. We share how we use a tiered trust model, how we establish known-good administrative hosts, leverage an administrative forest for additional assurance, integrate the new Windows credential theft mitigation features, and how we focus on administrator usability to enhance security.	Mark Simos; Nicholas DiCola	General Assembly A
5/14/2014	1:30PM-2:45PM	Breakout	DCIM-B291	Windows and Microsoft Azure Centric Data Management	Learn how Microsoft and CommVault can 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-premise 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 Office 365, Microsoft SharePoint, Hyper-V including migration of VMware to Hyper-V, SQL, 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-premise and Azure (cloud hosted) environments.	David Ngo; Lenny Daniele; Mike Opal; Randy De Meno	340
5/14/2014	1:30PM-2:45PM	Breakout	DCIM-B305	What's New in Microsoft Azure Networking	This session provides an overview of networking technologies in 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.	Yousef Khalidi	Hilton L2 Ballrm C
5/14/2014	1:30PM-2:45PM	Breakout	DCIM-B356	Running Linux and FreeBSD on Windows Server Hyper-V: What You Need to Know	You probably know that Hyper-V can run Linux and FreeBSD as guest operating systems. But how do you set up Linux or FreeBSD to work? What Linux distros are supported? Where do the Linux Integration Services (LIS) and BSD Integration Services (BIS) come from? What performance can you expect? What new features are supported with the 2012 R2 release, and how do they compare against other hypervisors? All these questions and more are answered in this session. Learn about the great story for Linux and FreeBSD on Hyper-V so that you can confidently engage your IT organization in using Hyper-V for these heterogeneous workloads.	Abhishek Gupta; Michael Kelley	Hilton L2 Ballrm D
5/14/2014	1:30PM-2:45PM	Breakout	DCIM-B357	StorSimple: Enabling Microsoft Azure Cloud Storage for Enterprise Workloads	With the complexity and growth of storage in enterprise datacenters, the need for simplified storage infrastructure and management while reducing costs is essential. Join this session to learn how StorSimple can enable the use of Microsoft Azure Cloud Storage for enterprise workloads, delivering the benefits of cloud economics, and a simplified storage architecture by automatically tiering large amounts of data to the Azure cloud.	Jai Desai ; Meghan Liese	351A
5/14/2014	1:30PM-2:45PM	Breakout	DCIM-B358	The Agile End-to-End Story for Developers and IT Professionals	This session takes a deep dive showing the integration between Microsoft Visual Studio 2013 and Microsoft System Center, allowing for Agile infrastructure deployment and monitoring, resulting in Agile development. IT professionals and developers will be able to take advantage of the move to a cloud infrastructure, for QA and Production environments. We cover: Utilizing Visual Studio 2013 Lab Management Environments, System Center Virtual Machine Manager (VMM) Templates and System Center Operations Manager Application Performance Monitoring, IT professionals and developers can work together to move towards a dynamic environment.	Morgan Webb	Hilton L2 Ballrm A
5/14/2014	1:30PM-2:45PM	Breakout	DCIM-B416	Microsoft System Center 2012 R2: Continual Availability in the Datacenter	Keep your services online by using System Center 2012 R2 high-availability features to dynamically and automatically manage your highly-virtualized datacenter. Attend this session and learn how System Center can leverage such technologies as service templates, clustering, load balancing, infrastructure monitoring, bare-metal deployment, VMware management, application performance monitoring, crash recovery automation, and service continuity through Microsoft Azure. This session explores many new features in Virtual Machine Manager (VMM), Data Protection Manager, Operations Manager and Orchestrator.	Annur Sumar; Symon Perriman	General Assembly C
5/14/2014	1:30PM-2:45PM	Breakout	DEV-B222	Rapidly Detect Application Outages with Visual Studio Online Application Insights	Cloud hosting and geo distribution takes the challenge of the problems that cause the "works at my desk" phenomenon to a whole new level. In this session we show you how Visual Studio Online Application Insights can tell you proactively whether your application is available and performing from around the world—usually before your customers even realize there is an issue.	Vlad Joanovic	360A
5/14/2014	1:30PM-2:45PM	Breakout	DEV-B327	Windows Desktop Development: A Panel Discussion	Come talk desktop development with the product teams. Meet members of the teams and ask your desktop development questions about C++, Windows Presentation Foundation (WPF), Microsoft .NET, and more.	Chipalo Street; Dmitry Lyalin; Eric Battalio; Hamid Mahmood; Joe Stegman; Tim Heuer	381A
5/14/2014	1:30PM-2:45PM	Breakout	DEV-B344	Building Web Apps and Mobile Apps Using Microsoft Azure Active Directory for Identity Management	Business applications on the web and on mobile devices need to be able to sign-in business users and navigate the organizational hierarchy. In this session, join us for a deep dive on how to build web apps, web APIs, and mobile apps on Windows, iOS, and Android that can use Azure Active Directory for identity management through OAuth, OpenID Connect, and the Graph API. Topics include single sign on, multi-factor authentication, and how to query and extend the directory. Both enterprise (single tenant) and Software as a Service (multi-tenant) scenarios are discussed.	Edward Wu; Vittorio Bertocci	370A
5/14/2014	1:30PM-2:45PM	Breakout	DEV-B345	High-Volume, Low Latency Mobile Push Notifications	Notification Hubs is the perfect solution for your pushing needs whether you're building apps for Windows Store, Windows Phone, iOS, or Android. You get great capabilities like managed device tracking, tag based push, templated notifications, all at scale. This session walks you through how you can use Notification Hubs, regardless of whether you're storing the rest of your data in the cloud, as well as advanced features like location-driven push and cross-platform pushes.	Chris Risner	342D

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5/14/2014	1:30PM-2:45PM	Breakout	DEV-B348	Practical DevOps for Datacenter Efficiency	Are your software releases inconsistent, infrequent, and unreliable? Can you deploy software at the rate demanded by your stakeholders? A key aspect of DevOps is aligning people, processes, and technology towards efficient releases through collaboration and automation. Thanks to a new crop of tools that are increasingly embracing Windows and Microsoft Azure, there has never been a better time to introduce advanced automation to your release process. This session explores the state of DevOps, and walks through example cloud deployments using a wide range of popular technologies such as Puppet and Microsoft System Center.	Richard Seroter	352D
5/14/2014	1:30PM-2:45PM	Breakout	DEV-B388	Use OData to Get More from Microsoft Office and Power BI	Information workers and developers alike want more data and more value from their existing Office investments. In this session we focus on how the OData protocol connects a variety of servers and clients. We build client applications that enable you to access and modify data in SharePoint and Power BI. We build server applications that can be consumed by Power Query and Excel. You'll gain a better understanding of how the OData protocol makes all of this possible, as well as a solid understanding of the current OData servers and clients.	Mark Stafford	361A
5/14/2014	1:30PM-2:45PM	Breakout	DEV-B417	Entity Framework: Building Applications with Entity Framework 6	In this session we explore the features available in Entity Framework, including the latest EF 6.1 release. See how these features can be used to build and test applications, including integration with other technologies and third-party frameworks for dependency injection, testing, logging, etc. We also take a look at demos of some new features that the EF team is currently working on.	Rowan Miller	Grand Ballrm B
5/14/2014	1:30PM-2:45PM	Breakout	OFC-B235	How to Become a Yammer Power User in 75 Minutes	The Yammer Power User is the foundation of enterprise social networking, assisting their organization by strengthening engagement. This session showcases advanced skills for creating groups and notes, managing information through the use of topics, bookmarks, notifications, and using Yammer apps. After 75 minutes, you will lead effective information sharing by nurturing a culture of powerful use of social in your enterprise.	Allison Michels	310A
5/14/2014	1:30PM-2:45PM	Breakout	OFC-B253	Managing Projects Just Got Easier with Microsoft Project Pro for Office 365	Discover how Project Professional and Microsoft Office 365 apps can help you manage projects, resources, and schedules, and collaborate seamlessly on project teams.	Brian Smith	362A
5/14/2014	1:30PM-2:45PM	Breakout	OFC-B322	Protecting Your Organization with Microsoft Exchange Online Protection (EOP)	In this session, we show how Exchange Online Protection (EOP) can be used to protect against spam, malware, viruses, etc. Discover the new features of EOP and how they can be used by your organization. Learn how to get started with Exchange Online Protection to protect against malicious attacks. We start from scratch and deploy EOP to prepare against such attacks. Also learn some of the best practices for deploying and using EOP from the people who handle it every day.	Andrew Stobart	Grand Ballrm C
5/14/2014	1:30PM-2:45PM	Breakout	OFC-B417	Technical Deep-Dive into Lync-Skype Video	Lync-Skype Connectivity is foundational to delivering on our promise to connect enterprise to consumers around the world. In this session we cover the configuration basics, a technical deep dive, best practices around key use cases, and share the very latest news about Lync-Skype Phase 2 with video.	Barry Castle; Derek Whittle	320A
5/14/2014	1:30PM-2:45PM	Breakout	PCIT-B332	Securely Collaborating with Anyone, Everywhere, with the New RMS	The new Microsoft Rights Management services (RMS) enables customers to protect their most sensitive information, but a big part of the value of RMS comes from enabling secure collaboration between organizations. For collaboration to be seamless, every user, everywhere, and from any device must be able to open content they have rights to. With the new RMS we enable this by supporting secure collaboration with any organization or individual, on any of the popular platforms and devices, and in any file format. In this session we demonstrate the experience for each of these scenarios, including RMS on Android, iOS, and Windows Phone, explain any existing constraints, and describe the roadmap for this exciting space.	Enrique Saggese	332A
5/14/2014	1:30PM-2:45PM	Breakout	WIN-B216	Leverage Existing Web Code and Lighting Up Windows Features	We are going to show a web app written with Angular and Node.js integrating with Windows. Learn how to take advantage of Live Tiles, Sharing contracts with only metadata. See how you can leverage device functionality and APIs while still keeping the majority of your code on the web.	Kevin Hill	382A
5/14/2014	1:30PM-2:45PM	Breakout	WIN-B224	Windows Runtime for Windows Phone Developers	The Windows Runtime now provides the foundation for both Windows and Windows Phone apps, providing developers with thousands of APIs to build innovative experiences. In this session we explore the Windows Runtime from the perspective of a Windows Phone developer. We compare and contrast Windows Phone Silverlight apps with those written using the Windows Runtime.	Jerry Nixon	372A
5/14/2014	1:30PM-2:45PM	Breakout	WIN-B341	Windows RT 8.1 in the Enterprise	In this session, we look at how Windows RT 8.1 can be used in enterprise environments, including new enterprise-focused functionality in several areas (including manageability and connectivity) that makes this easier than before. We focus on technical discussions, along with positioning Windows RT alongside other Windows-based devices.	Michael Niehaus	Grand Ballrm A
5/14/2014	1:30PM-2:45PM	Breakout	WIN-B342	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.	Andrew Bettany; Milad Aslaner	General Assembly B
5/14/2014	1:30PM-2:45PM	Exam Prep	EXM11	Exam Prep: 70-415 and 70-416 - MCSE: Desktop Infrastructure	This Exam Prep session is designed for people experienced with Windows Server 2012 who are interested in taking the 70-415 (Implementing a Desktop Infrastructure) and 70-416 (Implementing Desktop Application Environments) exams. These exams are required for the new MCSE: Desktop Infrastructure on Windows Server 2012 certification. Attendees of this session can expect to review the topics covered in these exams in a fast-paced format, as well as receive some valuable test taking techniques. Attendees will leave with an understanding of how Microsoft certification works, the key topics covered in the exams, and an exhaustive look at resources for getting ready for the exam. The session is led by a Microsoft Certified Trainer (MCT), experienced in delivering sessions on these topics.	Alfred Ojukwu	Hilton L2 Ballrm F
5/14/2014	1:30PM-2:45PM	Instructor-led Lab	DCIM-IL300-R	Configuring Networking with Microsoft System Center 2012 R2 Virtual Machine Manager (repeated from May 13 at 10:15am)	This lab provides a guided overview of configuring a multi-tenant network environment through System Center 2012 R2.	Matt McSpirit	Hall E ILL Room 1
5/14/2014	1:30PM-2:45PM	Instructor-led Lab	DCIM-IL303-RR	Exploring Virtualization with Windows Server 2012 R2 Hyper-V (repeated from May 12 at 4:45pm)	This lab provides a guided overview of new capabilities in Windows Server 2012 R2 Hyper-V, including Hyper-V Replica.	Andrew Zeller	Hall E ILL Room 2
5/14/2014	1:30PM-2:45PM	Instructor-led Lab	DCIM-IL304-R	Introducing Windows Azure Pack (repeated from May 13 at 10:15am)	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, delve into 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.	Michael Leworthy	Hall E ILL Room 4

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5/14/2014	1:30PM-2:45PM	Instructor-led Lab	PCIT-IL300	Deploying Windows 8.1 to Bare Metal Clients (repeats on May 15 at 1:00pm)	Microsoft has recently released a new version of Windows, Windows 8.1. Deployment of Windows 8.1 using Microsoft System Center 2012 R2 Configuration Manager 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. 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 deploy Windows 8.1 to a bare metal system.	Wally Mead	Hall E ILL Room 3
5/14/2014	3:15PM-4:30PM	Breakout	DBI-B315	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	372A
5/14/2014	3:15PM-4:30PM	Breakout	DBI-B323	Power Query in Modern Corporate BI	In a Corporate BI environment, it is common having data available in controlled data sources such as Data Warehouse, relational Data Marts, and Analysis Services cubes. Consuming this data with self-service BI is very useful, but how do you manage and validate the access to corporate data sources? How do you share and validate new queries created by end users? How can users extract data at the right granularity level? Power Query bridges the gap between corporate and self-service BI. It empowers end-users so that they can extract and manipulate data from several data sources, inside and outside of the company. In this session, learn the Power Query best practices that enable the extraction of data from existing database and cubes, guided by an expert who understands both worlds (Corporate BI and Power Pivot data models).	Marco Russo	330
5/14/2014	3:15PM-4:30PM	Breakout	DBI-B328	From Zero to Data Insights Using HDInsight on Microsoft Azure	Microsoft Azure HDInsight enables you to embrace Hadoop with seamless management of any type or size of data. The Microsoft Big Data and BI platforms enable data enrichment through discovery and advanced analytics so all users can easily gain and act on insights from all of their data, structured or unstructured, via familiar tools such as Microsoft Excel and the Power Suite. We walk through an end-to-end story, showcasing an example that includes how to provision a Hadoop cluster on Microsoft Azure in minutes, load data to the persistent Azure blob store, cleanse data with Pig, add structure with Hive, orchestrate workflows with Oozie, and gain insights via Excel.	Brian Mitchell	360A
5/14/2014	3:15PM-4:30PM	Breakout	DCIM-B216	TWC: Securing Your Business: Getting the Most from Your Premier Services	Microsoft Premier Services offer the latest, best practices guidance, workshops, and hands-on work to help you securely defend and operate your Microsoft infrastructure. This session is presented by the same technical experts who help design and deliver these services. We present an overview of the Service Families that we deliver across Assessments, Education, Remediation and Implementation, and then some details on a number of security-focused services: A GBSec Security Support Case, Persistent Adversary Detection Service (PADS), Microsoft Security Risk Assessment (MSRA), Active Directory Security Assessment (ADSA), Active Directory Recovery Execution Service (ADRES), Window Server Security Assessment (formerly Security Health Check), Securing Local Account Movement (SLAM for pass-the-hash and credential theft defense), Securing Windows Server 2012 (and earlier) workshop, EMET support, Incident Response Workshop, Windows Rights Management Services (RMS) workshop and how to use Remote Advisory requests for other topics. We also explain how to fund these services with the different types of Premier support hours available, such as Support Assistance, Problem Resolution, and Software Assurance benefits.	Joe Patterson ; Neil Carpenter; Steven Dodson; William Dixon	370A
5/14/2014	3:15PM-4:30PM	Breakout	DCIM-B304	Using Windows Azure Pack to Bring the Cloud On-Premises	Windows Azure Pack and Azure Web Sites provides businesses with the ability to setup their own on-premise web-hosting cloud infrastructure, which opens the door to building enterprise-class line-of-business web applications that seamlessly integrate with the corporate environment. This presentation explores developing, running and managing business web applications on Azure Web Sites and Azure Pack.	Stefan Schackow	361A
5/14/2014	3:15PM-4:30PM	Breakout	DCIM-B306	Public Cloud Security: Surviving in a Hostile Multi-Tenant Environment	The rise of public cloud computing has brought with it a new set of security considerations that are not widely understood. With a unique perspective from working on the security systems of a public cloud, Mark describes public cloud service provider and cloud customer threats, including malicious insiders, shared technology, data breaches, and data loss. For each, he assesses the risks and explores the value of mitigations like encryption-at-rest, encryption-in-flight, and other security best practices, separating hype from reality so that you can make educated decisions as your organization moves to the cloud.	Mark Russinovich	Grand Ballrm C
5/14/2014	3:15PM-4:30PM	Breakout	DCIM-B360	Key Metric, Performance, and Capacity Monitoring Using Microsoft System Center 2012 R2 Operations Manager	In this session, we take a look at important performance metrics to look at when monitoring your Hyper-V 2012 environment. Pinpoint the specific counters, spot trends, and detect performance bottlenecks. We take a look at how to effectively use Resource Monitor and System Center Operations Manager to troubleshoot performance issues. We also cover some of the new performance metrics in Windows Server 2012 R2.	Raymond Chou	Grand Ballrm A
5/14/2014	3:15PM-4:30PM	Breakout	DCIM-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.	Hasain Alshakarti; Marcus Murray	General Assembly A
5/14/2014	3:15PM-4:30PM	Breakout	DCIM-B418	Windows PowerShell Best Practices and Patterns: Time to Get Serious	Windows PowerShell has found a place in our environments as a tool for automation—but are you using it in a way that's sustainable, supportable, and maintainable? Many Windows PowerShell scripters lack formal programming education, and can often produce code that isn't really well-suited to being a mission-critical part of the infrastructure. Change all that after attending this session. Based on results from the 2013 Scripting Games and a summer-long community engagement, this session presents the practices and patterns that the Windows PowerShell community has identified as the most important for creating stable, performant scripts and tools. See examples of poor practices, along with community-endorsed alternatives that will help your shell scripts be as professional as possible.	Don Jones	Grand Ballrm B
5/14/2014	3:15PM-4:30PM	Breakout	DEV-B226	Rich Extensions to SharePoint Applications Using Microsoft Access	This session delves into how to build, test, and deploy Apps for Microsoft Office that work in Microsoft Excel and Access. This session also includes a discussion around private and public distribution, including selling Apps for Access in the Office Store.	Andrew Johnson; Gary Devendorf	320A
5/14/2014	3:15PM-4:30PM	Breakout	DEV-B229	Deep Dive into Developing Advanced Microsoft SharePoint Applications Using Third-Party JavaScript Libraries	SharePoint 2013 enables developers to create SharePoint Apps that run on the client side in the browser. In this session, learn how to build a SharePoint App using the popular presentation framework AngularJS. We cover how to best structure your projects and leverage the SharePoint REST API and CSOM to create a great experience for your users, all without refreshing the page! In addition, see how to leverage the popular BreezeJS client-side data library to make working with the SharePoint REST API a... well... a breeze!	Andrew Connell; Jeremy Thake	Hilton L2 Ballrm A
5/14/2014	3:15PM-4:30PM	Breakout	DEV-B349	A Practical View of Release Management for Visual Studio 2013	This session provides a detailed technical presentation of the functionality and architecture of Release Management for Visual Studio 2013. 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 the mechanism to manage variables across environments, how to include manual intervention, automated tests and rollbacks as part of a deployment, how to trigger release as part of a build, how to leverage logs to diagnose failed releases, and finally how to add custom actions to the inventory. These are presented through specific scenarios encountered in the field.	Claude Remillard; Donovan Brown	Hilton L2 Ballrm C

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Date	Time	Session Type	Code	Title	Abstract	Speaker	Room
5/14/2014	3:15PM-4:30PM	Breakout	DEV-B350	Building Maintainable Windows Store Business Applications Using C#, XAML, and Prism	Learn how to build Windows Store business apps that validate user input for correctness, provides a live tile to make the app inviting to your customers, manages app data and provide a great touch experience that also work well with both a keyboard and a mouse. Because these types of apps are built to change and built to last, we demonstrate how to implement patterns such as Model-View-ViewModel that help with navigation, suspend, resume, and terminate, and also provide guidance on how to create unit tests. This presentation is based upon the AdventureWorks reference implementation that uses the Prism library to demonstrate how to create a great Windows Store 8.1 app that can also be localized and made accessible.	Blaine Wastell; Francis Cheung	381A
5/14/2014	3:15PM-4:30PM	Breakout	DEV-B351	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.	Josh Twist	332A
5/14/2014	3:15PM-4:30PM	Breakout	DEV-B366	Diagnosing Issues in Production Environments with Visual Studio 2013	Did you know that you can use Visual Studio to diagnose issues in your production environments? In this session, learn how to collect diagnostic data from your production machines, and bring it back to your development environment to explore in Visual Studio. Using lots of demos, we cover both the standalone tools Microsoft Visual Studio 2013 includes, and also the tools that work in conjunction with Microsoft's new Application Insights service. Learn about new features in Visual Studio 2013, as well as how to make the most of existing features in older versions.	Andrew Hall	362A
5/14/2014	3:15PM-4:30PM	Breakout	DEV-B418	Performance Optimize Your ASP.NET Web App	This session dives deep into practical and real-world examples and war stories of optimizing ASP.NET applications. See how to use features within IIS and ASP.NET to measure and adjust both new and existing web applications. We also focus on optimizing the communication between the browser and the web server, on the wire, where some of the greatest performance gains can be achieved. You'll leave with practical, pragmatic, and specific tips you can put into practice on the flight home!	Mads Kristensen	Hilton L2 Ballrm D
5/14/2014	3:15PM-4:30PM	Breakout	OFC-B256	Search Driven Publishing and Portals in Microsoft SharePoint Online	Search-driven publishing is alive in SharePoint Online! This includes the Content Search Web Part (CSWP) and Cross-Site Collection Publishing—both enhance the number and quality of search-driven solutions you can build into your sites and portals within Office 365. This session provides an overview of these new building blocks, provides best practices, and focuses on how to optimize page load times with queries and take advantage of a new caching mechanism in the CSWP. Your sites will come alive, be dynamic, and change the way you provide 'fresh' content to your users.	Alex Pope; Helge Solheim	310A
5/14/2014	3:15PM-4:30PM	Breakout	OFC-B258	From Waves to Ripples: Microsoft Office 365 Change Management	Learn about the agile release cadence for the Office 365 and the channels for sharing new features with our customers.	Jake Zborowski	342D
5/14/2014	3:15PM-4:30PM	Breakout	OFC-B324	Preserve, Delete, and Archive in Microsoft Office	Hold the mail you want to keep, expire the mail you don't. Designing good retention policies that contain the right tags to enforce the desired deletion or archiving behavior can be difficult, especially if you don't understand what happens when the Managed Folder Assistant (MFA) runs to process the policies. This session explains how to Preserve, Delete and Archive in Exchange.	Bharat Suneja; Zohaib Ali	371A
5/14/2014	3:15PM-4:30PM	Breakout	OFC-B325	Understanding How Microsoft Lync Server 2013 Leverages the Complete Microsoft Infrastructure Ecosystem	Learn about how Lync connects to and leverages key Microsoft technologies, driving efficiency through infrastructure and skills re-use.	Justin Morris	350D
5/14/2014	3:15PM-4:30PM	Breakout	PCIT-B213	Access Control in BYOD and Directory Integration in a Hybrid Identity Infrastructure	This session is based on the Active Directory Federation Services (AD FS) in Windows Server 2012 R2. It includes an overview of the new practical applications of this version of AD FS, including enabling users to access resources on their personal devices from anywhere and the enhanced access control risk management tools. It also includes an overview and a demo of the use of AD FS in hybrid-based directory synchronization with single sign-on solutions.	Gayana Bagdasaryan	352D
5/14/2014	3:15PM-4:30PM	Breakout	PCIT-B327	Introducing Web Application Proxy in Windows Server 2012 R2: Enable Work from Anywhere	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. The Web Application Proxy, a new role service in Windows Server 2012 R2, in conjunction with Active Directory Federation Services (AD FS), allows 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 about the Web Application Proxy including how internal web resources are made available to the Internet, how it relies on AD FS for edge pre-authentication and authorization and how different types of resources and clients (e.g., browser-based, rich clients-based, Office) operate with the Web Application Proxy for access control. After this session you will know how it addresses your concerns of enabling productivity from anywhere in an easy and secure way.	Shai Kariv	351A
5/14/2014	3:15PM-4:30PM	Breakout	WIN-B213	Windows Desktop Development Platform Advancements	Delight users of your desktop apps by taking advantages of touch/pen/mouse/touchpad input, high DPI displays, and rich animations. In this talk for Win32 developers, we cover desktop platform advances in Windows 8.1 Update.	Brian Rasmussen	382A
5/14/2014	3:15PM-4:30PM	Breakout	WIN-B345	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 Australia 2013 and best session by an external speaker at TechEd Europe 2013.	Sami Laiho	General Assembly B
5/14/2014	3:15PM-4:30PM	Breakout	WIN-B346	Building the Perfect Windows 8.1 Image	In this session, learn how to create the perfect, real-world, production ready, master image of Windows 8.1. Learn how Sysprep and the Unattend.xml really work in Windows 8.1. Learn to automate builds of think, hybrid and thick images, what to add to an image, and what not to add. As foundation for creating the master images, Microsoft Deployment Toolkit (MDT) 2013 and Windows Assessment and Deployment Kit (ADK) 8.1 are used. You can expect lots of live demos in this session.	Johan Arwidmark; Mikael Nyström	General Assembly C
5/14/2014	3:15PM-4:30PM	Exam Prep	EXM12	Exam Prep: 70-246 and 70-247 - MCSE: Private Cloud (repeats on May 15 at 8:30am)	This Exam Prep session focuses on what you need to know to get certified and pass the Private Cloud Microsoft Certified Professional exam 70-246 and exam 70-247. The session is led by an expert Microsoft Certified Trainer (MCT) who regularly presents on this topic. The presenter walks you through the objectives that are covered in the exam, gives you some general exam taking tips and technology "gotchas" about System Center 2012. This session will be your last step in getting ready for this exam.	Ryan Sokolowski	Hilton L2 Ballrm F
5/14/2014	3:15PM-4:30PM	Instructor-led Lab	DCIM-IL202	Windows Server 2012 R2: Windows PowerShell Fundamentals (repeats on May 14 at 5:00pm and May 15 at 1:00pm)	This lab provides a guided introduction to Windows PowerShell, which has been greatly enhanced since Windows Server 2012.	Won Huh	Hall E ILL Room 4
5/14/2014	3:15PM-4:30PM	Instructor-led Lab	DCIM-IL301-R	Constructing Your Private Cloud with Windows Server and Microsoft System Center, Part 1 (repeated from May 13 at 3:15pm)	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? And 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 E ILL Room 2

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5/14/2014	3:15PM-4:30PM	Instructor-led Lab	DCIM-IL305	Managing Your Storage with Microsoft System Center 2012 Virtual Machine Manager	This lab provides an overview of Virtual Machine Manager for managing storage within your infrastructure.	Prabu Rambadran	Hall E ILL Room 1
5/14/2014	3:15PM-4:30PM	Instructor-led Lab	PCIT-IL305-R	Basic Software Distribution with Microsoft System Center 2012 R2 Configuration Manager (repeated from May 13 at 5:00pm)	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.	Wally Mead	Hall E ILL Room 3
5/14/2014	5:00PM-6:15PM	Breakout	DCIM-B217	Managing Linux with Windows Server 2012 R2 Hyper-V and Microsoft System Center 2012 R2: For the Windows Administrator	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 Windows 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	361A
5/14/2014	5:00PM-6:15PM	Breakout	DCIM-B333	Distributed File System Replication (DFSR) Scalability Enhancements in Windows Server 2012 R2	The Distributed File System Replication (DFSR) role is widely deployed, but has not seen significant updates in years. Windows Server 2012 R2 adds substantial features to DFSR in order to bring it in line with modern file replication scenarios in the private cloud and enterprise network. In this presentation, Microsoft Engineering briefly re-introduces DFSR concepts and technology, then dives deep into the improved technology architecture and how your environment can benefit from it, to include best practices around virtualization, management, and performance. These include database cloning instead of initial sync, Windows PowerShell, file restoration from conflicts and pre-existing stores, substantial performance tuning options, database recovery content merging, and huge scalability limit changes—watch us reduce initial sync times by 99% in a live demo!	Ned Pyle	General Assembly A
5/14/2014	5:00PM-6:15PM	Breakout	DCIM-B361	Automating Microsoft System Center Deployments with the PowerShell Deployment Toolkit	The PowerShell Deployment Toolkit (PDT) was first unveiled at MMS 2013 and TechEd 2013, and has since become the primary way that both Microsoft and partner consultants deploy Microsoft System Center 2012 R2 from simple proof of concept to complex production environments. This session highlights the developments in PDT since the last release, including highly available service provider scenarios and even a user interface!	Rob Willis	Grand Ballrm A
5/14/2014	5:00PM-6:15PM	Breakout	DCIM-B367	It's the End of the World As You Know It... Windows Server 2003 End of Life: Infrastructure Migration	Are you still supporting infrastructure from 2003? Are you one of those IT Pros that think "If it ain't broke, don't fix it"? I'm sorry to say that End of Life (EOL) is approaching fast (July-2015). Join us in a session where we'll dig into the process of migrating your infrastructure to the latest OS. This demo-intensive session will cover how to migrate various workloads and foundation services like DHCP, DNS, File/Print and more. Migrating is just the beginning... Ongoing management will also be covered. Like the song says, "It's the end of the world as you know it"... But you'll be fine.	Pierre Roman	371A
5/14/2014	5:00PM-6:15PM	Breakout	DCIM-B380	What's New in Windows Server 2012 R2 Hyper-V	Windows Server 2012 Hyper-V set a new bar for virtualization and 2012 R2 Hyper-V increases the lead even further over VMware. This session provides a complete overview of why Windows Server 2012 Hyper-V is the best virtualization platform for server consolidation, key workload support and VDI, as well as the ideal platform for Infrastructure as a Service. We cover networking, storage, interop, and more. We also discuss the other hidden gem, Microsoft Hyper-V Server 2012 R2, and what scenarios it is best for.	Jeff Woolsey	Grand Ballrm B
5/14/2014	5:00PM-6:15PM	Breakout	DCIM-B410	Windows Azure Pack in the Cloud OS vs. OpenStack Solutions	Microsoft Cloud OS front-end Azure Pack, goes head-to-head with shooting star OpenStack, as we uncloak the Clouds. Join us as we compare, contrast, and reveal the best of the nebula.	Damian Flynn	320A
5/14/2014	5:00PM-6:15PM	Breakout	DEV-B225	Open Source Technologies on Microsoft Azure	The Microsoft cloud platform offers more than Windows-based software—there's plenty of support for open source technologies. This session takes a broad look at the open source offerings that Azure provides today. The goal is to give you a big-picture perspective on what the options are and when to use them.	David Chappell	360A
5/14/2014	5:00PM-6:15PM	Breakout	DEV-B353	Building End-to-End Video Experiences with Microsoft Azure Media Services	Azure Media Services is a platform-as-a-service that enables you to build customizable media workflow; you could upload, encode, encrypt, package, and deliver video content to multiple platforms and devices. In this session, see how to consume various services using the Media Services client SDK. We focus on some new features, such as secure delivery options, live streaming, and more.	Mingfei Yan	340
5/14/2014	5:00PM-6:15PM	Breakout	DEV-B354	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	332A
5/14/2014	5:00PM-6:15PM	Breakout	DEV-B355	Cool and Elegant ASP.NET Web Forms with HTML 5 for the Modern Web	More than 10 years after the initial release of Microsoft ASP.NET, the web forms framework is still alive and kicking. We show you the latest features and tricks that are available when creating web applications with ASP.NET web forms in Microsoft Visual Studio 2013. We also show you how to use some of the cool JavaScript frameworks with your web forms project. Learn to leverage all of the latest tools in Visual Studio like Browser Link and Web Essentials to make their coding experience simpler, shorter, and more enjoyable.	Jeff Fritz	Hilton L2 Ballrm D
5/14/2014	5:00PM-6:15PM	Breakout	DEV-B356	Industrial-Strength Entity Framework	The Microsoft Entity Framework is Microsoft's strategic approach to data access technology. While it fits well in smaller applications, implementation in large applications can become challenging. Come get a 360-degree understanding of how to implement Entity Framework in large-scale, enterprise applications. In this session, we look at where Entity Framework fits into your application architecture and how you can leverage it to increase developer productivity. We discuss battle-tested patterns and hard-won best practices that you can wrap around Entity Framework to help ensure success with large, enterprise applications. Explore strategies you can implement to help increase performance; and look at effective approaches for scalability, context management, and concurrency challenges. Evaluate the tradeoffs between Entity Framework-generated SQL and mapping stored procedures. You'll walk-away with a better understanding of how you can leverage Entity Framework to construct large, enterprise applications.	John Mason; Robert Vettor	351A
5/14/2014	5:00PM-6:15PM	Breakout	DEV-B357	Developing Office 365 Cloud Business Applications	Office 365 is an ideal business app 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 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 how developers can build social, touch-centric, cross-platform Office 365 business applications that run well on all modern devices.	Steve Lasker	Hilton L2 Ballrm C

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5/14/2014	5:00PM-6:15PM	Breakout	DEV-B358	Zero to Hero: Untested to Tested with Microsoft Fakes Using Visual Studio	You've got an application with no tests. Trust me. You're not alone. You'd love to get some great code coverage but no one ever thought about tests while they were building the app. It's tightly-coupled and there just isn't a good place to start adding unit tests. It feels hopeless but Visual Studio is here to help with Microsoft Fakes Framework. In this session we show you how to take a tightly-coupled app and turn it into something a lot more testable. Along the way, we also talk about the design patterns that will help you refactor your code for testability and make *future* code more testable from the start. When we're done, we'll not only have a well-tested app but we'll have a better software architecture with a clean separation of concerns that's much more maintainable.	Benjamin Day	362A
5/14/2014	5:00PM-6:15PM	Breakout	DEV-B359	Latest Innovations in Developing ASP.NET MVC Web Applications	With the release of Microsoft Visual Studio 2013 we also got a new release of 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 really important changes to become familiar with, and 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. Also, learn how to leverage the new features that improve the way you write your MVC pages and controllers, like attribute routing, scaffolding, security features and the inclusion of Bootstrap. 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	Grand Ballrm C
5/14/2014	5:00PM-6:15PM	Breakout	DEV-B387	Deep Dive into Mail Compose Applications APIs	Provide apps to use while composing messages and appointments in Microsoft Outlook, easily access attachments or entire mail items, save messages and appointments to SharePoint and more! Since Apps for Outlook debuted a year ago, we've added many new features. Learn about building apps that appear in message and appointment compose forms, how to access the body, attachments, and other properties in a simple way without requiring admin install, how to connect a mail app to SharePoint and many other topics. This session covers the concepts, possible scenarios, and includes demos showing the code and a working app.	Alex Park	352D
5/14/2014	5:00PM-6:15PM	Breakout	OFC-B263	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. the best practices for a 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; Dux Raymond Sy	372A
5/14/2014	5:00PM-6:15PM	Breakout	OFC-B327	Authentication Patterns for Microsoft SharePoint 2013 and Office 365	Can single sign-on be accomplished with SharePoint? How do I integrate my on-premises apps with the cloud in a secure manner? I need to authenticate devices; how can SharePoint help me? This session provides you with the options available for answering these and several other authentication questions.	Israel Vega; Nathan Miller	381A
5/14/2014	5:00PM-6:15PM	Breakout	OFC-B335	Microsoft Office 365 Security, Privacy, and Compliance Deep-Dive	As a deep dive into Office 365 security, compliance, and privacy, this session focuses on the how we implement our risk management process, a systematic approach of evaluating and prioritizing new regulations or standards. We discuss how we conduct regular auditing to comply with regulations like ISO 27001, DPA, FISMA, Fedramp etc. We also respond to questions such as: Does cloud adoption change the evolution of security threats? What do compliance with industry standards mean?	Vijay Kumar	370A
5/14/2014	5:00PM-6:15PM	Breakout	OFC-B344	Understanding the Microsoft Lync 2013 Developer Platform: What API to Use and What Is Coming!	Lync is a platform with many APIs. The Lync Managed API, the UC Managed API, the Lync Server API, the UC Web API: many APIs. So when should one use one API over the other API and what is the roadmap of these APIs? Come to this session to understand the developer landscape of Lync and how it will evolve.	Albert Kooiman	350D
5/14/2014	5:00PM-6:15PM	Breakout	PCIT-B328	Microsoft Forefront Identity Manager vNext Overview	Identity Management for customers' on-premises environments remains a significant area of focus. In this session we explore Forefront Identity Manager vNext and the areas we are investing in for the next release.	Adam Hall; Mark Wahl	342D
5/14/2014	5:00PM-6:15PM	Breakout	PCIT-B338	Deploying Remote Desktop Services (RDS) Roles in Microsoft Azure and Private Cloud	This session walks through the architecture of RDS solutions 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. Whether you are a service provider thinking of hosting apps/desktops or enterprise IT admin thinking of rolling out desktops on private cloud, join this session to learn about best practices for configuring session-based desktops and remote application services in a cloud computing environment using the Microsoft RDS solution running on a Dell infrastructure. Get insights into which components can run on tenant environment and provider environment, security and licensing considerations, and the infrastructure components (storage, networking, and servers) required to successfully build your RDS cloud deployment.	Clark Nicholson; Senthil Baladhandayutham	310A
5/14/2014	5:00PM-6:15PM	Breakout	PCIT-B340	What's New with OS Deployment in Configuration Manager and the Microsoft Deployment Toolkit	This session covers all that is new with operating system deployment, both in Microsoft System Center 2012 R2 Configuration Manager and the Microsoft Deployment Toolkit 2013. Learn how to deploy anything from Windows 8.1 even back to Windows XP, create Virtual Hard Disks and work with multiple versions of Windows PE boot images.	Aaron Czechowski	General Assembly B
5/14/2014	5:00PM-6:15PM	Breakout	WIN-B214	Windows Phone 8.1 Early Deployment Experience in the Enterprise	In this session we share the experiences we had with the early test and deployment with some of our largest customers. Real-world rollouts and real-world problems.	Darren Hall; Roel Schellens	382A
5/14/2014	5:00PM-6:15PM	Breakout	WIN-B338	Top OS Deployment Issues with Answers from Experts	In this session, we talk about Microsoft Deployment Toolkit, Windows Server Deployment, Client Deployment, Media Deployment, Lite Touch, Zero Touch, Microsoft System Center Configuration Manager, System Center Virtual Machine Manager (VMM), Windows Automated Installation Kit (WAIK), Windows Assessment and Deployment Kit (ADK), Native Tools, Windows 7/8, drivers and applications. We bring years of OS Deployment experience, and you bring the questions!	Mikael Nystrom	General Assembly C
5/14/2014	5:00PM-6:15PM	Breakout	WIN-B347	The State of Windows 8.1 Security: Modern Access Control	Windows 8.1 offers an enormous leap forward when it comes to security, and when it comes to identity and access control you're going to find huge advancements. In this session, we focus on our identity-related improvements and show you some great new authenticator options such as Virtual Smartcards and Biometrics. We also show how we can better protect those new authenticator options with hardware-based protection and attestation.	Chris Hallum	Hilton L2 Ballrm A
5/14/2014	5:00PM-6:15PM	Breakout	WIN-B365	No Lab, No Problem! Building the Essential Lab Environment Using Microsoft Technologies	The days of requiring extensive hardware and resources to build out a decent test environment are fading fast as new technology and more powerful hardware come out. Yet, often times companies disregard the importance of a lab and take major risks by doing things directly in their production environment. It is always best to have a lab to 'play' around in, test that script that is needed to be used in production or simply test and document an upgrade processes. This can easily be done by using equipment and software that is already available and can prevent costly mistakes to a production environment. Using tools like the Microsoft Deployment Toolkit, Hyper-V, PowerShell and a little bit of automation, you can quickly be on your way to setting up the Essential Lab Environment. Once the framework is in place, building out new environments is a snap. Need to refresh a few test client systems or build new ones? No problem! With a reusable solution in place, you should never be without a lab environment again.	Michael Terrill	330
5/14/2014	5:00PM-6:15PM	Exam Prep	EXM13	Exam Prep: 70-689 - MCSA: Windows 8	This Exam Prep session is designed for people experienced with Windows 8 and who are interested in taking the 70-689. This exam is required for the new MCSA: Windows 8 certification. Attendees of this session can expect to review the topics covered in these exams in a fast-paced format, as well as receive some valuable test taking techniques. Attendees will leave with an understanding of how Microsoft certification works, the key topics covered in the exams, and an exhaustive look at resources for getting ready for the exam. The session is led by a Microsoft Certified Trainer (MCT), experienced in delivering sessions on these topics.	Peter De Tender	Hilton L2 Ballrm F

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Date	Time	Session Type	Code	Title	Abstract	Speaker	Room
5/14/2014	5:00PM-6:15PM	Instructor-led Lab	DBI-IL301-R	What's New in Microsoft SQL Server 2014 for the DBA (repeated from May 13 at 1:30pm)	In this lab, learn about the new features in SQL Server 2014. Learn about SSD Buffer Pool Extension, Separation of duties, Backup to Cloud, Clustered Columnstore Indexing, and other features in SQL Server 2014.	Denny Cherry	Hall E ILL Room 2
5/14/2014	5:00PM-6:15PM	Instructor-led Lab	DCIM-IL200-R	Build Your Storage Infrastructure with Windows Server 2012 R2 (repeated from May 14 at 8:30am)	Create a new storage-optimized file server using Tiered Storage Spaces and deduplication. Next, create a three node Scale-Out File Server Cluster.	Prabu Rambadran	Hall E ILL Room 1
5/14/2014	5:00PM-6:15PM	Instructor-led Lab	DCIM-IL202-R	Windows Server 2012 R2: Windows PowerShell Fundamentals (repeated from May 14 at 3:15pm)	This lab provides a guided introduction to Windows PowerShell, which has been greatly enhanced since Windows Server 2012.	Won Huh	Hall E ILL Room 4
5/14/2014	5:00PM-6:15PM	Instructor-led Lab	PCIT-IL200-R	Introduction to Microsoft System Center 2012 R2 Configuration Manager (repeated from May 12 at 3:00pm)	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.	Wally Mead	Hall E ILL Room 3
5/15/2014	8:30AM-9:45AM	Breakout	DBI-B213	Details of Microsoft SQL Server 2012 Parallel Data Warehouse Appliance Update 1	SQL Server 2012 Parallel Data Warehouse (PDW) provides a MPP scale-out solution for data warehouse implementations. The recent release of Appliance Update 1 includes a set of features to better allow PDW to add a new workload region supporting Hadoop through HDInsight, extending existing workloads with new physical capacity, improved load performance, additional querying functionality through PolyBase, integrated authentication, and Transparent Data Encryption (TDE).	Matt Usher	381A
5/15/2014	8:30AM-9:45AM	Breakout	DBI-B311	Designing Modern Apps using New Capabilities in Microsoft Azure SQL Database, Deep Dive	Join this session to learn about the latest investments Azure's relational database service, SQL Database. We will demonstrate key architectural patterns gathered during close customer engagements to showcase how customers are achieving mission criticality in the cloud. The focus will be on how and when to apply the new capabilities across business continuity and performance into the design of modern mission-critical applications. Expect us to cover both business as well as architectural considerations including technical demos.	Sasha Nosov; Tobias Ternstrom	320A
5/15/2014	8:30AM-9:45AM	Breakout	DBI-B321	Power View with Analysis Services Multidimensional Models	So far, we've been able to create Power View reports against data models in Excel workbooks and against Analysis Services tabular models. But what if you want to create one against an existing Analysis Services multidimensional model—that is, against a cube? Now you can. In this session, learn what you need, what's supported, and how it works. See some new Power View features to handle various cube features, such as display folders, default members, cell-level number and currency formatting, and more. But wait, there's more: a couple of bonus Power View features!	Kasper de Jonge	310A
5/15/2014	8:30AM-9:45AM	Breakout	DBI-B322	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 it 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	330
5/15/2014	8:30AM-9:45AM	Breakout	DCIM-B218	New DevOps Agent: Application Performance Monitoring in Microsoft System Center 2012 R2	Microsoft Monitoring Agent is a new agent that combines .NET Application Performance Monitoring in System Center 2012 R2 with the full functionality of IntelliTrace Collector in the Microsoft Visual Studio development system. You can use Microsoft Monitoring Agent with Operations Manager or as a stand-alone tool for monitoring web .NET apps. On its own, Microsoft Monitoring Agent is a lightweight Application Performance Monitoring solution that doesn't require heavy infrastructure from IT Operations.	Byron Ricks	342D
5/15/2014	8:30AM-9:45AM	Breakout	DCIM-B302	Running Oracle Databases and Application Servers on Microsoft Azure	In this session, you'll learn how Microsoft Monitoring Agent works to facilitate DevOps and strategies for choosing when to use Application Performance Monitoring in System Center and Microsoft Monitoring Agent to monitor your apps.	Brian Benz; Nik Garkusha	340
5/15/2014	8:30AM-9:45AM	Breakout	DCIM-B363	Automated Service Requests with Microsoft System Center 2012 R2	Microsoft 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 workloads. We cover common scenarios and patterns, as well as some customer case studies.	Mike Roberts; Ryan Andorfer	Hilton L2 Ballrm D
5/15/2014	8:30AM-9:45AM	Breakout	DCIM-B364	Step-by-Step to Deploying Microsoft SQL Server 2014 with Cluster Shared Volumes	In this session, see a real-world implementation of a fully automated IT service catalog developed by a Fortune 500 company for supporting self-service requests. This service catalog is based in Microsoft SharePoint and utilizes the newly released Service Management Automation (SMA) engine. During the session we look at how the solution is architected, cover integration between SMA and SharePoint, build a new service offering from the ground up, and share the best practices we have developed for doing work with SMA along the way. So what's the best part? You get access to the solution we create, so you leave with access to a working solution to help get you started!	Subhashish Bhattacharya	371A
5/15/2014	8:30AM-9:45AM	Breakout	DCIM-B366	TWC: Hacker's Perspective on Your Windows Infrastructure: Mandatory Check List	SQL Server 2014 now supports deploying Failover Cluster Instances on top of Windows Server 2012 R2 Cluster Shared Volumes (CSV). You can now leverage the same CSV storage deployment model you do for your Hyper-V and Scale-out File Server deployments, with SQL Server. This session walks through how to configure a highly available SQL Server 2014 on top of Cluster Shared Volumes (CSV). It discusses best practices and recommendations.	Paula Januszkiwicz	Grand Ballrm A
5/15/2014	8:30AM-9:45AM	Breakout	DCIM-B388	Extending Your Premises to Microsoft Azure with Virtual Networks and ExpressRoute	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!	Ganesh Srinivasan; Jon Ormond; Ross Ortega; Yu-Shun Wang	370A
5/15/2014	8:30AM-9:45AM	Breakout	DEV-B332	Hosting Git Repositories for the Enterprise with Visual Studio Online or Team Foundation Server	Join this session to learn about how you build a hybrid infrastructure with Virtual Networking and ExpressRoute. We demonstrates use cases and cover a few end-to-end scenarios.	Martin Woodward	372A

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5/15/2014	8:30AM-9:45AM	Breakout	DEV-B382	Microsoft Azure API Management Master Class	The new Azure API Management solution makes it easy for you to roll out a successful API Program for your business. In this session we walk through an end-to-end scenario and take a thorough look at every nook and cranny of the product, including best practices and covering our top FAQs.	Anton Babadjanov; Valdimir Vinogradsky	352D
5/15/2014	8:30AM-9:45AM	Breakout	DEV-B419	Diagnosing Issues with Cloud Applications Hosted in Microsoft Azure Using Visual Studio	Visual Studio provides a variety of tools to debug and troubleshoot Azure applications running as Azure Web Sites, Cloud Services or on Virtual machines. In this session we walk you through the different options available for those compute containers and how to use them to effectively troubleshoot your applications.	Boris Scholl	Hilton L2 Ballrm C
5/15/2014	8:30AM-9:45AM	Breakout	DEV-B420	Building Rich Apps with AngularJS on ASP.NET	Come learn how to build end-to-end apps using AngularJS and BreezeJS on the ASP.NET platform. We explore how to manage multiple screens, maintain clean code with popular patterns, implement CRUD, perform robust HTML validation, and use local storage for saving work in progress.	John Papa	General Assembly B
5/15/2014	8:30AM-9:45AM	Breakout	OFC-B221	Best Practices for Breaking Down Organizational Barriers Using Yammer	Habits are hard to break, but the benefits outweigh the costs. Come hear how to break down barriers and overcome obstacles around implementing social within your organization. We share how you can be a hero in your organization by weaving the Yammer social into your company's every day.	Allison Michels	360A
5/15/2014	8:30AM-9:45AM	Breakout	OFC-B317	Microsoft Office 365 Directory Synchronization and Federation Options	You know by now that Office 365 uses Azure Active Directory and that you can synchronize accounts from your On-Premises Active Directory using the DirSync tool and you can do federated authentication using Active Directory Federation Services. This session takes you to the next step and discusses how you can federate with non-Microsoft identity providers that are qualified on the Works with Office 365 - Identity program. We also talk about three new key technologies that allow you to synchronize with non-Microsoft directories, to federate with non-Microsoft directories, and to do all of this with authentication from Office desktop client applications.	Aanchal Saxena; Paul Andrew; Ross Adams	351A
5/15/2014	8:30AM-9:45AM	Breakout	OFC-B328	Windows PowerShell 3.0 Administration with Microsoft SharePoint 2013 and SharePoint Online	In this session, we explore the new features of PowerShell 3.0 and how those features can make the management and automation of SharePoint 2013 easier and more efficient. Learn how to use SharePoint to aid your deployment and upgrade processes. See a live demonstration of a SharePoint upgrade using PowerShell. Plus, learn great tips on using PowerShell to manage your Enterprise licensing with SharePoint. We also cover some time saving tips for using PowerShell. Additionally, we show administrators how they can use PowerShell to manage Office 365 SharePoint Online sites.	Corey Roth	332A
5/15/2014	8:30AM-9:45AM	Breakout	OFC-B329	Make Role Based Access Control (RBAC) Work for You	Role Based Access Control (RBAC) was introduced with Microsoft Exchange Server 2010. Other Microsoft products such as Lync Server use the powerful RBAC framework as well. In this session, learn from an RBAC expert's own real-world implementation of RBAC in an Exchange environment, as well as experiences he gained from discussions while teaching MCM candidates for both the Exchange and Lync MCM programs. Let the real-world experiences help you learn how to make RBAC work for you in your Exchange and Lync deployments.	Bhargav Shukla	361A
5/15/2014	8:30AM-9:45AM	Breakout	OFC-B345	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; Seth Harper	362A
5/15/2014	8:30AM-9:45AM	Breakout	PCIT-B330	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.	Mahesh Unnikrishnan	General Assembly A
5/15/2014	8:30AM-9:45AM	Breakout	PCIT-B336	Managing Mac OS X Clients and Linux Servers Using Microsoft System Center Configuration Manager	This session focuses on management of Mac OS X clients and Linux/UNIX servers using System Center 2012 Configuration Manager. Join this session if your customers manage or plan to manage Mac or Linux clients in their environments.	Karan Daftary; Preeti Rastogi	Hilton L2 Ballrm A
5/15/2014	8:30AM-9:45AM	Breakout	WIN-B211	Live Tiles and Notifications for Windows Phone 8.1	Windows and Windows Phone have a converged Live Tiles platform and development model. In Windows Phone 8.1 you'll be able to do great new things with the Tiles Platform and this session is targeted at helping you understand several critical tiles topics. We talk about our converged WNS push platform and about migrating your tiles from a Windows Phone 8.0 app to a Windows Phone 8.1 app and how to best take advantage of the new Tile Templates and scenarios available to you using the converged model on Windows Phone 8.1.	Saral Shodhan	350D
5/15/2014	8:30AM-9:45AM	Breakout	WIN-B219	Building Cross-platform Web Apps Using Community Tools and Frameworks	In this session, we cover the basics of writing a Windows Store app using HTML5, focusing on using community libraries and tools commonly used for web development.	John Hazen	382A
5/15/2014	8:30AM-9:45AM	Breakout	WIN-B350	Windows 8 Security Internals	Windows 8 extends the security and isolation capabilities of Windows to help build a far more trusted application experience. In this session, get a review of the Windows features that have been evolving since Windows Vista, and culminating in a whole new level of application isolation in Windows 8 Applications.	Chris Jackson	Grand Ballrm C
5/15/2014	8:30AM-9:45AM	Breakout	WIN-B356	Modern Applications for IT Pros	Whether you call them "Metro apps," "Windows 8 Design-Style apps," "RT apps," or "modern apps," the new class of applications 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 is 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 of 2013, it's reasonable to assert that the time has come for IT pros to know more about the members of the six-figure army. 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 us for an informative, entertaining, and real-world look at the latest crop of Windows apps!	Mark Minasi	General Assembly C
5/15/2014	8:30AM-9:45AM	Breakout	WIN-B358	Real-World Windows 8.1 Deployment Notes from the Field	The uber-demo spaceship has landed... Join Johan Arwidmark in an hour (plus) live demo on how to build a Windows 8 deployment solution, based on Microsoft Deployment Toolkit (MDT) 2013. Learn about the new features in MDT 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 early adopters of Windows 8.	Johan Arwidmark	Grand Ballrm B
5/15/2014	8:30AM-9:45AM	Exam Prep	EXM14	Exam Prep: 70-246 and 70-247 - MCSE: Private Cloud (repeated from May 14 at 3:15pm)	This Exam Prep session focuses on what you need to know to get certified and pass the Private Cloud Microsoft Certified Professional exam 70-246 and exam 70-247. The session is led by an expert Microsoft Certified Trainer (MCT) who regularly presents on this topic. The presenter walks you through the objectives that are covered in the exam, gives you some general exam taking tips and technology "gotchas" about System Center 2012. This session will be your last step in getting ready for this exam.	Ryan Sokolowski	Hilton L2 Ballrm F

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5/15/2014	8:30AM-9:45AM	Instructor-led Lab	DCIM-IL302	Constructing Your Private Cloud with Windows Server and Microsoft System Center, Part 2	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? And 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.	Won Huh	Hall E ILL Room 2
5/15/2014	8:30AM-9:45AM	Instructor-led Lab	DCIM-IL306-R	Speed Lab! Microsoft System Center 2012 R2 Overview (repeated from May 13 at 8:30am)	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. Attend this session and learn how to easily deploy your own System Center demo lab with just a few click using the PowerShell Deployment Toolkit (PDT). Next, spend a few minutes using every System Center 2012 R2 component, including Virtual Machine Manager, Operations Manager, Configuration Manager, Service Manager, App Controller, Data Protection Manager, and Endpoint Protection. Finally, connect several systems together to create your own Orchestrator Runbook.	Symon Perriman	Hall E ILL Room 1
5/15/2014	8:30AM-9:45AM	Instructor-led Lab	PCIT-IL306-R	Implementing Endpoint Protection in Microsoft System Center 2012 R2 Configuration Manager (repeated from May 13 at 10:15am)	Maintaining a secure environment is top on the list of concerns for IT administrators. Configuration Manager 2012 R2 has great capabilities for maintaining security for Microsoft updates, but what about malware and virus? System Center 2012 Endpoint Protection is the solution. It integrates great with Configuration Manager 2012, and provides the security you need for your environment. In this lab, integrate Endpoint Protection in Configuration Manager 2012 R2, and configure the management of Endpoint Protection policies. Run reports for compliance, as well as implement malware, and see the remediation, monitoring and reporting of infections in the Configuration Manager Console.	Wally Mead	Hall E ILL Room 3
5/15/2014	8:30AM-9:45AM	Instructor-led Lab	WIN-IL300	Deploying Windows 8.1 with Microsoft System Center 2012 R2 Configuration Manager and Microsoft Deployment Toolkit 2013 (repeats on May 15 at 1:00pm)	In this lab, learn about deploying Windows 8.1 using MDT 2013. The core "Lite Touch" deployment scenarios are examined, including: configuring a deployment share, adding content to the deployment share, creating task sequences, deploying a new computer from the network, and refreshing an existing computer.	Alexey Semibratov; Ben Hunter	Hall E ILL Room 4
5/15/2014	10:15AM-11:30AM	Breakout	DBI-B313	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 provides feedback around customers In-Memory OLTP implementations and helps provide lessons learned to keep in mind as you work with customers on In-Memory OLTP in SQL Server 2014.	Kevin Farlee; Michael Steineke; Rick Kutschera	370A
5/15/2014	10:15AM-11:30AM	Breakout	DBI-B316	SQL Server Analysis Services (SSAS) Tabular Security Deep Dive	Microsoft SQL Server 2012 introduced the Business Intelligence Semantic Model, which includes a new type of analytical model known as the tabular model. While customers are rapidly adopting this new type of cube, one key factor is being overlooked: security. In this session we explain and demonstrate key tips and techniques that will help you assist your customers in developing, deploying, and managing simple to complex security scenarios.	Patrick LeBlanc	330
5/15/2014	10:15AM-11:30AM	Breakout	DBI-B333	T-SQL Power! SQL Server Windows That Open Doors	Ever feel like your Transact-SQL solution to a tricky issue was almost just as difficult as the problem itself? Ever find yourself unable to cleanly express the logic you really need in T-SQL for your complex data calculation? Don't blame yourself—blame the limitations of the language. Get ready to embrace the most powerful Microsoft SQL Server programming enhancement: turbocharged support for windowing functions. If you write analytical queries and you need results fast, attend this session to learn everything you need to know to leverage all the power that windowing functions bring to the table. See examples taken from real-world projects that illustrate how to create running sums, calculate moving averages, look both backward and forward in your set, and achieve many other seemingly complex tasks—all with ease and clarity. The hallmark of a truly great SQL Server feature is the ability to make difficult tasks simple. Windowing functions will have you writing better and faster T-SQL than ever before.	Adam Machanic	362A
5/15/2014	10:15AM-11:30AM	Breakout	DBI-B335	Scaling Out Microsoft Azure SQL Database: Patterns and Best Practices	Cloud computing is distributed computing which requires thoughtful planning and delivery—regardless of the platform choice. Because of the inherent complexity of running services at scale, it is important to understand the behavior and performance of the cloud platform in which a database is hosted to match business performance and scale expectations and requirements. This session looks at different scenarios, patterns, and best practices for building scalable databases in Microsoft Azure SQL Database. We also look at scale-up vs. scale-out models, horizontal partitioning, and some tips for dealing with some of the complexities of cloud database scalability including identity generation, working with relationships, and distributed/fan-out queries across partitions.	Scott Klein	372A
5/15/2014	10:15AM-11:30AM	Breakout	DCIM-B228	Effective Capacity Planning of Your Infrastructure Resources with Microsoft System Center 2012 R2 Operations Manager Reporting	The information you need to make the right choices about how you plan capacity for your private and public cloud infrastructure is at your fingertips in the data that you collect with Operations Manager. All you need to know is how to best utilize the Operations Manager datawarehouse, reporting, dashboarding, and Microsoft SharePoint to bring this information to the surface and then visualize it.	Gordon McKenna	350D
5/15/2014	10:15AM-11:30AM	Breakout	DCIM-B368	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	Grand Ballrm C
5/15/2014	10:15AM-11:30AM	Breakout	DCIM-B377	Building Disaster Recovery Plans for Microsoft Workloads and Applications with Hyper-V Recovery Manager and Desired State Configuration	This session shows how to leverage Hyper-V Recovery Manager Service to build disaster recovery plans for common Microsoft Workloads like SharePoint, SQL based Apps, IIS Apps, BizTalk Server, etc. We discuss different replication technologies available in the Microsoft stack like Hyper-V Replica and SQL Server Always On, and show how they complement each other and how to use HRM service to leverage these technologies to create DR plans. We cover application specific best practices and guidelines for DR planning, deployment and DR drills with HRM. We also showcase the power of HRM integration with PowerShell and demonstrate how we can use Desired State Configuration to validate DR plans.	Abhishek Agrawal ; Kenneth Hansen; Ryan Sokolowski	General Assembly A
5/15/2014	10:15AM-11:30AM	Breakout	DCIM-B419	Monitoring SQL Server with Microsoft System Center 2012 R2 Operations Manager	Take a deep dive into monitoring Microsoft SQL Server with System Center 2012 R2 Operations Manager, System Center 2012 R2 Advisor and protection with System Center 2012 R2 Data Protection Manager. This session is focused on the application SQL Server and how we can keep it in tip top condition.	Simon Skinner	Grand Ballrm A
5/15/2014	10:15AM-11:30AM	Breakout	DCIM-B420	Evolution of Infrastructure Monitoring: Taking Your Environment to the Next Level with Microsoft System Center 2012 R2 Operations Manager	If you are an Operations Manager administrator or want to be, this is the session you have been looking for. This is not a history lesson on Operations Manager but rather a "lessons learned in the field" presentation that will allow you to take Operations Manager to the next level. Topics include maintenance, integration, dashboards, and what is new above and beyond System Center 2012 R2 Operations Manager.	Cameron Fuller	General Assembly C
5/15/2014	10:15AM-11:30AM	Breakout	DEV-B228	Build Connected Productivity Apps for SharePoint and Office	This session details the new advanced extensibility and development options within the Microsoft Office platform, including Office and SharePoint. The details of the various APIs and customization options are discussed, as well as the evolution of the platform to one that is open to all types of developers. The roadmap of where the platform is headed is also discussed.	Brian Jones	Hilton L2 Ballrm C

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5/15/2014	10:15AM-11:30AM	Breakout	DEV-B233	Microsoft Azure Cache	Caching is an important building block for high-performance applications. We have been hard at work on enhancing our offerings in Azure for caching scenarios. Come join us to learn what is new and exciting in this space. The session covers Microsoft Azure Cache strategy and roadmap all up, and then dives deep into the specifics of our investments.	Mike Montwill; Saurabh Pant	310A
5/15/2014	10:15AM-11:30AM	Breakout	DEV-B313	Diagnosing Issues in Windows Phone 8.1 XAML Applications Using Visual Studio 2013	Come to this demo-driven session to learn how to use the latest diagnostic tools in Visual Studio 2013 to make your Windows Phone 8.1 XAML apps reliable, fast, and efficient. Learn how to make the most of existing capabilities in the debugger as well as new debugging features for diagnosing correctness issues. Also, see the Visual Studio Performance and Diagnostics hub in action with its performance analysis tools for diagnosing CPU usage, memory usage, and energy consumption. The techniques covered in this session apply equally well for Windows Store apps as well as Windows Phone Store apps, so all your device development needs will be covered.	Andrew Hall; Daniel Moth	340
5/15/2014	10:15AM-11:30AM	Breakout	DEV-B362	Async Best Practices for C# and Visual Basic	The async support available now with Microsoft .NET Framework 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 session, we cover such practices, giving you the knowledge you need to effectively build robust async solutions.	Mads Torgersen	Grand Ballrm B
5/15/2014	10:15AM-11:30AM	Breakout	DEV-B364	How to Architect and Implement Hybrid Integration Solutions with Microsoft BizTalk Server and Microsoft Azure BizTalk Services	Enterprise Application Integration or EAI solutions bridge systems with disparate data formats and communication protocols. Solutions increasingly need to connect on-premise systems with applications and infrastructure in the Cloud. Microsoft is in the unique position of having first-party solutions on-premise with BizTalk Server as well in the cloud with Azure BizTalk Services. Come to this session to learn design patterns and best practices for architecting and implementing hybrid (on-premise and in-cloud) integration solutions. We demonstrate working capabilities on Azure that will significantly lower the development effort required to extend EAI as well as B2B solutions into the cloud using standards such as EDI.	Guru Venkataraman; Mark Mortimore; Vinay Badami	381A
5/15/2014	10:15AM-11:30AM	Breakout	DEV-B367	Using Functional, Exploratory and Acceptance Testing to Release with Confidence	In this session we cover how you can perform lightweight testing using the web-based test case management capabilities of Team Foundation Server or Visual Studio Online. We cover recent improvements to test case management starting with test organization, simplified test case authoring, managing test data at one central location, exporting test artifacts for review/sign-offs, lightweight test execution with bug filing, and so on. We show how you can improve your application quality and engage end-users across the enterprise using our tools. We also cover how Microsoft Test Manager helps you with a holistic quality enablement using exploratory testing, capturing rich diagnostic data during testing, and running automated tests across different environments.	Benjamin Day	371A
5/15/2014	10:15AM-11:30AM	Breakout	DEV-B379	Using Service Bus to Connect to the Internet of Things (IoT)	The advent of the Internet of Things and connected devices presents numerous integration and messaging challenges you can tackle with Service Bus. In this session, we demonstrate how to use queues and topics to enable a variety of M2M scenarios—everything from command/control to telemetry.	Markus Horstmann	342D
5/15/2014	10:15AM-11:30AM	Breakout	DEV-B386	Setting Up Your On-Premises Environment for App Development	Not every SharePoint customer has moved completely to Microsoft Office 365. So how do you leverage the SharePoint app model on-premises? In this session, learn how to correctly set up your development and production environments to create and deploy apps using the provider-hosted cloud app model pattern. We look at the various things developers need to keep in mind when creating provider-hosted apps, how to set up their developer environments and how to move these apps into production. But wait, what if you are in a hybrid situation? No worries! We also discuss how to address having an on-premises and Office 365 hybrid scenario, covering how to set it up as well as how to create, develop, and deploy apps for it!	Andrew Connell	320A
5/15/2014	10:15AM-11:30AM	Breakout	DEV-B421	Securing ASP.NET Applications and Services: Security Facelift for Modern Applications	When you think of ASP.NET security, the first thing that comes to mind are Windows authentication and Forms authentication using ASP.NET Membership. For years, those were the common authentication techniques for ASP.NET applications and services. But with the new releases to the ASP.NET Identity system, those days are long gone. For the enterprise, ASP.NET broadened its support from the on-premises Active Directory to include Microsoft Azure Active Directory. By supporting external identity providers, such as Facebook, Microsoft Account, and Twitter, the new ASP.NET Identity system makes the process of securing an application less scary than ever. So no matter which ASP.NET framework you are developing with—MVC, Web Forms, Web API, or SignalR—come to this session to learn how to secure it.	Ido Flatow	Hilton L2 Ballrm A
5/15/2014	10:15AM-11:30AM	Breakout	OFC-B267	Making the Most of Office Across Devices	In this session the Microsoft Office team shows you tips and tricks across applications and devices that will help you and your organization make the most of your Office 365 investment. See how dynamic sharing and collaboration happens in Word, unlock insights and visualize your data with Excel, get pointers on how to create and present great presentations with PowerPoint and more surprising tools available in the Office applications.	Kaberi Chowdhury; Marisa Salazar	352D
5/15/2014	10:15AM-11:30AM	Breakout	OFC-B330	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.	Sea Young Rhee	332A
5/15/2014	10:15AM-11:30AM	Breakout	OFC-B346	Which Microsoft Lync Server 2013 Topology Is Right for Me?	Join this session if you are interested in understanding bandwidth considerations and security aspects of deploying Lync Online. Bandwidth and network conditions are very important to consider for Lync Online deployments, from A/V peer-to-peer calls to multiparty conferences. In this session we discuss A/V traffic paths for peer-to-peer calls and for Conferences, and how network conditions can affect their quality. We talk about how to apply Lync network assessments approach to Lync Online, gaps, challenges, and limitations on this scenario. We also cover security considerations of Lync Online security aspects like authentication, encryption and Lync meeting content retention and expiration behavior.	Chris Wallick	360A
5/15/2014	10:15AM-11:30AM	Breakout	PCIT-B326	Providing SaaS Single Sign-on with Microsoft Azure Active Directory	Organizational customers want consistent identities and access control across Active Directory (AD) and the software-as-a-service apps they rely upon, including Microsoft Office 365, salesforce.com, Box, WebEx, GoToMeeting, Concur, etc. This session covers how customers can enable Azure AD for SSO to hundreds of popular SaaS apps, along with configuring provisioning, federation, and password vaulting, and how to address the typical rollout concerns for enterprise-wide deployment of SaaS single sign-on.	Mark Wahl	351A
5/15/2014	10:15AM-11:30AM	Breakout	PCIT-B339	How Microsoft IT Manages Their Microsoft System Center Configuration Manager Application Lifecycle with Zero Touch	Join this session to learn how Microsoft IT is successfully managing the Application lifecycle in their System Center 2012 Configuration Manager R2 environment with zero touch. Deep technical overview on how Microsoft IT automates LOB application publishing by leveraging System Center Orchestrator, Configuration Manager cmdlets, PowerShell scripts, and Team Foundation Server. This session covers the key stages of the application lifecycle for Windows 8.1, Windows Phone, Windows RT, and iOS – starting with Application object creation, deployment, supersedeance, and ending with the retirement/removal of the application object from the environment—all this without the administrator having to lift a finger.	Dharmendra Thotakura; Marc Hurley	General Assembly B
5/15/2014	10:15AM-11:30AM	Breakout	WIN-B322	From 4 to 40 inches: Developing Windows Applications across Multiple Form Factors	Windows applications can run on phones, tablets, PCs and beyond. Designing and building your application to take advantage of different screen sizes and resolutions is critical to making beautiful, engaging applications that your customers will love across all their devices.	Peter Torr	382A

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Date	Time	Session Type	Code	Title	Abstract	Speaker	Room
5/15/2014	10:15AM-11:30AM	Breakout	WIN-B362	Project Virtual Reality Check: Microsoft App-V 5.0 Performance, Tuning, and Optimization (App-V PTO)	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.	Ment Van Der Plas	361A
5/15/2014	10:15AM-11:30AM	Exam Prep	EXM15	Exam Prep: 70-461 - MCSA: Microsoft SQL Server 2012 (Querying)	This Exam Prep session focuses on what you need to know to get certified and pass the SQL Server Microsoft Certified Professional exam 70-461 (Querying Microsoft SQL Server 2012). The session is led by an expert Microsoft Certified Trainer (MCT) who regularly presents on this topic. The presenter walks you through the objectives that are covered in the exam, and gives you some general exam taking tips and technology "gotchas" about SQL Server. This session will be your last step in getting ready for this exam.	boB Taylor	Hilton L2 Ballrm F
5/15/2014	10:15AM-11:30AM	Instructor-led Lab	OFC-IL301	Implement the Microsoft SharePoint 2013 PLA with a Cloud Pack	Learn how to accelerate the deployment of the Product Line Architecture (PLA) for SharePoint 2013 and implement customer specific configurations using the Cloud Pack workshop and automation. Walk through the implementation of SharePoint virtual machines, configuring right-scaled SharePoint 2013 services and configuration of a highly available SQL Server 2012 implementation.	Tom Wisnowski	Hall E ILL Room 2
5/15/2014	10:15AM-11:30AM	Instructor-led Lab	PCIT-IL201	Upgrading from Configuration Manager 2012 SP1 to Microsoft System Center 2012 R2 Configuration Manager	You have System Center 2012 SP1 Configuration Manager in place today. You know that System Center 2012 R2 Configuration Manager has just been released, and want to upgrade to take advantage of the new features of the product. This lab walks you through the upgrade process from Configuration Manager 2012 SP1 to Configuration Manager 2012 R2.	Wally Mead	Hall E ILL Room 3
5/15/2014	10:15AM-11:30AM	Instructor-led Lab	WIN-IL301-RR	Resolving Windows Performance Issues without Opening a Support Case (repeated from May 12 at 1:15pm)	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!	Joao Botto; Yasin Söğütü	Hall E ILL Room 1
5/15/2014	1:00PM-2:15PM	Breakout	DBI-B210	Building the Modern Analytics Architecture: HDInsight and Power BI	The traditional enterprise data warehouse has been around a long time, and it isn't going away anytime soon. However, with modern options based on Hadoop like HDInsight and PolyBase, and new analytic and data mining techniques, the warehouse is no longer the center of our business analytics universe. Enterprises now have the flexibility to integrate and analyze external and internal data in ways previously not possible. In this session, we will cover these new platforms through and our approach for integrating them into your warehouse environment. We will demonstrate how to do initial data loading and analysis using HDInsight and Power Query, and then visualizing that data using Power View.	Karen Lopez	342D
5/15/2014	1:00PM-2:15PM	Breakout	DBI-B386	Microsoft SQL Server 2014: In-Memory OLTP for Database Developers	SQL Server 2014 introduces in-memory technology for optimizing OLTP workloads. In this session we focus on the new concepts for database developers. We discuss the new memory-optimized tables and the new memory-optimized hash and nonclustered indexes. You also learn how to access memory-optimized tables using interpreted Transact-SQL, and how to optimize data access using the new natively compiled stored procedures. Finally, learn how to work with the new lock-free transaction semantics for in-memory OLTP.	Jos de Bruijn	370A
5/15/2014	1:00PM-2:15PM	Breakout	DBI-B411	Columnstore Technical Deep Dive	The addition of updateable columnstore in Microsoft SQL Server 2014 offers order of magnitude or more query performance. In this session, we first spend a few minutes on what the impact of this means to you and your customers—but we spend most of the time on internals, how columnstore works, differences from row store, and on the metadata that surfaces the new information.	Sunil Agarwal	320A
5/15/2014	1:00PM-2:15PM	Breakout	DCIM-B303	SAP in Microsoft Azure: Scenarios and Considerations	Microsoft Azure has been the choice of platform for many enterprises running their business applications. Specifically, a growing number of customers are using Azure for SAP-based deployments. In this session, we discuss considerations for using Azure Infrastructure Services for SAP workloads. We cover common scenarios and patterns, as well as some customer case studies.	Juergen Thomas	Hilton L2 Ballrm C
5/15/2014	1:00PM-2:15PM	Breakout	DCIM-B369	Extending Microsoft System Center 2012 R2 Operations Manager	This session covers how Operations Manager as a platform has been extended with System Center Advisor to provide Operational Intelligence about customers' environments by capturing their operational/machine data into a big data store in Azure. Come see how easy it is to collect logs, explore them in real-time and visualize the results. On top of that come learn about the built-in add-ons that deliver intelligence for Capacity Planning, System Updates and Malware Protection.	Daniele Muscetta; Joseph Chan; Satya Vel	Grand Ballrm A
5/15/2014	1:00PM-2:15PM	Breakout	DCIM-B370	Transform Fortune 100 IT Organizations Using IT Service Management with Microsoft System Center 2012 R2 and Office 365	Learn about a global deployment of IT Service Management for over 200,000 users and 30,000 servers, transforming the business for the cloud using System Center, Office 365, and Microsoft Business Intelligence. We walk through the approach, lessons learned, and the techniques for success. Get a glimpse of a Service Manager deployment processing millions of requests per year. These business and technology techniques will help you to plan your deployment, build the right technical framework, and deploy in a way which leads better IT visibility, process improvement, and automation. This session shows you how ITIL concepts will translate into a real-life implementation with stunning results	Nathan Lasnoski	General Assembly C
5/15/2014	1:00PM-2:15PM	Breakout	DCIM-B371	Protect Large Scale Private Clouds with Microsoft System Center 2012 R2 Data Protection Manager	With Window Server and System Center in the 2012 R2 release getting deployed in large scale cloud environments, System Center 2012 R2 Data Protection Manager is in a very unique position as the service provider, a key target segment for 2012 R2, considers protecting of such clouds a table-stakes feature. Join us to understand how System Center 2012 R2 Data Protection Manager is stepping up to address this challenge. We present the changes we have made in the post-2012 R2 wave and our early thinking on evolving the System Center 2012 R2 Data Protection Manager roadmap to address the needs of protecting large scale private clouds. 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 scale protection.	Islam Goma; Shresh Dubey	382A
5/15/2014	1:00PM-2:15PM	Breakout	DCIM-B421	Delivering Disaster Recovery Solutions Using Windows Server 2012 R2, Microsoft System Center 2012 R2 and Microsoft Azure	During this session, gain a deep understanding of how you can deliver BaaS (Backup as a Service), RaaS (Restore as a Service) and DRaaS (Disaster Recovery as a Service) in a modern dynamic datacenter. By using the aggregated power of the System Center 2012 R2 stack, Azure and Windows Server 2012 R2 Hyper-V based on Windows Server 2012 R2 you will get a great understanding of the architecture and the management of the services that you should configure within your own datacenter.	John Joyner; Robert Hedblom; Shivam Garg	362A
5/15/2014	1:00PM-2:15PM	Breakout	DCIM-B423	ExpressRoute: Connecting Private and Public Clouds through WAN Providers	ExpressRoute is a new Azure service that allows customers to establish private, high-throughput connections with Microsoft Azure. Join us in this session to learn how you can add Azure to you WAN and blur the lines between public and private clouds.	Ganesh Srinivasan; Venkat Gattamneni	330
5/15/2014	1:00PM-2:15PM	Breakout	DEV-B343	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.	Dan Fernandez; Merwan Hade	310A

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5/15/2014	1:00PM-2:15PM	Breakout	DEV-B368	Using Third-Party ALM Solutions along with Visual Studio Online	Development teams today use a mix of tools and cloud services to manage their development, test, build, and release processes. This is especially true for organizations developing apps across multiple platforms and devices. Ensuring these tools and services are connected and working together can be a challenge for any organization. In this session, learn about strategies for integrating these third-party systems into Visual Studio Online for tighter collaboration across your entire team.	Will Smythe	352D
5/15/2014	1:00PM-2:15PM	Breakout	DEV-B371	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.	Eric Battalio	361A
5/15/2014	1:00PM-2:15PM	Breakout	DEV-B390	SharePoint Power Hour: New Developer APIs and Features for Apps for SharePoint	This session takes a deep dive into the new features and APIs in the Cloud App Model for Apps for SharePoint.	Jeremy Thake; Thorsten Hans	360A
5/15/2014	1:00PM-2:15PM	Breakout	DEV-B423	Learn How to Easily Move Your ASP.NET Application to the Cloud with Microsoft Azure	You've got lots of ASP.NET applications running in-house or at a host, but when it comes time to move those apps to the cloud, there are some architectural things to consider to ensure your app scales. Are you hitting the local disk or local sources? How are you accessing the database? How do you manage state? Join us for this practical walkthrough that covers all the things you need to know to scale your existing ASP.NET app to the cloud.	Saurabh Pant	351A
5/15/2014	1:00PM-2:15PM	Breakout	OFC-B269	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	381A
5/15/2014	1:00PM-2:15PM	Breakout	OFC-B270	Why Adoption Matters: Key Factors in Maximizing ROI and Customer Satisfaction in Your Lync Deployment	In this session, we share a proven adoption methodology, key success factors, best practices, and relevant resources to help drive both rapid and sustained adoption of Microsoft Lync. We showcase a new Adoption tool that will make it easier to collect and analyze Lync adoption metrics and drive a positive end user experience that supports increased adoption. You will leave this session with the tools you need to reach maximum return on your investments with Lync through adoption.	Marc Sanders	350D
5/15/2014	1:00PM-2:15PM	Breakout	OFC-B271	Integrating Microsoft Exchange Server 2013 with Lync and SharePoint	While each of the three products provide great experience and functionality by itself, when you combine the power of them working together, it becomes a great productivity booster and an amazing user experience. The Microsoft Office 2013 family of products brings integration features that make products work harder for you. We talk about integration of Microsoft Lync Server 2013 and Microsoft SharePoint 2013 with Exchange Server 2013 and the benefits it brings to both organizations investing in these products and end users who can get the most out of it.	Bhargav Shukla	General Assembly B
5/15/2014	1:00PM-2:15PM	Breakout	OFC-B326	Microsoft Exchange Server 2013: Migration Experiences from the Field	Join us to learn about our experiences from the field, migrating to Exchange Server 2013. We discuss the steps involved, pitfalls, and the experience for end-users. Was their experience better with Exchange Server 2013? This is a real-life session, presented by a Microsoft Certified Master on Exchange, working in the field.	Henrik Garpenrud	332A
5/15/2014	1:00PM-2:15PM	Breakout	OFC-B332	Encryption in Microsoft Office 365	Whether it is at Rest or in Transit, Exchange and SharePoint protects your data using a variety of encryption mechanisms. Come learn about the different types of encryption technologies in Exchange and SharePoint online. In this session we talk about RMS, S/MIME, Office 365 Message Encryption, and how these encryption technologies keep your data safe and secure.	Tariq Sharif	372A
5/15/2014	1:00PM-2:15PM	Breakout	OFC-B333	Microsoft SharePoint on Microsoft Azure VM and Virtual Networks: How the Cloud (IaaS) Changed the Way I Work and Improved Customer Productivity	SharePoint consultants and developers work in projects, and most SharePoint environments are large. As a best practice, the development and test environments should be as equal as possible to the production environment. In reality, SharePoint development and test environments are not as equal as possible. Based on Microsoft Azure Infrastructure as a Service (IaaS), we have a chance to get the environment as equal as possible and to speed up projects and reduce project cost from planning through final deployment of hardware requirements on production environments. Consultants can act faster, or shall we say "very fast". This session demonstrates how to use the Microsoft Azure Management Portal, Windows PowerShell or Microsoft System Center to manage many environments like SharePoint farms in Azure and to deploy the 1-n farms via script, to manage more than 100 cores and terra bytes of VHDs on-demand. Learn how to scale your SharePoint environment up and down, and switch off all resources to scale based on your needs on-demand. Learn to load test on-demand in SharePoint on Azure, for better quality in your production environment. At the end of the Session, you'll understand the latest thinking on Infrastructure as a Service for SharePoint, and the difference from standard hosting. We also discuss how to design a SharePoint Farm for Azure IaaS for Scale-up/-down, and out and off. Focusing on SharePoint and SQL Server and BI, we demonstrate the mechanism to enroll large environments in minutes and to bring them into a very low-cost state for non-business hours, based on demand. With this thinking, IT environments like SharePoint are designed for high availability. At the end of session you'll see the cloud and Azure from a new perspective, and see that hosting is not all the time 24x7, with high availability.	Patrick Heyde	340
5/15/2014	1:00PM-2:15PM	Breakout	PCIT-B329	VDI Deployment Walkthrough	This session will overview what VDI is and how it is enabled by the capabilities if Windows Server 2012 R2. We will show options and alternatives for deployment (Remote App, Remote Desktop, pooled VMs versus dedicated), and the share consideration and guidance needed to successfully design, deploy, and support a basic VDI implementation. Topics will include common deployment steps and gotchas including those related to networking setup, image management, storage, and other key considerations.	John Kelbley; Rich McBrine; Robin Brandl	Grand Ballrm B
5/15/2014	1:00PM-2:15PM	Breakout	PCIT-B333	How Microsoft IT Solves BYOD Using Microsoft System Center 2012 R2 Configuration Manager and Windows Intune	Join this session to learn how Microsoft IT is successfully running Unified Device Management by leveraging Windows Intune and System Center 2012 R2 Configuration Manager to embrace BYOD scenarios across 15K heterogeneous devices. This session provides a deep technical overview of how Microsoft IT automates LOB application publishing, manages Company Portal deployments, and enforces device security settings for Windows 8.1 PCs, Windows RT, Windows Phone 8, and iOS. This session also covers how Microsoft IT has configured certificate services to deploy VPN, Wi-Fi, and Remote connection profiles on devices to enhance user productivity.	Karthikeyan Jayavel; Marc Hurley	General Assembly A
5/15/2014	1:00PM-2:15PM	Breakout	PCIT-B334	Multi-Factor Authentication Deep Dive: Securing Access On-Premises and in the Cloud	With Multi-Factor Authentication adding a second factor of authentication to on-premises and cloud applications is easier than ever. Join this session for a deep technical breakdown of Multi-Factor Authentication and how it works with Active Directory, Active Directory Federation Services (AD FS), and Microsoft Azure Active Directory to enable rapid deployment of multi-factor authentication for a wide range of applications. Multi-Factor Authentication secures access to remote access VPNs, virtual desktops, web applications (OWA and SharePoint), cloud services (Office 365), and custom applications. We show you how.	Nasos Kladakis; Shawn Bishop	Hilton L2 Ballrm D
5/15/2014	1:00PM-2:15PM	Breakout	PCIT-B335	Windows Server Work Folders: A Deep Dive into the New Windows Server Data Sync Solution	This session discusses the different ways that you can deploy and use Windows Server Work Folders to gain oversight of IW corporate data. The session touches on different deployment options as well as migration strategies from existing solutions such as "Folder Redirection" and "Home Folders." Windows Server Work Folders allows information workers to have their files available to them on all their devices, wherever they are, and however they are connected, while providing IT governance control.	Fabian Uhse; Gene Chellis	Hilton L2 Ballrm A

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5/15/2014	1:00PM-2:15PM	Breakout	WIN-B354	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, Mark shows 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	Grand Ballrm C
5/15/2014	1:00PM-2:15PM	Breakout	WIN-B355	The Circle of Life for an App-V 5.0 Package: From Sequence to Termination	Join this session for 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	371A
5/15/2014	1:00PM-2:15PM	Exam Prep	EXM16	Exam Prep: 70-462 - MCSA: Microsoft SQL Server 2012 (Administering)	This Exam Prep session focuses on what you need to know to get certified and pass the SQL Server Microsoft Certified Professional exam 70-462 (Administering SQL Server 2012 Databases). The session is led by an expert Microsoft Certified Trainer (MCT) who regularly presents on this topic. The presenter walks you through the objectives that are covered in the exam, and gives you some general exam taking tips and technology "gotchas" about SQL Server. This session will be your last step in getting ready for this exam.	boB Taylor	Hilton L2 Ballrm F
5/15/2014	1:00PM-2:15PM	Instructor-led Lab	DCIM-IL202-RR	Windows Server 2012 R2: Windows PowerShell Fundamentals (repeated from May 14 at 3:15pm)	This lab provides a guided introduction to Windows PowerShell, which has been greatly enhanced since Windows Server 2012.	Won Huh	Hall E ILL Room 4
5/15/2014	1:00PM-2:15PM	Instructor-led Lab	PCIT-IL300-R	Deploying Windows 8.1 to Bare Metal Clients (repeated from May 14 at 1:30pm)	Microsoft has recently released a new version of Windows, Windows 8.1. Deployment of Windows 8.1 using Microsoft System Center 2012 R2 Configuration Manager 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. 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 deploy Windows 8.1 to a bare metal system.	Wally Mead	Hall E ILL Room 3
5/15/2014	1:00PM-2:15PM	Instructor-led Lab	PCIT-IL301-RR	Migrating Active Directory to Windows Server 2012 R2 (repeated from May 12 at 1:15pm)	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 are transferred to enable the Windows Server 2008 R2 domain controller to be retired.	Adam Hall	Hall E ILL Room 2
5/15/2014	1:00PM-2:15PM	Instructor-led Lab	WIN-IL300-R	Deploying Windows 8.1 with Microsoft System Center 2012 R2 Configuration Manager and Microsoft Deployment Toolkit 2013 (repeated from May 15 at 8:30am)	In this lab, learn about deploying Windows 8.1 using MDT 2013. The core "Lite Touch" deployment scenarios are examined, including: configuring a deployment share, adding content to the deployment share, creating task sequences, deploying a new computer from the network, and refreshing an existing computer.	Alexey Semibratov; Ben Hunter	Hall E ILL Room 1
5/15/2014	2:45PM-4:00PM	Breakout	DBI-B310	Mind Your IO: Resource Governor Shows You How	Resource Governor was introduced in Microsoft SQL Server 2008 to achieve predictable performance in a multi-tenant environment, to support mixed workload patterns, to provide mechanisms and tools to deal with runaway queries, and to enforce resource limits for CPU and memory. In prior releases, there have been incremental enhancements to this feature. SQL Server 2014 now supports resource governance for IO. In this demo-heavy session, learn to implement Resource Governor to configure resource limits in a comprehensive manner including IO and guarantee predictable performance for different tenants. Along the way, you are also going to see enhancements to Extended Events framework and disk specific counters that have been added SQL Server: Resource Pool Stats.	Amit Bansal	360A
5/15/2014	2:45PM-4:00PM	Breakout	DBI-B314	CAT: Microsoft SQL Server High Availability and Disaster Recovery in Microsoft Azure	This session covers high availability and disaster recovery technologies for SQL Server in Microsoft Azure virtual machines. Through demos, learn how to ensure high availability of SQL Server on Azure VMs and how to use SQL Server on Azure VMs as a disaster recovery solution for on-premise SQL Server instances.	Luis Carlos Vargas Herring	372A
5/15/2014	2:45PM-4:00PM	Breakout	DBI-B382	Microsoft SQL Server 2014 Migration: Case Study Featuring In-Memory and Hybrid Cloud Scenarios	In this session, we share our experience upgrading mission critical databases supporting large workloads to SQL Server 2014 with minimal downtime. We then discuss the practical process of enabling some of the new features introduced in the 2014 release including in-Memory OLTP, Managed Backup, and Data Files in Microsoft Azure Storage.	Bill Kan; Emanuel Rivera Aleman; Evgeny Ternovsky	381A
5/15/2014	2:45PM-4:00PM	Breakout	DCIM-B219	Secure Design and Best Practices for Your Private Cloud	In a private cloud environment it is important to follow security best practices and to be able to validate that your environment is secure. This session reviews the guidance provided directly by the Hyper-V development team on how to construct a secure and trustworthy foundation for your private cloud. This session is focused on Hyper-V.	Patrick Lang; Sam Chandrashekar	Grand Ballrm C
5/15/2014	2:45PM-4:00PM	Breakout	DCIM-B373	How IPv6 Impacts Private Cloud Deployments	This presentation is focused on how IPv6 impacts Microsoft Private Cloud deployments. Topics covered include Hyper-V Network Virtualization (HNV), HNV Gateways, NVGRE, Windows PowerShell configuration for IPv6 addressing, DHCPv6 reservations for client hosts, IPAM integration, and general best practices for deployment.	Edward Horley	320A
5/15/2014	2:45PM-4:00PM	Breakout	DCIM-B374	TWC: Fighting Evil with Good	In the current times, threat intelligence (and the proper use thereof) is one of the more powerful weapons the anti-cybercrime community has in countering cyber-attacks from malicious actors. At Microsoft, especially in the Digital Crimes Unit, tons of threat intelligence is amassed, analyzed, and efficiently utilized to help thwart and take down cyber-crimes, the infrastructures used, as well as the criminal actors themselves. Threat Intelligence can be thought of as the malicious files, URLs, emails, IPs, DNS and a host of other information, data, meta-data and tools that were, are, have been and will be used in cyber-crime in one way or another. In this presentation, we discuss taking it one step further, and another kind of intelligence that will be a major part of our arsenal in the fight against cyber-crime. Aside from using malicious data or threat data for intelligence purposes, we will also be using clean-file data and meta data in fighting cyber-crime. Learn how the use of clean meta data can help in researching, analyzing, tracking and taking down cyber-crime, as well as how the security partners and community at large can benefit from this effort to help protect Microsoft customers and users.	Ivan Macalintal	Grand Ballrm A
5/15/2014	2:45PM-4:00PM	Breakout	DCIM-B375	Microsoft System Center 2012 R2 Orchestrator: Runbook Design 101	Get introduced to runbook design from start to finish. This session focuses on planning your runbooks, designing the runbooks, and best practices learned from experience in the field. For both beginners and experienced orchestrators!	Jakob Gottlieb Svendsen	General Assembly A
5/15/2014	2:45PM-4:00PM	Breakout	DCIM-B376	Windows Server 2003 End of Life Migration Planning for Your Workloads	Windows Server 2003 and Windows Server 2003 R2 will reach End of Life (EOL) on July 15th, 2015! That's just a little over a year, and for organizations that have not started their planning, or have migrated only a portion of their datacenter, we feel the pinch just as much as you do. Migrations can be complicated, and unlike the days of old, today there are numerous options for your destination. This session provides an organized and systematic view of your migration strategies and possible destinations. We review the tools and offers that are currently available, and walk you through our decision tree methodology that will provide you with the ability to easily target the workloads/applications that are at risk, and identify a clear migration path that will have you beating the EOL Clock!	John Allwright; Vanessa Bucher	342D

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Date	Time	Session Type	Code	Title	Abstract	Speaker	Room
5/15/2014	2:45PM-4:00PM	Breakout	DEV-B224	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 group 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.	Charles Lamanna; Gautam Thapar; Kevin Lam	350D
5/15/2014	2:45PM-4:00PM	Breakout	DEV-B372	Requirements Management: Using Microsoft Office Extensions with Team Foundation Server to Define, Manage, and Collaborate	No matter which methodology you use, defining and managing requirements well is essential in achieving project success. End-to-end traceability, automatic artifact generation, and requirements visualization are all critical in driving reductions in development rework and dramatic productivity improvement. SmartOffice4TFS, a series of native Microsoft Office / TFS plugins, provide an easy to use and comprehensive set of tools for requirements management. In this session we discuss how, in an increasingly complex modern application lifecycle, we can utilize Microsoft Word, Excel, PowerPoint, Visio, and Outlook to engage all the right stakeholders in a constant conversation.	Asif Sharif	370A
5/15/2014	2:45PM-4:00PM	Breakout	DEV-B373	Get the Most Out of Your Code Maps	Code Map and debugger maps help you understand your code, either in a Visual Studio solution, even debugging, or for code coming from Production. Come and learn scenarios you might not have imagined, (for instance coming from Application Insights), and new features we are introducing in Update 3 to help you produce useful diagrams. Finally, as Code Map is backed-up by a database – the code index – come and discover how you can leverage it to understand code dependencies beyond the solution scope, and how you can use the code index SDK to answer your architectural questions.	Jean-Marc Prieur	371A
5/15/2014	2:45PM-4:00PM	Breakout	DEV-B374	Application Lifecycle Management with Microsoft Azure Development	Wouldn't you like to use the infinite scale and resources of the cloud to make life better for your Dev & Test tasks? In this session, we show how to use the new tooling in Visual Studio and Microsoft Azure to create one or more Dev & Test environments in the cloud, whether or not your app will be deployed to the cloud. Learn how to set things up easily, how to deploy to the environments, and how to automate the whole process. We also touch on how this can be used in conjunction with Visual Studio Online and TFS, and how to even do your coding using online virtual machines.	Boris Scholl	330
5/15/2014	2:45PM-4:00PM	Breakout	DEV-B376	Building Enterprise Ready HTTP-Based Services Using ASP.NET Web API 2	Building a simple HTTP-based API that are open and available to everyone is one thing, but what happens when you want to use it as an enterprise? Well, then we have to start looking at some other things such versioning, authentication and authorization, logging and so on. In this session, see how to handle these things when building APIs using ASP.NET Web API 2.	Chris Klug	Hilton L2 Ballrm A
5/15/2014	2:45PM-4:00PM	Breakout	DEV-B377	Integration in the Cloud: Deep Dive into the Architecture of BizTalk Services	Learn about building cloud scale integration solutions based on BizTalk Services—a secure dedicated platform to host your custom artifacts and components.	Guru Venkataraman; Mark Mortimore; Vinay Badami	352D
5/15/2014	2:45PM-4:00PM	Breakout	DEV-B383	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	Hilton L2 Ballrm C
5/15/2014	2:45PM-4:00PM	Breakout	DEV-B389	Who Are You and What Do You Want? Working with OAuth in Microsoft SharePoint 2013	The new SharePoint 2013 app model extends native SharePoint applications into the cloud, allowing developers to write applications that interact with SharePoint data remotely. With these new capabilities come additional challenges for managing security and user authorization via OAuth. Administrators, IT professionals, and developers should attend this session to familiarize themselves with the core concepts behind OAuth in SharePoint 2013, learn how best to configure and manage OAuth in their environment, and discover how OAuth is used in the SharePoint app model.	Eric Shupps	310A
5/15/2014	2:45PM-4:00PM	Breakout	OFC-B347	You Sound Marvelous: An Introduction to the Lync Call Quality Methodology	The Lync Call Quality Methodology (CQM) is a practical approach that applies the broad guidance we have published in the Lync Networking Guide. CQM is a data driven framework backed by SQL queries and an operational process to systematically improve and maintain call quality. CQM was derived from Microsoft and some of our largest customer deployments. CQM was published in v2 of the Networking Guide complete with queries and an updated set of 2010/2013 KHIs. This session will go through the individual components of CQM, describe our recommended process for implementing it, show findings from using CQM and go into detail on how the SQL queries work and how you can customize them for you or your customer's needs.	Andrew Sniderman	351A
5/15/2014	2:45PM-4:00PM	Breakout	PCIT-B214	Using Dynamic Access Control and Rights Management for Information Protection	This session provides an overview of the new Dynamic Access Control capabilities built into Windows Server 8 and examples of how it is used for Compliance and Data Leakage Prevention. Administrators now have greater control over file server data by leveraging Active Directory claims, a more robust ACL model, Active Directory centralized authorization/auditing policy, and data classification.	Nir Ben Zvi; Stan Symms	332A
5/15/2014	2:45PM-4:00PM	Breakout	PCIT-B337	Advanced VDI Optimization	This breakout take a deep look at performance and configuration changes to optimize your Virtual Desktop Infrastructure (VDI) deployment on Hyper-V. We focus on the updates which are unique to Windows 8.1 and Windows Server 2012 R2, the changes specific to User Profile Management and Application Presentation with Microsoft Application Virtualization (App-V) 5.0.	Robert Smith	Hilton L2 Ballrm D
5/15/2014	2:45PM-4:00PM	Breakout	PCIT-B341	Upgrading Active Directory the Safe Way: Using Virtualization Technologies	Upgrading technologies can always be a challenge and dangerous. By using your backup solution and virtualization technology (Hyper-V) you can try out everything upfront on your real production data without risking destroying the environment. The Change Management Process will become much easier.	Mike Ressler	General Assembly C
5/15/2014	2:45PM-4:00PM	Breakout	WIN-B215	Deploying Microsoft App-V 5.0 and Citrix XenDesktop 7	With the release of XenDesktop 7, Citrix has closely integrated with Microsoft Application Virtualization (App-V) 5.0 to support Application Virtualization in deployments. In this session, we provide an overview of App-V 5.0 and how third-party products integrate with it, and then comprehensively cover how XenDesktop 7 has integrated with App-V 5.0 to provide a compelling experience for Citrix and Microsoft customers. We also cover migration strategies for customers who are moving to App-V 5.0 from Citrix Application Streaming.	Briton Zurcher; Matthijs Gates	362A
5/15/2014	2:45PM-4:00PM	Breakout	WIN-B357	Windows Phone 8.1 Security and Management: The Right Choice for the Enterprise!	Windows Phone 8.1 offers an enormous leap forward when it comes to security and manageability, making it an excellent choice for those with even the highest level of security requirements. In this session we talk about the key new security features that have been added to the Windows Phone platform that make it a great choice for enterprises and one that can compete to win against other platforms.	Chris Hallum	382A
5/15/2014	2:45PM-4:00PM	Breakout	WIN-B359	2014 Edition: How Many Coffees Can You Drink While Your PC Starts?	The legend returns with new case studies! Does your logon script spin for minutes? Are your machines sluggish after logon? This demo-heavy session (inspired by real-world Microsoft support cases) shows what not to do with enterprise PC management. Learn to use the Windows Performance Toolkit to see deep inside the boot process to find and fix delays in your own environment.	Matthew Reynolds	Grand Ballrm B
5/15/2014	2:45PM-4:00PM	Breakout	WIN-B360	Sizing App-V 5.0: Planning and Designing a Highly Available, Scalable, and Resilient Management and Delivery System	This presentation discusses Microsoft Application Virtualization (App-V) infrastructure design and lessons learned from a series of customer deployments. Topics include Management and Reporting Server design, Shared Content placement/replication, Publishing Server placement, load balancing options, Rapid Scale-out solutions, sizing calculations, and data store configuration options. Examples for using Windows PowerShell to automate and bridge product gaps are demonstrated. Use cases discussed include Published Desktops vs. Applications, VDI Density Reduction, and IOPS/Application Footprint Reduction.	Steven Thomas	361A

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5/15/2014	2:45PM-4:00PM	Breakout	WIN-B410	Advanced Microsoft Deployment Toolkit 2013 Customizations: Dueling MDT Enhancements	Taking MDT 2013 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	General Assembly B