

# MMS 2012 Session Details

*This listing provides details of the Breakout sessions currently scheduled for the MMS 2012 event. All listings are grouped by their primary content tracks, in the order listed below.*

## Session Tracks

- Application Management
- Client & Device Management
- Extra Credit Sessions
- Fabric Infrastructure Management
- Server & Virtualization Management
- Service Delivery & Automation
- Sponsor Track

*Please note that this is a preliminary list and subject to change. Additional Breakout sessions are being added daily as speakers are confirmed.*

*Please check back for updated versions of this Session Listing.*

# Breakout Sessions

## Application Management Track

<b>AM-B101</b>	<b>System Center 2012: Behind the Scenes Overview</b>
100	Ryan O'Hara; Ashvin Sanghvi
Tue 4/17 4:00p - 5:15p	
Hear directly from the engineering team that built Microsoft System Center 2012. Learn how to make the magic from the keynote come to life for your organization. Get an overview of the key improvements in System Center 2012, the design principles for 2012, how those turned into features, and finally how you can implement within your organization to achieve business value.	

<b>AM-B205</b>	<b>Welcome Windows Azure: An Introduction to Microsoft's Public Cloud Platform</b>
200	Craig Kitterman
Mon 4/16 4:30p - 5:45p	
Windows Azure is a powerful multi-purpose and highly scalable public cloud platform, providing pay-as-you-go resources to run mission critical applications. IT departments can deliver huge elastic scale to the business without large capital expenditures allowing your cost structure to map directly to business growth – always matching the demand curve perfectly. In this session, we explore the services and capabilities that are part of the Windows Azure platform such as compute, storage, messaging, CDN, networking and more – that you can take advantage of today!	

<b>AM-B305</b>	<b>App Controller: Installing, Configuring, Connecting to Private and Public Clouds, Working with VMs and the Library</b>
300	Richard Rundle; Tabrez Mohammed
Wed 4/18 4:00p - 5:15p	
In this session we cover the deployment of Microsoft System Center 2012 App Controller and how to configure the connections to System Center Virtual Machine Manager private clouds and Windows Azure subscriptions. We cover how to create user roles to delegate access to the Azure subscriptions, how to work with Virtual Machines and application resources in the library.	

<b>AM-B307</b>	<b>Application Management: Configure and Deploy Applications in Private and Public Clouds</b>
300	Cory Delamarter; Adam Hall
Wed 4/18 10:15a - 11:30a	

In this session we look at how we configure, deploy, manage and operate services in the private cloud; how we deploy and monitor Windows Azure applications; and consolidate Azure subscriptions with App Controller to allow organizations to delegate access to them. We discuss how IT can provide Application owners and developers with access to rich performance monitoring information with deep code-level insight into how the application is performing for the end user. We also look at Application Self Service, Quotas, Delegated resources, managing application resources, and the setup and configuration of application performance monitoring.

<b>AM-B308</b>	<b>System Center and Windows Azure, Part 1</b>
300	Adam Hall; Craig Kitterman
Tue 4/17 11:45a - 1:00p	
In this session we explore how to configure and deploy applications into Windows Azure using Microsoft System Center 2012.	

<b>AM-B309</b>	<b>System Center and Windows Azure, Part 2</b>
300	Vinay Balasubramaniam; Craig Kitterman; Adam Hall
Tue 4/17 2:15p - 3:30p	
Building on AM-B309, in this session we continue our exploration of managing Windows Azure with Microsoft System Center, and look at how we monitor the health and performance of hosted services. We also take a look at how we manage SQL Azure.	

<b>AM-B310</b>	<b>I've Deployed Operations Manager Application Performance Monitoring (APM): Now What?</b>
300	Alex Fedotyev; Pete Zerger
Tue 4/17 11:45a - 1:00p	
Microsoft has made deployment of the APM feature very easy, but what's next? Join former AVIcode employee and APM expert Alex Fedotyev, together with Microsoft System Center Operations Manager MVP Pete Zerger for hands-on guidance for getting the most from the APM feature in your organization. You get real-world guidance on Advisor reports, problem management and best practices. Learn how to make data easily accessible with rules and aliasing and how to protect your customers' personally identifiable information captured by APM.	

<b>AM-B311</b>	<b>Management Pack Authoring Tools: The Next Generation</b>
300	Baelson Duque; Brian Wren
Fri 4/20 8:30a - 9:45a	
The Management Pack Authoring Console has been our primary tool	

for management pack development for the last few years. We have now introduced the Visio Management Pack Designer and Visual Studio Authoring Extensions. Which console should you use under which circumstances? What are the different capabilities and advantages of each one? And what about the authoring workspace in the Operations Console? This session answers these questions and provides an overview of each tool.

<b>AM-B312</b>	<b>Operations Manager Tuning War: No Management Pack Left Behind</b>
300	Maarten Goet
Fri 4/20 10:00a - 11:15a	
So you installed Microsoft System Center Operations Manager, deployed your first agent and started importing management packs. Now, a hundred or more alerts start appearing. Was this really the best approach? How do I tune my management packs anyway? How do I get things sorted again? Come to this session led by five-year System Center MVP Maarten Goet, who draws from multiple years of field experience to show you how to successfully tackle this. No Operations Manager administrator should miss out on this session!	

<b>AM-B313</b>	<b>Why Should IT Pros Care about Application Management?</b>
300	Chris Childers; Shawn Gibbs
Thu 4/19 11:45a - 1:00p	
This session focuses on strategies for defining, virtualizing, deploying and managing private cloud applications using the new capabilities in Microsoft System Center 2012. This is a demo-rich session that highlights application management scenarios and best practices.	

<b>AM-B314</b>	<b>What's New in Monitoring SQL Server 2012 and SQL Azure for IT Operators?</b>
300	Vinay Balasubramaniam; Roman Yuferev
Thu 4/19 8:30a - 9:45a	
Do you want a peaceful night's sleep resting assured that your Tier-1 application running on Microsoft SQL Server 2012 is monitored correctly? Do you want to know how you can embrace SQL Azure and still use your existing knowledge of Microsoft System Center Operations Manager (SCOM) to monitor your applications? If you answered yes, this session is for you. In this session we provide an overview of the features in SQL Server 2012 management pack to proactively monitor your Tier-1 applications running on SQL Server 2012. In addition, we specifically talk about hybrid monitoring of SQL Azure in SCOM using SQL Azure management pack. We provide a detailed drill-down of SQL Azure database discovery and monitoring, integration with the SQL Azure management portal and proactive notification when the state of the database goes critical. The session includes detailed demos showcasing the functionality.	

<b>AM-B315</b>	<b>SharePoint As a Workload in a Private Cloud</b>
300	Michael Frank; Adam Hall
Thu 4/19 10:15a - 11:30a	
<p>Microsoft SharePoint would not automatically spring to mind when talking about service templates in a private cloud. With its sheer amount of out-of-the-box features and services and the complex and extendable infrastructure, each installation has its own deployment routine. This makes creating a standardized service template seem like a daunting process. In this session we show you how with Microsoft System Center Virtual Machine Manager and some PowerShell, you can create SharePoint service templates for the private cloud.</p>	

<b>AM-B316</b>	<b>Server App-V: End-to-End Virtual Application Deployment Using System Center 2012</b>
300	Derrick Isoka; Daniel Emerson
Wed 4/18 11:45a - 1:00p	
<p>Microsoft System Center 2012 introduces a new service-centric model of organizing your datacenter, including the ability to create portable images of your applications. This session covers the process of creating a virtual application package using the Microsoft Server Application Virtualization (Server App-V) Sequencer, importing it into System Center Virtual Machine Manager and eventually deploying it using a Service Template.</p>	

<b>AM-B317</b>	<b>Operations Manager: Hybrid Cloud Monitoring</b>
300	Åke Pettersson; Anny Timasheva
Thu 4/19 4:00p - 5:15p	
<p>In this session we detail how to set up and configure the monitoring of a Windows Azure application.</p>	

<b>AM-B318</b>	<b>Operations Manager: Application Monitoring Overview (.NET + Java)</b>
300	Michael Guthrie; Peirong Liu
Thu 4/19 2:30p - 3:45p	
<p>In this session we provide a summary of the application monitoring enabled through System Center 2012 Operations Manager against .NET and Java applications, covering the platforms and supported configurations. Come learn how Operations Manager can provide deep insight into the performance and reliability of applications without having to author custom management packs.</p>	

<b>AM-B319</b>	<b>Managing from the Cloud</b>
300	Paul Mestemaker; Åke Pettersson
Tue 4/17 10:15a - 11:30a	
<p>In this session we cover how we deliver management FROM the cloud through tools such as Microsoft System Center Advisor.</p>	

<b>AM-B321</b>	<b>System Center 2012 Suite: Real-World Solutions by CSC and Royal Mail</b>
300	Nigel Cain; Alistair Doran
Fri 4/20 10:00a - 11:15a	
<p>This session includes real-world challenges that CSC is facing in providing services to the Royal Mail Group and how Microsoft System Center 2012 transformed these services that were manual, time consuming and complex into simple automated solutions. In this session, learn how CSC has delivered a System Center 2012 solution to automate the deployment of 370 plus Datacenter servers/Branch Office servers and 27,000 desktops. In this session, hear how CSC fully automated storage provisioning for the RMG private cloud using Virtual Machine Manager 2012 and System Center 2012.</p>	

<b>AM-B322</b>	<b>Deploying and Managing Applications on Windows Azure</b>
300	Craig Kitterman; Adam Hall
Wed 4/18 2:15p - 3:30p	
<p>In this session we dive a little deeper into the structure of a Windows Azure application and how it differs from a traditional on-premise or private cloud application. We discuss the architecture of Windows Azure and explore how its various services can be easily used by Developers and IT Professionals. Finally, we look at what Windows Azure application packages actually look like and how to deploy, monitor, and scale those applications.</p>	

<b>AM-B323</b>	<b>Understand How Hyper-V and System Center Stand Up against the Competition</b>
300	Matt McSpirit; Vlad Joanvic
Thu 4/19 11:45a - 1:00p	
<p>With the launch of Microsoft System Center 2012, Microsoft is bringing to market the most comprehensive and integrated datacenter and cloud management solution. When combined with Hyper-V, it enables customers to build autonomous, efficient and cost effective private clouds, and enables customers to focus on what's important to them: their applications and services. In this session, we compare and contrast the Microsoft technologies with vSphere and vCenter from VMware, and showcase why Microsoft offers the best solution for your datacenter today and in the future.</p>	

## Client & Device Management Track

<b>CD-B102</b>	<b>State of the Union</b>
100	Deb McFadden; Bill Anderson
Hall C	
Tue 4/17 10:15a - 11:30a	
<p>It's back...the annual kick-off session for MMS! Anyone who uses, or has ever considered using, Microsoft Systems Management Server or System Center Configuration Manager must see this session. As always, we lay the foundation for the entire week from a Configuration Manager perspective by discussing all the things going on in the World of Configuration Manager. See updates on roadmaps, partner integration projects, engineering processes, early product and quality feedback, and probably a few more "surprises"! This session gets the Configuration Manager 2012 party started and ensures you are well prepared for a full week of breakouts and labs—ready to start learning about the next great version of Configuration Manager.</p>	

<b>CD-B201</b>	<b>Accelerate Design and Implementation of Configuration Manager 2012 Using Microsoft Services Offerings to Enable Flexible Workstyle</b>
200	Samesh Singh; Scott Culbertson; Lutz Seidemann
Tue 4/17 10:15a - 11:30a	
<p>This session provides you with an overview on Flexible Workstyle solutions to help you rapidly design/configure/architect/build/test/rollout Microsoft System Center 2012 Configuration Manager (SCCM) deployment engagements. We review Microsoft Services customer learnings from SCCM 2012 deployments, along with a discussion on how to get ready for SCCM 2012 focused on Device Management, Application Management, FEP, and OSD. This session also provides an end-to-end view from pre-sales to full deployment with tips and tricks.</p>	

<b>CD-B206</b>	<b>Intelligent Systems: The Next Big Opportunity</b>
200	Chris Caille
Fri 4/20 11:30a - 12:45p	
<p>Beyond specialized devices, Intelligent Systems mark the next frontier as the market begins to adopt new technologies that enable connectivity, new user interfaces, and adopt innovative business models that harness this intelligence throughout the Information Communications and Technology ecosystem. IDC believes this new generation of intelligent systems and its respective ecosystem will have broad reach and establish the next wave in computing over the next five years. Learn how Intelligent Systems and cloud-based business models dramatically change the competitive landscape. Will intelligent systems and cloud computing continue to be the catalysts that drive the next cycle of growth?</p>	

<b>CD-B207</b>	<b>Configuration Manager 2012: Getting Started</b>
200	Kim Oppalfens; Jason Sandys; Jason Sandys
Mon 4/16 1:30p - 2:45p	
<p>Learning a new product is a big task, but the key is knowing where to begin. In this session, join two experienced Microsoft System Center Configuration Manager MVPs as they get you going on the right path to not only using Configuration Manager, but also mastering it. This session discusses and demonstrates the top issues that stump rookies and veteran administrators.</p>	

<b>CD-B208</b>	<b>Enabling Flexible Workstyles with Intelligent Infrastructure</b>
200	Jason Leznek; Adwait Joshi; David Tesar
Wed 4/18 4:00p - 5:15p	
<p>End users are bringing consumer devices into the organization! iPhones, iPads, Tablets and Smartphones are now part of the corporate environment. All of this is adding pressure for the client administrators to deal with this influx of diverse devices. Microsoft Client management technologies, along with our partners', can help IT enable consumerization. Learn how to enable Consumerization of IT with Flexible Workstyle's Intelligent Infrastructure.</p>	

<b>CD-B209</b>	<b>Hierarchy Simplification with Configuration Manager 2012: A Real-World Example</b>
200	Jarvis Davis
Thu 4/19 10:15a - 11:30a	
<p>One company, 15,000 systems, 70 locations...and 23 Primary Sites in Microsoft System Center Configuration Manager 2007. This may be the poster child for hierarchy simplification with System Center 2012 Configuration Manager. Working with Configuration Manager 2012 RC1, we were able to plan the architecture redesign to simplify this down to a single primary site while expanding the ability to safely delegate management across multiple business units. This case study digs into the decision process that took place through the architecture and management redesign process.</p>	

<b>CD-B210</b>	<b>Microsoft Desktop Virtualization: The Right Technology for Your Business Scenario</b>
200	Karri Alexion-Tiernan; Skand Mittal
Wed 4/18 10:15a - 11:30a	
<p>Deploying Desktop Virtualization is becoming one of the top priorities for our customers, but they want to understand what technology best addresses their pain points and where to start. Join us to learn which desktop virtualization strategy to implement when you face business problems like: How do I migrate to newer version of Windows OS easily? How do I embrace Consumerization? Get answers to: When</p>	

should I consider App-V? Where does RDS and VDI apply? What are new capabilities of the DV stack?

<b>CD-B211</b>	<b>Windows Deployment 101: Getting Started with Windows 7 Deployment</b>
200	Ben Hunter; Michael Niehaus
Mon 4/16 12:00p - 1:15p	
<p>Still running Windows XP? Time is running out to move forward to Windows 7. In this session we discuss how the deployment process has changed, what tasks you need to perform, and tools that are available from Microsoft to help.</p>	

<b>CD-B213</b>	<b>Windows Intune Overview</b>
200	Kimberly Johnson; Dilip Radhakrishnan
Wed 4/18 10:15a - 11:30a	
<p>Windows Intune released one year ago and continues to lead the way with client management in the cloud! Learn about all the latest capabilities being offered and explore what is possible. This session touches on all the core capabilities of the Windows Intune product and is critical for anyone wanting to understand the benefits of the cloud approach to client management.</p>	

<b>CD-B305</b>	<b>Block Group Policy Processing During a Task Sequence in Microsoft Deployment Toolkit</b>
300	Steven Yarnot
Tue 4/17 2:15p - 3:30p	
<p>In this session, learn simple methods to extend the Microsoft Deployment Toolkit (MDT) in your build process to enhance the value of your imaging process.</p>	

<b>CD-B309</b>	<b>Extending Configuration Manager to Embedded Devices with Windows Embedded Device Manager</b>
300	Arvid Elias; Robert Peterson
Tue 4/17 4:00p - 5:15p	
<p>Learn how Windows Embedded Device Manager allows you to manage the growing number of Windows Embedded devices, extending Microsoft System Center Configuration Manager 2007 and the upcoming version of Device Manager with Microsoft System Center 2012 Configuration Manager. We demonstrate Windows Embedded Device Manager in the context of a production enterprise setting. The session covers embedded device prerequisites and dependencies, creating a collection of embedded devices in the management console, configuring software and updates to be deployed as packages, and showcases security features that fix the image and prevent unwanted modification.</p>	

<b>CD-B310</b>	<b>Incorporate BGIInfo into Your Build Process in the Microsoft Deployment Toolkit</b>
300	Steven Yarnot
Mon 4/16 4:30p - 5:45p	
<p>This session covers simple methods to extend the Microsoft Deployment Toolkit (MDT) in your build process to enhance the value of your imaging process.</p>	

<b>CD-B311</b>	<b>Configuration Manager 2012: Application Management Technical Overview</b>
300	Bill Anderson; Mahyar Ghadiali
Tue 4/17 2:15p - 3:30p	
<p>Microsoft System Center 2012 Configuration Manager allows users to be productive from anywhere, on both corporate and consumer devices. It evaluates device and network capabilities to deliver applications in the most optimal way for the user, whether that is through a local installation, streaming through App-V, or a presentation server like integration with Citrix XenApp. Configuration Manager gives users access to any business applications on a wide array of mobile platforms. In this session we provide a deep technical overview of the new application model and end-user application catalog that delivers this flexible working environment.</p>	

<b>CD-B312</b>	<b>What's New in Microsoft Deployment Toolkit 2012?</b>
300	Michael Niehaus; Ben Hunter
Thu 4/19 10:15a - 11:30a	
<p>The next version of the Microsoft Deployment Toolkit (MDT) will be released soon! Learn about all the new features and enhancements in this version, including support for Microsoft System Center 2012 Configuration Manager; the ability to deploy to UEFI computers; integration with the DaRT tools; and much more.</p>	

<b>CD-B314</b>	<b>A Geek's Guide to the Galaxy: Building a Configuration Manager 2012 OS Deployment Solution</b>
300	Johan Arwidmark
Tue 4/17 2:15p - 3:30p	
<p>Join Johan Arwidmark for a demo-packed session on how to build a Windows 7 deployment solution, based on Microsoft System Center 2012 Configuration Manager and Microsoft Deployment Toolkit (MDT) 2012 Zero Touch, from start to finish.</p>	



<b>CD-B315</b>	<b>Configuration Manager 2012: Plan, Deploy, and Migrate from Configuration Manager 2007</b>
300	D.C. Tardy; Eric Orman
Wed 4/18 10:15a - 11:30a	
Building on the Deployment and Infrastructure Design session, this technical session walks you through planning and deploying a Microsoft System Center 2012 Configuration Manager hierarchy, including migration from an existing Configuration Manager 2007 hierarchy. Learn about the various migration scenarios, tools such as Package Conversion Manager (PCM) and Physical-to-Virtual (P2V), and share best practice guidance as your customers go to Configuration Manager 2012.	

<b>CD-B316</b>	<b>Day-to-Day Client and Security Management on Configuration Manager 2012</b>
300	Jason Tang; Brian Shaw; Karthikeyan Jayavel
Thu 4/19 2:30p - 3:45p	
This session dives into using Microsoft System Center 2012 Configuration Manager and Endpoint Protection to secure the desktops today at Microsoft. Hear how Microsoft is using System Center today, from Configuration Manager CCM Eval keeping your client healthy to DCM's auto-remediation capabilities. We also dive into client security with the new System Center Endpoint Protection (SCEP) client and see how new automatic deployment rules in 2012 are helping keep your clients up to date with the latest signatures leveraging SCEP.	

<b>CD-B317</b>	<b>End-to-End Integrated Management with System Center 2012 and Forefront</b>
300	Maarten Goet
Tue 4/17 10:15a - 11:30a	
Want to see hands-on how all the Microsoft System Center 2012 products work together to manage the common Windows platform? In this session full of demonstrations, Maarten Goet, five-year System Center MVP, shows you System Center 2012 for the Optimized Desktop and Optimized Datacenter. See Service Manager 2012, Configuration Manager 2012, Endpoint Protection 2012, Virtual Machine Manager 2012, Operations Manager 2012, Data Protection Manager 2012 and Orchestrator 2012!	

<b>CD-B318</b>	<b>Experience the Ultimate in Desktop Support with Operations Manager</b>
300	Rory McCaw
Tue 4/17 10:15a - 11:30a	
Supporting desktops in large organizations has become increasingly complex. Support teams that are looking to streamline support through improved, remote troubleshooting while working in the security constraints of 'least privilege' access need to look at how Microsoft	

System Center Operations Manger, Opalis and System Center Configuration Manager can be configured to work together to provide a single, easy-to-use and relevant solution. This session will get the light bulbs going off and get you thinking about the 'art of the possible.'

<b>CD-B319</b>	<b>Get the Most Out of Patching with System Center Updates Publisher 2011 and Configuration Manager 2012: The Easy Way</b>
300	Steven Rachui
Thu 4/19 11:45a - 1:00p	
Patch deployment has become a mission critical function of Configuration Manager. Typically the built-in patching system is used only to deploy patches released by Microsoft. By using System Center Updates Publisher (SCUP) 2011 it is possible to get even more out of your Configuration Manager investment by enabling patching of third-party applications. This session walks through required steps for configuring SCUP 2011 to work with Configuration Manager 2012 and then demonstrates how easy it is to deploy custom patches as a result.	

<b>CD-B320</b>	<b>How Microsoft Deployed Configuration Manager 2012 to (Almost) 280,000 Desktops</b>
300	Shitanshu Verma; Dharmendra Thotakura; Karthikeyan Jayavel
Thu 4/19 4:00p - 5:15p	
Bring your deployment questions and join this session to hear from the team that's done the largest deployment to date of Microsoft System Center 2012 Configuration Manager. Hear about the overall project schedule, migration, client deployment, software center, settings management, the new app model, integrated management and security, and more. You can take this deployment as a blueprint for your own Configuration Manager deployment—in what to do or what not to do.	

<b>CD-B321</b>	<b>How to Manage Your Mobile Devices with Configuration Manager 2012 in Real Life</b>
300	Panu Saukko
Thu 4/19 8:30a - 9:45a	
What is really needed to manage mobile devices with Microsoft System Center 2012 Configuration Manager? How do you connect Microsoft Exchange Server 2010 to your Configuration Manager 2012? What is required to install Configuration Manager 2012 client to mobile devices? What benefits do clients on mobile devices provide? Join this session to hear the lessons learned from implementing mobile device management on a real customer environment.	

<b>CD-B322</b>	<b>Inside a Configuration Manager 2012 Task Sequence</b>
300	Michael Niehaus
Wed 4/18 2:15p - 3:30p	
In this session, we demonstrate the inner workings of a task sequence, showing the various steps in the process, how information is passed to and between each step, what the steps do, and how to troubleshoot when things don't go as expected.	

<b>CD-B323</b>	<b>Leveraging PCM to Convert Applications into the New Application Model for Configuration Manager 2012</b>
300	Kristina Ashment; Chris Adams
Wed 4/18 11:45a - 1:00p	
Microsoft System Center 2012 Configuration Manager Package Conversion Manager (PCM) is a feature pack download that converts many packages and programs to the Configuration Manager 2012 Application Model. Join this session to understand how you can use PCM to analyze packages/programs to determine their readiness for app model conversion. Learn how PCM will automatically convert many packages to applications, as well as migrating collection properties to global settings and requirement rules.	

<b>CD-B324</b>	<b>Mobile Device Management with Configuration Manager 2012 and Odyssey Software's Athena</b>
300	Adwait Joshi
Tue 4/17 4:00p - 5:15p	
Microsoft System Center 2012 Configuration Manager introduces device management and with this partner technology we can provide depth management for non-Windows devices. This session provides a discussion of how Configuration Manager with Odyssey can be positioned to manage devices in an organization.	

<b>CD-B325</b>	<b>OS Deployment of Servers and Clients in a Fortune 50 Company with Configuration Manager 2012</b>
300	Mark Haralson; Christopher Minaugh
Thu 4/19 11:45a - 1:00p	
This session covers the end-to-end OS management of servers and clients in an enterprise environment. We cover image methodologies (i.e., CBA of fat vs. thin vs. hybrid), image strategy (bare metal, full media, prestige media) and offline reference image. We also cover task sequence variables to support one global task sequence per OS, common preflight checks, configurations and driver management for over 75 unique models. In conclusion, we discuss Linux image	

deployment in 2012.

**CD-B326 Surviving the SUP Winds of Change: A Real-World Story On Translating the SUP Process from Configuration Manager 2007 to 2012**

300 Angie Stahl; Greg Ramsey

Wed 4/18 4:00p - 5:15p

Join Angie and Greg as they present the real-world experience of transitioning the software update process in Microsoft System Center Configuration Manager 2007 to System Center 2012 Configuration Manager. They highlight some of the game changers that Configuration Manager 2012 brings to the table (i.e., ADRs and Software Update Groups). They also give some insight and best practice guidelines on when to use System Center Updates Publisher versus the new Configuration Manager 2012 App Model when deploying custom updates.

**CD-B327 Configuration Manager 2012: Deployment and Infrastructure**

300 Bryan Keller; D.C. Tardy

Tue 4/17 11:45a - 1:00p

Microsoft System Center 2012 Configuration Manager helps IT to streamline operations with a unified infrastructure that integrates client management and protection across mobile, physical and virtual environments. A strong engineering investment has been made in optimizing the site and hierarchy architecture for the Configuration Manager 2012 release. This session examines the changes and provides guidance on how best to design and deploy an optimized Configuration Manager 2012 infrastructure. We cover site server roles, boundary management, Role Based Administration, Discovery, Inventory, content deployment and changes to Collections.

**CD-B328 Configuration Manager 2012: Maximizing Security**

300 Aaron Czechowski

Fri 4/20 11:30a - 12:45p

This session demonstrates successful methods for using Microsoft System Center 2012 Configuration Manager where security is a priority. Topics include host-based security with Windows Server 2008 R2 using the Specialized Security / Limited Functionality (SSLF) policy baseline and Security Configuration Wizard (SCW) templates, hardening underlying components such as SQL Server and IIS, and maximizing security with Configuration Manager Mixed Mode.

**CD-B329 Configuration Manager 2012: Operating System Deployment Technical Overview**

300 John Vintzel

Wed 4/18 10:15a - 11:30a

Microsoft System Center 2012 Configuration Manager offers the ability to create and deploy images to computers that are managed by Configuration Manager or deployed to new or unmanaged computers. Understand the changes to OSD from Configuration Manager 2007 including integration with the Configuration Manager 2012 Applications, updates to PXE, improved automation extensibility and changes related to the new hierarchy design.

**CD-B330 Configuration Manager 2012: Overview**

300 Russ Wilson; Bryan Keller

Mon 4/16 3:00p - 4:15p

Are you ready for Microsoft System Center 2012 Configuration Manager? We are excited about the most important release for the client administrators. Configuration Manager 2012 will manage heterogeneous devices and introduces a new way to deploy applications; these capabilities will enable the Consumerization of IT. But there is more...NEW interface, improved setting management, role-based administration, and infrastructure reduction. Join this overview session to get up to speed on all the new capabilities of Configuration Manager 2012.

**CD-B331 Configuration Manager 2012: Security and Compliance Management**

300 Jason Githens; Onur Koc

Thu 4/19 10:15a - 11:30a

Software Update and Setting Management are the two pillars of security and compliance. Organizations can define models of Operating System, Application, Update levels and more. This approach to managing systems now evolves in Microsoft System Center 2012 Configuration Manager to provide a state-based foundation of the Application Model, User Centric computing, and model-based compliancy.

**CD-B332 Endpoint Protection 2012: Overview**

300 Mark Florida; Jason Githens; Adwait Joshi

Wed 4/18 11:45a - 1:00p

Forefront Endpoint Protection is now System Center Endpoint Protection. Attend this session to discover what's new and hear how MSIT successfully deployed Microsoft System Center 2012 Endpoint Protection on System Center 2012 Configuration Manager.

**CD-B333 Troubleshooting Configuration Manager 2012 OS Deployments**

300 Johan Arwidmark

Thu 4/19 2:30p - 3:45p

Join Johan Arwidmark, one of the world's foremost deployment experts in a dazzling session on the tools and processes to use when troubleshooting OS Deployments using Microsoft System Center 2012 Configuration Manager. Learn about common issues and their workarounds, parsing log files, driver handling, WinPE, PXE Troubleshooting, Unknown Computers and much more. Johan shares his notes from the field, and his tips & tricks making OS Deployment using Configuration Manager 2012 even better.

**CD-B334 Understanding Console Extension for Configuration Manager 2007 and 2012**

300 Matthew Hudson

Tue 4/17 10:15a - 11:30a

Did you know you can use Vbscript, Batch, PowerShell, and more to launch your command? If you can create it, Configuration Manager can pass the parameter to it! Learn how to create extensions in both Microsoft System Center Configuration Manager 2007 and System Center 2012 Configuration Manager. Find out which collection a machine is in, locate a missing collection and speed up those mundane tasks that affect every administrator. Learn about how the right click tools have changed and what tools are available to you.

**CD-B335 You Did What? Worst Practices in Configuration Manager 2012 and How to Fix Them**

300 Sherry Kissinger; Brian Mason

Thu 4/19 8:30a - 9:45a

Brian Mason and Sherry Kissinger (both Microsoft MVPs from Wells Fargo) show best practices and tips to keep you from having to ask, "Where are we going and why are we in this hand basket?" Topics: Inventorying everything just because you can? What security: everyone's an admin? Too many deployments targeting too many collections? No clue what most of the items are you've added to SINNV? I have to have a CAS! We don't need DCM.

**CD-B336 A Drivers Saga: The Control Freak Meets the Dynamic Developer**

300 Michael Niehaus; Johan Arwidmark

Tue 4/17 11:45a - 1:00p

One of the biggest challenges of Windows deployment is dealing with device drivers. Meet Johan Arwidmark and Michael Niehaus as they share lessons learned around handling device drivers in the deployment process. As a foundation, the Microsoft Deployment Toolkit (MDT) 2012 and Microsoft System Center 2012 Configuration Manager platform is used. You can expect a lot of live demos, tips and tricks in this session.

<b>CD-B337</b>	<b>Deploying Windows: Extending Microsoft Deployment Toolkit UDI 2012 to Customize the Deployment Experience</b>
300	Cameron King; Chris Adams
Tue 4/17 2:15p - 3:30p	
<p>MDT User Driven Installation (UDI) provides an extensible deployment experience. Attend this session to see the new MDT UDI wizard, to understand what's customizable, to see how MDT UDI works with Microsoft System Center 2012 Configuration Manager, and to take home what developers can extend to create new UDI Wizard pages and new UDI Designer pages. Hear about how Microsoft is leveraging MDT UDI 2012 to deploy Windows at Microsoft! Bring your MDT UDI questions to this session.</p>	

<b>CD-B342</b>	<b>Extreme MDT: Deploying 90,000 Windows 7 Workstations in 16 Months</b>
300	Gregory Brace; Doug Klokow; Christopher Moreno; Joseph Paradi
Wed 4/18 11:45a - 1:00p	
<p>In this session, learn about the rapid deployment of Windows 7 to a global enterprise using the media deployment capabilities of Microsoft Deployment Toolkit (MDT). Learn how Accenture's own technology department adopted a full offline deployment solution to perform a domain-join to their corporate network, pre-stage and set up DirectAccess services for hundreds of their client workstations, and use web services to automatically specify client configuration information for joining Active Directory to support role-based deployment options.</p>	

<b>CD-B343</b>	<b>How to Develop a Successful Flexible Workspace Strategy (Thin, Thick, VDI, Tablet...)</b>
300	Eduardo Kassner
Thu 4/19 4:00p - 5:15p	
<p>New desktop technologies such as VDI, Tablets, Consumerization, among other pressures are causing many IT environments to consider re-architecting their desktop infrastructure. In this session, see predictions, market share as well as market trends, and then proceed to separate myths from facts by reviewing major analysts' opinions over time. This strategy focuses on meeting your users desktop requirements based on roles / personas, rather than implying that one technology fits all.</p>	

<b>CD-B344</b>	<b>Maximizing Windows 7 Performance: Troubleshooting Tips</b>
300	Johan Arwidmark
Fri 4/20 10:00a - 11:15a	

Ever thought about what Windows 7 actually is doing while you are waiting? Learn to troubleshoot and analyze a wide range of performance problems including application start times, boot issues, deferred procedure calls and interrupt activity (DPCs and ISRs), system responsiveness issues, application resource usage, and interrupt storms.

<b>CD-B345</b>	<b>Provisioning, Managing, and Supporting BitLocker with Microsoft BitLocker Administration (MBAM)</b>
300	Tim Crabb
Tue 4/17 4:00p - 5:15p	
<p>Securing data at rest grows in importance with each passing day and BitLocker is a great drive encryption technology that will help you keep your data secure. Come join us to learn about recent improvements to Microsoft BitLocker Administration (MBAM) and how it will make BitLocker easier to provision, manage, and support within your environment.</p>	

<b>CD-B346</b>	<b>Removing the Shackles of Legacy Software: Best Practices for Enabling Platform Agility in the Enterprise</b>
300	Chris Jackson
Mon 4/16 12:00p - 1:15p	
<p>With a desktop deployment project, you can't avoid the conversation around application compatibility. How should you put together a solution? What options are available? How can I be sure I am meeting my users' and customer's needs? Join Chris Jackson ("The App Compat Guy") to learn best practices to solve the app compat challenge and adopt the latest versions of Windows, Internet Explorer, and Microsoft Office quicker, faster, and cheaper—and leave you in a more agile position for the future.</p>	

<b>CD-B347</b>	<b>Troubleshooting Windows 7 Deployments</b>
300	Ben Hunter
Mon 4/16 4:30p - 5:45p	
<p>When everything works, Windows 7 deployment is great. But what about when things break? In this session, we look at common causes and solutions for failed Windows 7 deployments, looking at issues with the Windows 7 installation process itself (SETUP and related tools), Microsoft Deployment Toolkit (MDT) 2010 (Lite Touch), Microsoft System Center Configuration Manager 2007 SP2, and System Center 2012 Configuration Manager (Zero Touch).</p>	

<b>CD-B348</b>	<b>Why You Should Integrate Microsoft Deployment Toolkit 2012 with Configuration Manager 2012</b>
300	Mikael Nystrom; Johan Arwidmark
Thu 4/19 8:30a - 9:45a	
<p>Join Johan Arwidmark and Mikael Nystrom to learn why integrating MDT 2012 with Microsoft System Center 2012 Configuration Manager will make your OS Deployments life easier. You can expect a lot of real-world customer scenarios explained and demonstrated.</p>	

<b>CD-B349</b>	<b>Microsoft Private Cloud Database Appliance</b>
300	Steven Wort; Mark Mortimore
Mon 4/16 3:00p - 4:15p	
<p>If you have dozens to hundreds of servers and are interested in understanding the consolidation / private cloud options available today, this is a session you'll want to attend! This session dives into the NEW DBC Appliance, leveraging virtualization and tuned and balanced infrastructure. We go into detail regarding all phases of consolidation including how to assess environments using the MAP toolkit, how the appliance architecture enables high levels of performance, isolation, and resiliency, and into details around core operational capabilities such as P-to-V and self-service workflow-enabled provisioning of new fully configured servers. Also, we cover advanced capabilities such as chargeback, sustained engineering (upgrades and patching), load balancing, and more.</p>	

<b>CD-B350</b>	<b>Windows Intune Deep Dive</b>
200	Nilesh Bhide; Venkateswaran Bharathan
Wed 4/18 4:00p - 5:15p	
<p>There are many exciting things taking place with cloud-based client management! This session offers a deep dive exploration on the latest version of Windows Intune. We explore all the latest capabilities, including user centric management, software distribution, updates management, and policy management. Join this session for a detailed overview of Windows Intune.</p>	

<b>CD-B406</b>	<b>Configuration Manager 2012 and PowerShell: Better Together</b>
400	Greg Ramsey
Tue 4/17 11:45a - 1:00p	
<p>Are you ready to take your Configuration Manager Admin experience to the next level? Greg shows you how to use PowerShell with Microsoft System Center 2012 Configuration Manager. Manage Deployments, Collections, Applications, Packages, Programs, and even Software Updates! We also discuss how to use PowerShell to</p>	

interrogate your Configuration Manager 2007 environment to help prepare for migration to Configuration Manager 2012.

<b>CD-B407</b>	<b>Deep Dive into Configuration Manager DRS and SEDO</b>
400	Saud Al-Mishari
Fri 4/20 10:00a - 11:15a	
This session covers the new data replication model in Microsoft System Center 2012 Configuration Manager. We look at RCM, DRS and SEDO and their role in hierarchy simplification and their architecture. Troubleshooting of DRS and Microsoft SQL Server Service Broker is covered with a demo, along with demos of how to extract various DRS information regarding replication groups configuration and SEDO. This session is aimed at IT Pros who will provide depth support of Configuration Manager 2012 hierarchies and deployments.	

<b>CD-B408</b>	<b>Implementing Security Compliance Manager for Compliance in Configuration Manager 2012</b>
400	Brett Bennett; Santos Martinez
Thu 4/19 2:30p - 3:45p	
In this session, see Microsoft System Center 2012 Configuration Manager Administrator and learn how to use Security Compliance Manager and the baseline templates to apply them in setting management. This will allow the administrators to check for Compliance in their IT Environment.	

<b>CD-B409</b>	<b>Configuration Manager 2012: Application Management Advanced Topics and Troubleshooting</b>
400	Bill Anderson; Mahyar Ghadiali
Tue 4/17 4:00p - 5:15p	
This session provides a REALLY deep look into some of these advanced features of application management and how you can use them in the real world. More specifically, this session shows you a more advanced look at the components in software delivery and how the hand-offs occur between them in normal software delivery. Consider it a precursor SuperFlow for software deployment! The session also details all the new log files that these components use and how you can use these them (with, or without Notepad) to troubleshoot common failures. Finally, we walk through some of the most common failure scenarios and show how you can troubleshoot them as you put Configuration Manager 2012 into your lab environments.	

<b>CD-B410</b>	<b>Configuration Manager 2012: The Expert Quiz</b>
400	Kent Agerlund; Kim Oppalfens
Fri 4/20 11:30a - 12:45p	

During this in-depth session on Configuration Manager 2012 four teams will go head-to-head in a challenging Quiz about Configuration Manager 2012. Kim Oppalfens (Inovativ) and Kent Agerlund, Microsoft System Center Configuration Manager MVPs, completely impartial and innocent referees, aim to make this an entertaining and interesting experience by pitching the Configuration Manager Product team, a Microsoft Field team (Steve Rachui & Michael Schultz), an MVP team, and a team of community members against each other.

<b>CD-B411</b>	<b>Configuration Manager 2012: Infrastructure Advanced Topics and Troubleshooting</b>
400	D.C. Tardy
Wed 4/18 2:15p - 3:30p	
Are you looking for technical details on Microsoft System Center 2012 Configuration Manager infrastructure? This is the session for you as we dive deep into a technical discussion of hierarchy design and troubleshooting techniques while providing guidance on how best to deploy an optimized Configuration Manager infrastructure. We provide you with a solid understanding of new Configuration Manager replication technology focusing on replication basics, setup, replication initialization, data replication services and troubleshooting.	

<b>CD-B412</b>	<b>Customizing the Microsoft Deployment Toolkit</b>
400	Keith Garner
Mon 4/16 1:30p - 2:45p	
Are you using the Microsoft Deployment Toolkit (MDT)? Want to learn about the opportunities for customizing MDT to meet your specific requirements? In this session, we explore the available options, from wizard modifications to web services, to custom scripting and more.	

### Extra Credit Sessions Track

<b>EC-B101</b>	<b>MMS 101: Conquering the Summit</b>
100	Warren Byle
Mon 4/16 12:00p - 1:15p	
If this is your first time attending the Microsoft Management Summit, then don't miss this session! Learn priceless tips and tricks to maximize your time at MMS2012. We give you the inside scoop on all the sessions, labs and Expo vendors. If that's not enough, we help you network with other attendees and alumni from your area. Finally, we answer all your questions so that you have everything you need to conquer the Summit!	

<b>EC-B205</b>	<b>Future Trends: Artificial Intelligence in IT</b>
200	James McCaffrey
Mon 4/16 3:00p - 4:15p	
Dr. James McCaffrey from Microsoft Research in Redmond presents a short, informal talk on the future of artificial intelligence techniques in IT. Learn about neural networks, simulated bee colony algorithms, particle swarm optimization, and bacterial foraging algorithms and how in just a few years they will be applied to IT challenges such as security and Cloud data.	

<b>EC-B206</b>	<b>How Participating in Community Can Save Money, Your Life, and Your Job</b>
200	Ron Crumbaker; Rod Trent
Thu 4/19 2:30p - 3:45p	
One of the key differentiators between a Microsoft management solution and another vendor's is the strong community presence. In this session, hear from community experts about how the cost of deploying, managing, and maintaining a management product from Microsoft is simplified and enhanced through participation in community.	

<b>EC-B405</b>	<b>Top 10 Skills Your IT Team Must Possess</b>
400	Laura Chappell
Wed 4/18 10:15a - 11:30a	
Create a ninja team of IT professionals that can spot lousy applications, queuing along a path, network devices killing throughput, incompatible client and server configurations, and more. In this session, Ms. Chappell demonstrates detection skills and tools used to fine tune network performance and reduce troubleshooting time.	

### Fabric Infrastructure Management Track

<b>FI-B205</b>	<b>Data Center Services Solutions from Microsoft</b>
200	Travis Gerber
Mon 4/16 1:30p - 2:45p	
Microsoft's Datacenter Services Solutions (DCS) integrates technology, people and processes to help you transform your datacenter into a business asset customized to the unique needs of your business. Attend this session and learn about different DCS solutions and how they can help you 1) Deliver Private Cloud and datacenter solutions through a centralized management platform, 2) Enable efficient utilization of hardware and IT resources, and 3) Accelerate the deployment of new solutions using industry-leading architectures and service deliver frameworks. This session features a case study to show	



how DCS helped one business transform their datacenter into a strategic business asset.

<b>FI-B305</b>	<b>How Microsoft Uses Operations Manager 2012 to Monitor Its Configuration Manager Infrastructure</b>
300	Partha Chandran; Arun Ramakrishnan; Cory Delamarter
	Thu 4/19 4:00p - 5:15p
<p>In this session we cover three key monitoring strategies: MPs, Application Performance Monitoring, and Synthetic Transaction Monitoring. In this session, you gain knowledge of the Microsoft System Center Configuration Manager infrastructure monitoring changes from 2007 to 2012, hear how Microsoft is better able to monitor two environments, 20K datacenter environment and 280K client environment, and how implementation of System Center 2012 Operations Manager has helped us go beyond the traditional monitoring capabilities and increase overall health and availability of our Configuration Manager 2012 infrastructure.</p>	

<b>FI-B306</b>	<b>Beyond DataCenter Management: Closing the Loop with All Up System Center Private Cloud</b>
300	Tiander Turpijn; Martin Vliem
	Thu 4/19 2:30p - 3:45p
<p>This session shows you the ultimate, game-changing, end-to-end private cloud management scenario enabled by Microsoft System Center 2012 and Windows Server. With the in-depth support of product group members, we have been working from the early betas onward to build the scenario our customers are dreaming of: a full closed loop private cloud management solution. The scenario we demonstrate covers the full flow from service definition (SCVMM), (self) service request and change management (SCSM), service deployment (SCO), service consumption and scaling (AppController) to automatic service operations (SCOM Distributed Applications) that automatically adapt to any changes in the service. We include many advanced possibilities like the full flexibility of the SCSM self-service portal, automatic delegation of control, fast provisioning of workloads and servicing running service template instances with Server App-V packages. We present you the customer-ready story you can use, highlight the unique strengths of the solution and demonstrate the technology details of the integration. We also talk about some live customer cases where we already engaged with the solution. Come to this session and understand and experience how the end-to-end integration of our System Center 2012 stack uniquely helps our customers to gain the benefits of private cloud and shows our strengths as compared to any competitor in this space.</p>	

<b>FI-B307</b>	<b>Cloud Clustering: Leveraging System Center 2012 for Continual Availability in the Private Cloud</b>
300	Symon Perriman
	Wed 4/18 4:00p - 5:15p
<p>Keep your services online by using Microsoft System Center 2012 high-availability features to dynamically and automatically manage your highly-virtualized datacenter. Join Private Cloud Technical Evangelist Symon Perriman to learn how System Center can leverage such technologies as Failover Clustering, Network Load Balancing, Service Redirection, Backup &amp; Restore and more to provide continual availability to your mission critical applications. This session explores many new features in System Center Virtual Machine Manager, Advisor, Data Protection Manager, Operations Manager and Orchestrator.</p>	

<b>FI-B308</b>	<b>Getting to the System Center 2012 Datacenter Stack</b>
300	Jim Livingston; Charlie Satterfield
	Mon 4/16 3:00p - 4:15p
<p>Do you have a customer on the System Center Datacenter Suite? Are they looking to benefit from the System Center 2012 Datacenter and Cloud solutions: Operations Manager, Orchestrator, Service Manager, and App Controller? Hear from a team that is upgrading their datacenter management and monitoring stack to 2012. Learn the upgrade approach, opportunities for re-architecture, and see how some of the new features are already impacting the monitoring service in production.</p>	

<b>FI-B309</b>	<b>Hyper-V High-Availability and Mobility: Designing the Infrastructure for Your Private Cloud</b>
300	Symon Perriman
	Tue 4/17 10:15a - 11:30a
<p>Private Cloud Technical Evangelist Symon Perriman leads this session discussing Windows Server 2008 R2 Hyper-V and Failover Clustering design, infrastructure planning, and deployment considerations for your highly-available datacenter or Private Cloud. Do you know the pros and cons of how different virtualization solutions can provide continual availability? Do you know how Microsoft System Center 2012 can move the solution closer to a Private Cloud implementation? This session covers licensing, hardware, validation, deployment, upgrades, host clustering, guest clustering, disaster recovery, multi-site clustering, System Center Virtual Machine Manager 2008 &amp; 2012, and offers a wealth of best practices. Prior clustering and Hyper-V knowledge recommended.</p>	

<b>FI-B310</b>	<b>Operations Manager: Topology Simplification and Upgrade</b>
300	Satya Vel
	Fri 4/20 10:00a - 11:15a
<p>In this session, explore how to use the Microsoft System Center 2012 components of Virtual Machine Manager and Configuration Manager. Learn how they work together to provide configuration management of your Hyper-V hosts, and your other datacenter components. Get answers to questions like: Which do I use, and when? What would I do in an environment where I may have a mixed set of management tools?</p>	

<b>FI-B311</b>	<b>Infrastructure Management: Configure and Deploy</b>
300	Kenon Owens
	Tue 4/17 11:45a - 1:00p
<p>As you are transitioning to a Private Cloud, you have to take into account how you manage the compute, storage and networking fabric of your infrastructure. After you have configured the fabric, you will abstract these from the underlying physical infrastructure and create your Private Cloud creating delegated access for your Self Service users.</p>	

<b>FI-B312</b>	<b>Infrastructure Management: Monitor and Operate</b>
300	Kenon Owens
	Tue 4/17 2:15p - 3:30p
<p>Once you have the infrastructure deployed for the Private Cloud, you need to monitor your resources to ensure your infrastructure Service Levels. Also, you have to maintain this environment and protect from outages while minimizing costs. Leverage the existing infrastructure, ensure the services running are getting the resources they need. Control who has access to these resources and how much of the resources they access. Ensure these services run on approved versions of the operating system. Easily update and maintain these services whether it is the Operating System or the application.</p>	

<b>FI-B313</b>	<b>Introduction to Visio Management Pack Designer, Extending the Visio Management Pack Designer</b>
300	Brian Wren; Baelson Duque
	Wed 4/18 10:15a - 11:30a
<p>The Visio Management Pack Designer is a new add-in for Microsoft Visio that allows you to create management packs with little more complexity than drawing a Visio diagram. This session provides an overview of the features of this new tool and walks through the creation of a sample management pack. The new Visio Management</p>	

Pack Designer allows you to create a management pack by creating a Visio drawing and setting configuration details on shapes. But what if you need functionality that you don't have a shape for? One of the advantages of the tool is its extensibility, meaning that you can create a new shape with custom functionality. This session provides the details on how to create a custom shape and walks through a complete example illustrating each step.

<b>FI-B315</b>	<b>Operations Manager: Monitoring the LAMP Stack on Linux and UNIX</b>
300	Kristopher Bash; Michael Kelley
Wed 4/18 10:15a - 11:30a	

In this session, we walk through monitoring your Linux and UNIX hosts and applications, focusing on the Linux/Apache/MySQL/PHP application stack as an example. New Linux/UNIX agent administration and authoring features in Microsoft Sytem Center 2012 Operations Manager are showcased.

<b>FI-B316</b>	<b>Operations Manager: Network Monitoring</b>
300	Vishnu Nath
Tue 4/17 4:00p - 5:15p	

In this session we cover in detail the new network monitoring capability in Microsoft Sytem Center 2012 Operations Manager. We discuss how to set up and configure, what hardware and monitoring protocols we support, and how we provide rich visualization allowing customers to quickly pinpoint issues and the machines affected.

<b>FI-B317</b>	<b>Operations Manager 2012: Overview of What's New</b>
200	Victor Mushkatkin; Joseph Chan
Tue 4/17 2:15p - 3:30p	

In this overview session, we provide a summary of all the major changes in Microsoft System Center 2012 Operations Manager and what new functionality has been included.

<b>FI-B318</b>	<b>System Center 2012: Managing Multiple Hypervisors VMware and Xen and How They Fit into the Microsoft Private Cloud</b>
300	Greg Cusanza; Hector Linares
Thu 4/19 2:30p - 3:45p	

With a lot of our customers still running VMware, but wanting to move to the Private Cloud, this session covers how Microsoft System Center 2012 can provide the management capabilities needed to monitor and operate the Private Cloud with VMware.

<b>FI-B319</b>	<b>Virtual Machine Manager 2012: Advanced Troubleshooting</b>
300	Eric Winner; Alvin Morales; Gokcen Iskender; Greg Cusanza
Thu 4/19 4:00p - 5:15p	

This session walks through separate case studies of troubleshooting from Microsoft System Center 2012 Virtual Machine Manager TAP. See how we found root cause in a performance related problem, a network port leak, and another challenging issue.

<b>FI-B320</b>	<b>Virtual Machine Manager 2012: Service Creation and Deployment from the Ground Up</b>
300	V Raman; Vijay Tewari; Stephen Baron
Wed 4/18 4:00p - 5:15p	

We all know that you can create a service template and deploy services within Microsoft System Center Virtual Machine Manager (VMM), but what does it look like under the covers? What is a Custom Resource, how do you create it, and what does VMM do with it? How do you create a SQL Template VM (what if you don't want the SQL tier to run in a VM)? How does Server App-V fit into all of this? This session walks through all of the internals of the Service and VM Templates and how they are used to build a service within VMM including best practices.

<b>FI-B321</b>	<b>Virtual Machine Manager 2012: Maintenance and Updates to a Service and the Underlying Hypervisor Infrastructure</b>
300	Paul Chang; Stephen Baron; Carmen Summers
Thu 4/19 8:30a - 9:45a	

This Chalk Talk covers maintenance and updates to your Microsoft System Center 2012 Virtual Machine Manager environment—the good, the bad, and the ugly. How do I update the Hyper-V hosts? How do I update a service (in place or image based)? I had this thing called the OVMST, what can (or can't) I do now?

<b>FI-B322</b>	<b>Virtual Machine Manager 2012: PowerShell Is Your Friend, and Here's Why</b>
300	Susan Hill; Hector Linares
Thu 4/19 11:45a - 1:00p	

Unlock the Power of Microsoft System Center 2012 Virtual Machine Manager (VMM) scripting using our PowerShell guide and building into the VMM Script Repository.

<b>FI-B323</b>	<b>Virtual Machine Manager 2012: Feature Drilldown on Libraries, Service Template Import/Export, and More</b>
300	Carmen Summers; V Raman

Thu 4/19 4:00p - 5:15p	
In this session we cover features and functions not covered in any other session: libraries, import and export service templates, effective use of job logs, and more!	

<b>FI-B324</b>	<b>Virtual Machine Manager 2012: Cool Things You Can Do with Storage</b>
300	Hector Linares; Anand Balasubramanian; Benjamin Davidson
Wed 4/18 11:45a - 1:00p	

This session offers a scenario walk-through of managing storage in Microsoft System Center 2012 Virtual Machine Manager. It covers the setup environment for proper tracing, runs through functionality test cases, and injecting faults to show how tracing works. It walks through end-to-end scenario test cases, shows how it makes the admin's life easier, and features an end-to-end scenario at scale test cases. Plus, learn how to create 50 VMs in 10 minutes.

<b>FI-B325</b>	<b>Virtual Machine Manager 2012: Zero to Cluster to Cloud</b>
300	Kerim Hanif; Ani Anirudh
Fri 4/20 11:30a - 12:45p	

I have three Bare Metal machines, and I want to make them into a Hyper-V cluster using Microsoft System Center Virtual Machine Manager. How do I do this? This session includes a walk-through of the entire process end-to-end including Windows PE customization, VHD creation, pre-deployment GCEs for raid configuration, host GCEs for NIC teaming, allocating storage and creating the cluster.

<b>FI-B326</b>	<b>Advanced Analytical Reporting with System Center 2012</b>
300	Sean Roberts
Wed 4/18 2:15p - 3:30p	

In this session, learn about the new Advanced Analytical reporting capabilities in Microsoft System Center 2012 which allow you to bring together data from Operations Manager, Configuration Manager, and Virtual Machine Manager into the Service Manager data warehouse. Find out how you can then utilize predefined Microsoft OLAP data cubes to display this data in Microsoft SharePoint. Learn how you can manipulate information and have a common taxonomy for your whole enterprise using standard tools such as Microsoft Excel and SharePoint.

<b>FI-B327</b>	<b>Automating Protection and Recovery with Data Protection Manager and the System Center Suite</b>
300	Orin Thomas; Mike Ressler
Fri 4/20 8:30a - 9:45a	

Ensuring that a service is protected so that it is easily recoverable can be time consuming, complicated, and tedious. Performing a recovery can be routine or stressful. Automating the protection and recovery of services can minimize mistakes and failures. We show how you can use Microsoft System Center Data Protection Manager and System Center to deliver an automated protection and recovery service for your organization: Driven from Service Manager, organized by Orchestrator and implemented through Data Protection Manager.

**FI-B328 How to Build a Microsoft Private Cloud in Your Own Lab in 1,000 Tiny Steps with Free Trial Software**

300 Harold Wong; John Weston  
Tue 4/17 4:00p - 5:15p

You have probably worked with Hyper-V and Microsoft System Center before. But how do you use these tools to build out your own Private Cloud? Harold Wong and John Weston share real-world experience from building out a mini private cloud. Learn what worked and what they would do differently next time. They discuss System Center 2012 (Virtual Machine Manager, Operations Manager, Orchestrator and App Controller). Free software <http://aka.ms/syscntr12>

**FI-B329 Private Cloud 2012: Lessons Learned from Our Early Adopters**

300 Dottie Shaw; Nigel Cain  
Wed 4/18 2:15p - 3:30p

Join us to explore the scenarios and deployments of the Private Cloud 2012 early adoption program based on the Microsoft System Center 2012 products! This session examines the scenarios and designs of a successful, scalable, elastic Private Cloud infrastructure and takes attendees through the early enterprise customer deployments. We give you an inside look at the solutions that were rolled out during the Private Cloud TAP, highlight what worked and caution you about the challenges customers faced.

**FI-B330 System Center 2012 Unified Installer**

300 Nigel Cain; Rob Willis  
Thu 4/19 8:30a - 9:45a

Microsoft System Center 2012 Unified Installer is designed to perform new distributed installations of all 7 System Center 2012 components for evaluation, testing, or to set up a Proof of Concept. It will install all System Center 2012 prerequisites including Microsoft SQL Server on pre-built Windows Server systems (virtual or physical). System Center installations used to take days or weeks... now they can be completed in under 2 hours.

**FI-B405 Data Protection Manager 2012: What's New?**

400 Rob Willis  
Tue 4/17 10:15a - 11:30a

In this session, we talk about changes in Microsoft System Center 2012 Data Protection Manager, our focus areas, monitoring multiple servers under one console, reporting changes, and more.

**Service Delivery & Automation Track**

**SD-B305 Operations Manager and Orchestrator: Better Together**

300 Brian Wren  
Thu 4/19 10:15a - 11:30a

Management packs in Microsoft System Center Operations Manager and Runbooks in System Center Orchestrator both run automated processes and have some overlapping capabilities. You are often left with the question of which is the best to use for a particular scenario, and the best solution in certain cases is to use both in combination. This session provides decision criteria of when each technology is the most appropriate and provides examples of scenarios using both. This session is valuable whether you are familiar with Operations Manager, Orchestrator, or both.

**SD-B306 System Center 2012 Self Service: The Future of SSP**

300 Sean Christensen; Adam Hall  
Thu 4/19 11:45a - 1:00p

In this session we explain how the capabilities in SSP have been incorporated into Microsoft System Center Service Manager and App Controller, what the solution looks like, how you get there, and what to tell your customers.

**SD-B307 Service Delivery and Automation: Configure and Deploy**

300 Sean Christensen  
Mon 4/16 3:00p - 4:15p

Configuring and deploying service delivery and automation with the Microsoft System Center 2012 suite is about delivering IT services effectively and consistently. This session covers how the System Center 2012 suite of products supports the delivery of IT services through process and systems automation.

**SD-B308 Service Delivery and Automation: Monitor and Operate**

300 Sean Christensen  
Tue 4/17 2:15p - 3:30p

This session focuses on the monitoring and operating aspects of service delivery and automation through the Microsoft System Center 2012 suite, such as building an integrated CMDB and driving proactive and reactive processes.

**SD-B309 Service Manager 2012 at Microsoft**

300 Jim Livingston  
Wed 4/18 11:45a - 1:00p

The MPSD team has migrated from Microsoft System Center Service Manager 2010 to System Center 2012 Service Manager. Service Manager is used to manage and monitor the servers that run Microsoft.com, Windows Intune, AMOPS, and Azure-based applications. This session demonstrates how MPSD is able to leverage some of the new features in 2012: the service catalog/portal, better reporting through cubes and new reporting features, and changes/updates to release management. The team shares some lessons learned, such as using scripting to get the catalog from customers in a spreadsheet to catalog production in Service Manager. Hear how the upgrade process works, and learn other tricks and tips to make Service Manager your enterprise scale ticketing system.

**SD-B310 Service Manager 2012: Automated Request Offering in Six Steps**

300 Marc Umeno; Travis Wright; Ketan Ghelani  
Wed 4/18 2:15p - 3:30p

Delivering a self-service experience for a private cloud is not as hard as you might think. This session walks through the six steps needed to establish a self-service experience using Microsoft System Center Service Manager, Orchestrator, and the Service Catalog.

**SD-B311 Service Manager 2012: Industry Best Practices for the Datacenter and Private Cloud**

300 Nagender Vedula; Travis Wright; John Ballard  
Wed 4/18 4:00p - 5:15p

Microsoft System Center 2012 Service Manager, coupled with the rest of the System Center suite, delivers industry best practice capabilities for managing your datacenter and adhering to Industry Best Practices. This session presents how the System Center suite supports Industry frameworks like ITIL and MOF with the features introduced in the 2012 release.

<b>SD-B312</b>	<b>Service Manager 2012: System Center Data Warehouse, Reporting, and Dashboards</b>
300	John Ballard; Travis Wright; Nagender Vedula
Thu 4/19 8:30a - 9:45a	
<p>Microsoft System Center 2012 Service Manager introduces a new reporting capability that spans across the System Center suite. This session presents the new capabilities of the Service Manager data warehouse and how to take advantage of the cross-product capabilities provided with the new data warehouse architecture.</p>	

<b>SD-B313</b>	<b>System Center 2012 and Orchestrator: Real-World Solutions By General Mills and Office 365 Dedicated SharePoint</b>
300	Eamon O'Reilly; Baskar Narayanan; Ryan Andorfer
Thu 4/19 2:30p - 3:45p	
<p>This session includes real-world challenges that IT departments are facing and the process to transform these once complex and time consuming practices into automated self-service solutions. In this session, learn how General Mills, using Microsoft System Center Orchestrator along with System Center Configuration Manager (SCCM), have delivered a single automated input process for SCCM package requests. Also, hear how the Microsoft Office 365 teams have leveraged Orchestrator to deliver self-service hosted SharePoint environments to their customers by automating once lengthy manual change request processes.</p>	

<b>SD-B314</b>	<b>Application Lifecycle Management with System Center 2012</b>
300	Patrik Sundqvist; Anders Ravnholt; Jonas Ullman
Tue 4/17 11:45a - 1:00p	
<p>This session unveils the Application Lifecycle Management using Microsoft System Center 2012 and Microsoft Visual Studio Team Foundation Server (TFS). Learn how TFS, in collaboration with System Center products, assists in building, deploying, operating and optimizing your Application Lifecycle. See how to integrate System Center and TFS to track and deploy the application. Understand how Operations Manager detects, Service Manager tracks, Orchestrator automates and TFS manages and controls the Application Lifecycle.</p>	

<b>SD-B315</b>	<b>System Center 2012: Monitoring and Operations Tips and Advice</b>
300	Gordon McKenna
Thu 4/19 4:00p - 5:15p	
<p>From the team behind the System Center MOC comes advice on monitoring and operating your Microsoft System Center 2012 Private Cloud infrastructure. This session shows you how to successfully use System Center 2012 to monitor and operate your Private Cloud</p>	

environment. Learn how to configure Service Templates for dynamic and scalable provisioning, configure 360 degree monitoring of applications, self-service cloud provisioning, continuous data protection and datacenter automation.

<b>SD-B316</b>	<b>Top 10 Production Experiences with Service Manager and Orchestrator</b>
300	Nathan Lasnoski
Mon 4/16 4:30p - 5:45p	
<p>Microsoft MVPs share their top production experiences with Microsoft System Center Service Manager and Orchestrator. Hear about best practices from implementations serving thousands of users and crazy interesting application automation. Find out what you need to know about these tools before you deploy.</p>	

<b>SD-B317</b>	<b>System Center 2012 Orchestrator: Policy to Runbook Migration Tips</b>
300	Charles Joy
Fri 4/20 8:30a - 9:45a	
<p>Do you have a bunch of Opalis Policies that you need up and running in Orchestrator? Have you hesitated to migrate away from OIS? Would you like to know some tips/tricks to ensure the transition goes smoothly? Whether you are a beginner or expert, join us for a discussion on what to look out for, what will be easy, and what will take some planning when migrating from "Policy" to "Runbook" in System Center 2012 - Orchestrator.</p>	

<b>SD-B318</b>	<b>Real-World Solutions from Trafikverket, a System Center Early Adopter</b>
300	Tabrez Mohammed; Carmen Summers; Pontus Blomqvist; Christer Almlof
Fri 4/20 10:00a - 11:15a	
<p>This session will include real world challenges that Trafikverket faced in providing services to one of it's clients. This session will focus on how System Center 2012 transformed services that were manual time consuming and complex into simple automated solutions.</p>	

<b>SD-B405</b>	<b>Orchestrator: Building Integrations with Orchestrator Integration Toolkit (OIT)</b>
400	Ravi Chintalapudi; Robert Hearn
Tue 4/17 4:00p - 5:15p	
<p>No out-of-the-box integration to Microsoft System Center Orchestrator? No problem! Either you didn't look hard enough or there really is no integration for the system you want Orchestrator to work with. Either way the Orchestrator Integration Toolkit is for you. This session focuses on what the OIT is, how it works, and how you go about building integrations to other systems to pass information into</p>	

Orchestrator to be used as part of runbook workflows.

## Server & Virtualization Management Track

<b>SV-B205</b>	<b>Overview of Server Management Technologies in Windows Server "8"</b>
200	Jeffrey Snover; Erin Chapple
Wed 4/18 10:15a - 11:30a	
<p>In this session, we explore several advancements in Windows Server "8" that enable customers to improve their management density with more servers per admin. Deploying and managing lots of machines running Windows Server has never been easier with remote multi-machine management and robust automation capabilities layered over standard-based protocols. New enhancements in Windows Server "8" make this possible: WinRM, WMI, SMI-S, Server Manager, GP, PowerShell, ISE, Web Services, Web Access.</p>	

<b>SV-B206</b>	<b>Virtual Machine Manager 2008 R2 to 2012: Things You Need to Know</b>
200	Iftekhar Hussain
Tue 4/17 4:00p - 5:15p	
<p>Using Microsoft System Center Virtual Machine Manager 2008 R2 and want to get to know all the new features of System Center 2012 Virtual Machine Manager? Then this session is for you. This session provides a technical overview of Virtual Machine Manager 2012 to kick start your understanding of all new features and take your virtualization management to whole new levels. Relate the major capabilities of Virtual Machine Manager 2012 with your technical pain points in your environment, and learn about the full power that the System Center 2012 can now provide your virtualized environment.</p>	

<b>SV-B207</b>	<b>Common Migration Blockers for Configuration Manager 2012</b>
300	Rodney Jackson
Thu 4/19 10:15a - 11:30a	
<p>Review common migration blockers for Microsoft System Center 2012 Configuration Manager. This session is designed to help Configuration Manager 2007 Administrators or anyone new to Configuration Manager 2012 to avoid the common blockers to improve their experience while reducing downtime. For example, how to avoid issues with migrating distribution points from Configuration Manager 2007 to Configuration Manager 2012.</p>	



<b>SV-B305</b>	<b>Security Compliance Manager (SCM): How to Streamline the Security Management Process for Windows Operating Systems and Microsoft Applications</b>
300	Elias Mereb; Santos Martinez
Thu 4/19 10:15a - 11:30a	
<p>In this session, learn to easily manage configuration drift and address compliance requirements for Windows operating systems and Microsoft applications. Security Compliance Manager enables you to quickly configure and manage computers and your private cloud using Group Policy and Microsoft System Center Configuration Manager, providing ready-to-deploy policies and DCM configuration packs based on Microsoft Security Guide recommendations and industry best practices.</p>	

<b>SV-B306</b>	<b>Using Microsoft Virtual Machine Converter to Migrate to Hyper-V</b>
300	Daniel Moore
Mon 4/16 4:30p - 5:45p	
<p>Take a deep dive into Microsoft Virtual Machine Converter, the free solution being offered by Microsoft that enables conversion of VMWare disks and machines to Hyper-V disks and machines. This session covers the range of capabilities and scenarios including single, stand-alone conversions, unattended bulk conversions and Microsoft System Center integration. This is an ideal starting point for anyone wishing to explore or demonstrate migration from VMWare to Hyper-V and System Center Virtual Machine Manager.</p>	

<b>SV-B307</b>	<b>Automate VDI VM Placement with RDS Connector for Virtual Machine Manager</b>
300	Samim Erdogan
Thu 4/19 4:00p - 5:15p	
<p>This breakout session discusses the integration of RDS VDI with Microsoft System Center Virtual Machine Manager (VMM) and show how the RDS Connector for VMM helps manage placements of Pooled or Personal Virtual Desktops leveraging VMM Placement capabilities. The session also covers the configuration of RDS Connector and best practices in deploying VDI with VMM. See the functionality of RDS Connector for VMM in action in our demo and learn first-hand how it helps ease the placement problems.</p>	

<b>SV-B308</b>	<b>Becoming the Next Private Cloud Expert in Your Organization</b>
300	Yung Chou
Mon 4/16 12:00p - 1:15p	
<p>As cloud computing is fast emerging as a vehicle for IT to deliver</p>	

<p>services, private cloud can perplex many IT professionals. This presentation is to help IT professionals acquire clarity and the technical knowledge of private clouds by demystifying myths, examining solution architecture, and walking through the process of deploying a sample private cloud. From this session, you will gain technical insights and be on your way of becoming the next private cloud expert in your organization.</p>	
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<b>SV-B310</b>	<b>Deep Dive: Windows Server 2008 R2 SP1 Hyper-V Changes - Dynamic Memory and RemoteFX</b>
300	John Weston
Mon 4/16 1:30p - 2:45p	
<p>With the release of Windows Server 2008 R2 SP1 we saw two new features added: Dynamic Memory and RemoteFX. This session focuses on how Dynamic Memory works, how you use it within your Hyper-V environment, and how you update existing VMs. We focus on RemoteFX and how, using Desktop Virtualization, users will be able to work remotely in a Windows Aero desktop environment, watch full-motion video, enjoy Silverlight animations, and run 3D applications – all with the fidelity of a local-like performance when connecting over the LAN.</p>	

<b>SV-B311</b>	<b>DirectAccess in Windows Server "8": Taking the RemoteAccess Experience to the Future</b>
300	Josh Heller
Wed 4/18 11:45a - 1:00p	
<p>DirectAccess was first introduced in Windows Server 2008 R2 / UAG 2010 and gives users the experience of being seamlessly connected to their corporate network any time they have Internet access. With Windows Server "8", DirectAccess will be easier to deploy; many perquisites that were considered as show stoppers by customers will disappear. Join us to talk about those cool features and how it can take your RemoteAccess implementation to the next level.</p>	

<b>SV-B312</b>	<b>Don Jones' Windows PowerShell Crash Course</b>
300	Don Jones
Thu 4/19 11:45a - 1:00p	
<p>Windows PowerShell v3 is here, and it is delivering on Microsoft's promise to make nearly everything in Windows manageable from the command-line. Are you finally going to learn the shell - or learn to say, "would you like fries with that?" instead? No scripting experience needed - use the shell as it is meant to be used to accomplish real administrative tasks with just a few commands. Also, learn how the shell can teach you how to use itself.</p>	

<b>SV-B313</b>	<b>Windows Server 2008 R2 Hyper-V FAQs, Tips, and Tricks</b>
300	Janssen Jones
Wed 4/18 4:00p - 5:15p	
<p>Deploying clustered Hyper-V servers involves a wide variety of technologies, including Hyper-V, Failover Clusters, Cluster Shared Volumes, Live Migration, Virtual Machine Manager, PowerShell, iSCSI and FC storage, dynamic and fixed VHDs, pass-through disks, LBF0, Server Core and more. Janssen Jones and Nathan Lasnoski, Microsoft Virtual Machine MVPs, have spent the years immersed in complex Hyper-V deployments, and have gathered a wealth of information to share. Updated in 2012 with Windows Server "8" features!</p>	

<b>SV-B315</b>	<b>Managing Group Policy Using PowerShell</b>
300	Darren Mar-Elia
Thu 4/19 11:45a - 1:00p	
<p>In this session, learn how to automate many Group Policy management and troubleshooting tasks using both the built-in Group Policy Module as well as free third-party add-ons and built-in PowerShell capabilities. The session includes samples on using many of the cmdlets provided in Windows 7 and Windows Server 2008 R2 for creating, linking, permissioning and reporting on GPOs. We also look at how you can use PowerShell and free cmdlets written by the speaker to extend what you can do with Group Policy using PowerShell, including additional management, reporting and troubleshooting tasks. Finally, we look at what's changing with PowerShell Management of Group Policy in Windows 8.</p>	

<b>SV-B316</b>	<b>Migrating Virtual Environments to Hyper-V: The Easy Way</b>
300	Mark Gosson; Matt Carpenter
Thu 4/19 8:30a - 9:45a	
<p>Do you think converting VMware VMs to Hyper-V is a complicated, labor-intensive process? Did you know you can automatically migrate thousands of VMs to Hyper-V with the click of a button? Presented by Microsoft and Veeam, this session explains how to assess your VMware environment and mass-migrate using the Virtual Machine Migration Toolkit. Understand how you can leverage the Virtual Machine Migration Toolkit to migrate your VMware VMs to Hyper-V safely and easily.</p>	

<b>SV-B317</b>	<b>Top 10 Things Every Systems Admin Needs to Know about Windows Server 2008 R2 SP1</b>
300	Dan Stolts
Mon 4/16 3:00p - 4:15p	
<p>Windows Server 2008 R2 is an awesome operating system, and the real</p>	

benefits are for the IT administrator. Do you know how Dynamic Memory works and how to use it? You will! How are your Hyper-V skills? We'll make them better! Ever used the graphical interface from PowerShell? We'll show you how! What happened to Terminal services? We'll show you! If you're an IT administrator you don't want to miss this session.

<b>SV-B319</b>	<b>Windows PowerShell for Beginners</b>
300	Jeffrey Snover; Travis Jones
Tue 4/17 4:00p - 5:15p	

Learn about Windows PowerShell, Microsoft's interactive command line shell and scripting solution directly from its inventor and architect – Microsoft Distinguished Engineer Jeffrey Snover. PowerShell combines the interactivity of KSH or BASH, the programmability of Perl or Ruby, and the production-orientation of AS400 CL or VMS DCL. Whether you're solving the problem at hand or scripting, standardizing, and automating your IT processes, PowerShell can help.

<b>SV-B320</b>	<b>Windows Server "8" Dynamic Access Control</b>
300	Nir Ben-Zvi
Thu 4/19 8:30a - 9:45a	

This session provides an overview of the new Dynamic Access Control capabilities built into Windows Server "8" and how it can best be leveraged for Compliance and Data Leakage Prevention. Administrators now have greater control over file server data by leveraging Data Classification, Active Directory claims and centralized authorization/auditing policy. This session also showcases the data classification toolkit integrated with Windows Server "8" Dynamic Access Control.

<b>SV-B321</b>	<b>Microsoft Private Cloud Fast Track: The Next Generation of Private Cloud Reference Architecture</b>
300	Bryon Surace; Mike Truitt
Tue 4/17 2:15p - 3:30p	

Microsoft Private Cloud Fast Track delivers the fastest path to Private Cloud via pre-validated configurations from Microsoft and server partners. Originally announced at TechEd Europe in November 2010, Fast Track has continued to gain momentum and is currently undergoing major updates for v2. Fast Track v2 includes a full reference architecture and design principles for compute, network, storage and management components including Microsoft System Center 2012. Join us for this session where we delve into architecture and design principles including the advanced functionality delivered with System Center 2012. We also cover several of the Fast Track configurations from our partners that are in market today and coming to market soon!

<b>SV-B322</b>	<b>Windows Server "8" Overview</b>
300	Michael Leworthy
Tue 4/17 10:15a - 11:30a	

With Windows Server "8", Microsoft delivers a dynamic, available, and cost-effective server platform that will help take customers Beyond Virtualization by offering dynamic, multitenant infrastructure. It enables the Power of Many Servers, with the Simplicity of One integrating a highly available and easy-to-manage multiserver platform. It opens the door to Every App, Any Cloud giving you the flexibility to build and deploy applications on-premises, in the cloud, and in a hybrid environment. And, it Enables the Modern Work Style by providing users with flexible access to data and applications virtually anywhere on any device. But what does that really mean? This session provides a practical overview of Windows Server "8", with a key focus on demonstrating the technologies which will change your IT forever.

<b>SV-B323</b>	<b>Hyper-V Storage and Networking in Windows Server "8"</b>
300	Jeff Woolsey
Wed 4/18 4:00p - 5:15p	

Windows Server "8" Hyper-V revolutionizes the way your IT will use networking and storage. In this session, we cover the changes to the Windows Server "8" Hyper-V storage and networking stack. We dive into the enhancements around the new virtual disk format, integrating new storage industry innovations around offloaded data transfer and large sector disks, and detail the new storage options for Hyper-V including Storage spaces and SMB file storage. We also overview Networking Virtualization, and new networking enhancements including NIC teaming, Quality of Service and the new Hyper-V Extensible Switch.

<b>SV-B324</b>	<b>Top 10 Reasons to Choose Microsoft Hyper-V R2 SP1</b>
300	Erdal Ozkaya
Tue 4/17 11:45a - 1:00p	

Customer and industry excitement for Microsoft Hyper-V has continued to grow as demonstrated through its rapid, 285% market share increase in less than two years. In this session, explore some of the motivation behind this growth including insight into customer adoption, advantages over VMware vSphere 5, best-in-class performance for virtualized workloads and licensing advantages. Come and learn how you can adopt this success model. Expect fewer slides and lots of real-life demos.

<b>SV-B405</b>	<b>Advanced Automation Using Windows PowerShell 2.0</b>
400	Jeffrey Snover; Travis Jones
Thu 4/19 10:15a - 11:30a	

This session showcases the improvements to Windows PowerShell introduced in Windows 7 and Windows Server 2008 R2. Demos for this talk include how to easily build administration GUI over PowerShell, how IT administrators can create cmdlet functionality without the need for programming skills, PowerShell Remoting, jobs, modules, script internationalization and debugging, among others.

<b>SV-B406</b>	<b>PowerShell Remoting in Depth</b>
400	Don Jones
Fri 4/20 8:30a - 9:45a	

Remoting is a foundation feature in Windows PowerShell, and is poised to become one of the most important protocols on your network. Do you know how it works? Can you troubleshoot it? Can you configure it in a variety of scenarios to meet your organization's needs for security and operations? Don Jones, PowerShell author and MVP, walks you through the nitty-gritty details of Remoting, showing examples for a variety of scenarios and covering its troubleshooting features in great detail.

<b>SV-B407</b>	<b>Top 10 Reasons the Network is Slow</b>
400	Laura Chappell
Wed 4/18 11:45a - 1:00p	

Ninety-percent of the onsite analysis requests received in the last 12 months deal with these 10 network issues. In this session Ms. Chappell explains the cause of each performance problem, shows how to detect each issue and provides numerous detection/correction tips along the way. Take this Top 10 list back to your IT team and share the numerous free resources provided during this session. Save money. Save time. Focus on mastering this Top 10 list.

## Instructor-led Labs

### Application Management Track

<b>AM-IL302</b>	<b>System Center 2012 Application Performance Monitoring</b>
300	Daniel Savage
Venetian Ballroom D	Tue 4/17 2:15p - 3:30p
Learn how the powerful application performance monitoring and deep application insight works in System Center 2012. Following the AVICode acquisition, we have integrated this functionality into Operations Manager which reduces the infrastructure required and simplifies the discovery and configuration process for enabling and configuring Application Performance Monitoring.	

<b>AM-IL304</b>	<b>System Center 2012 Operations Manager Java Monitoring</b>
300	Peirong Liu
Venetian Ballroom D	Tue 4/17 4:00p - 5:15p
Learn about System Center 2012 Operations Manager Java monitoring, how to enable it, configure and see how easy it is to get rich information about both the health and performance of your Java applications.	

<b>AM-IL305</b>	<b>System Center 2012 Operations Manager Linux Monitoring</b>
300	Michael Kelley
Venetian Ballroom D	Thu 4/19 4:00p - 5:15p
Learn about System Center 2012 Operations Manager Linux monitoring, how to enable it, configure it and get rich information about the health and performance of your Linux platforms.	

### Client & Device Management Track

<b>CD-IL305</b>	<b>Basic Software Distribution in Configuration Manager 2012</b>
300	Wally Mead
Venetian Ballroom B	Mon 4/16 12:00p - 1:15p
Venetian Ballroom C	Mon 4/16 4:30p - 5:45p
Venetian Ballroom C	Thu 4/19 10:15a - 11:30a
Microsoft System Center 2012 Configuration Manager has many new features for distributing software to users and computers. In this lab, become familiar with the basics of software distribution in Configuration Manager 2012, including deploying packages and programs, as well as creating and deploying a simple application to clients. Experience the new Software Center application used for	

deploying software targeted to computers.

<b>CD-IL306</b>	<b>Deploying a Configuration Manager 2012 Hierarchy</b>
300	Wally Mead
Venetian Ballroom B	Tue 4/17 2:15p - 3:30p
Deploying a Microsoft System Center 2012 Configuration Manager hierarchy is quite different than how you deploy a Configuration Manager 2007 environment. You must deploy sites in a specific order using specific types of sites. And you must configure the hierarchy at site setup time. In this lab, experience the process of deploying a Configuration Manager 2012 hierarchy, including a central administration site, a primary site, as well as a secondary site.	

<b>CD-IL307</b>	<b>Deploying Configuration Manager 2012</b>
300	Wally Mead
Venetian Ballroom B	Mon 4/16 3:00p - 4:15p
Venetian Ballroom C	Tue 4/17 2:15p - 3:30p
Venetian Ballroom C	Wed 4/18 10:15a - 11:30a
While deploying a Microsoft System Center 2012 Configuration Manager site is somewhat similar to how you deploy a Configuration Manager 2007 site, there are still many differences you need to be aware of. In this lab, experience the process of deploying a Configuration Manager 2012 primary site, including post-installation configuration to support client deployment. Use Active Directory Forest Discovery, create boundaries and boundary groups, discover resources, install site systems, and install a client.	

<b>CD-IL308</b>	<b>Deploying Windows 7 to Bare Metal Systems with Configuration Manager 2012</b>
300	Wally Mead
Venetian Ballroom B	Tue 4/17 4:00p - 5:15p
The process of capturing and deploying an operating system in Microsoft System Center 2012 Configuration Manager is fairly similar to that of Configuration Manager 2007. However there are enhancements to operating system deployment in Configuration Manager 2012. In this lab, prepare your site to integrate with Windows Deployment Services (WDS) for use in a PXE deployment of Windows 7. Capture a Windows 7 reference system, then import that image into Configuration Manager 2012, and finally deploy it to a bare metal system. Also, configure the user device affinity relationship as part of the OSD process.	

<b>CD-IL309</b>	<b>Implementing Endpoint Protection 2012 in Configuration Manager 2012</b>
300	Wally Mead

Venetian Ballroom B	Tue 4/17 11:45a - 1:00p
Microsoft System Center 2012 Endpoint Protection is the newest release of Forefront Endpoint Protection. It is completely integrated into the System Center 2012 Configuration Manager product, and uses the existing Configuration Manager 2012 features and capabilities to implement and manage antimalware and Windows firewall setting for clients using Endpoint Protection. In this lab, experience the end-to-end installation, configuration, and implementation of Endpoint Protection.	

<b>CD-IL311</b>	<b>Getting Started with Microsoft Deployment Toolkit (MDT) 2012</b>
300	Ben Hunter; Michael Niehaus
Venetian Ballroom A	Mon 4/16 10:30a - 11:45a
Venetian Ballroom A	Wed 4/18 10:15a - 11:30a
In this lab, the core Lite Touch deployment scenarios are examined: Configuring a deployment share, adding content to the deployment share, creating task sequences, deploying a new computer from the network, refreshing an existing computer, and deploying from DVD media. Additionally, new functionality present in MDT 2012 is reviewed.	

<b>CD-IL312</b>	<b>Implementing Role-Based Administration in Configuration Manager 2012</b>
300	Wally Mead
Venetian Ballroom B	Wed 4/18 10:15a - 11:30a
Microsoft System Center 2012 Configuration Manager provides a completely new and comprehensive security architecture in terms of managing which tasks administrators can perform, on which objects can they perform their assigned tasks, and on which sets of clients or users they can perform those tasks. In this lab, implement the role-based administration feature of Configuration Manager 2012 in order to provide administrator segmentation and security of a Configuration Manager 2012 environment.	

<b>CD-IL313</b>	<b>Implementing Settings Management in Configuration Manager 2012</b>
300	Wally Mead
Venetian Ballroom B	Wed 4/18 11:45a - 1:00p
Settings management is the new name for desired configuration management. And, not only has the name changed, but it has many new features, such as browsing of master computers when creating configuration items, and automatic remediation. In this lab, implement the settings management feature, including creating of configuration items, browsing master systems, and creation of configuration baselines. Also, implement remediation of a configuration item and configuration baseline, and import a configuration pack from Microsoft System Center Configuration Manager 2007.	

<b>CD-IL314</b>	<b>Introduction to Configuration Manager 2012</b>	
300	Wally Mead	
Venetian Ballroom B	Mon 4/16 10:30a - 11:45a	
Venetian Ballroom C	Mon 4/16 10:30a - 11:45a	
Venetian Ballroom C	Mon 4/16 3:00p - 4:15p	
Venetian Ballroom C	Thu 4/19 8:30a - 9:45a	
<p>The Microsoft System Center 2012 Configuration Manager product is a very big change from the Configuration Manager 2007 product. There are many new features and capabilities, and many changes to previous features. In this lab, use the Configuration Manager 2012 administrator console to explore some of the new changes to the Configuration Manager 2012 product. Start with exploring some of the new features of the Configuration Manager 2012 console, then look at new and updated features. If you are new to Configuration Manager 2012, this lab should be the first one you take to become familiar with the console, and to set the stage for attending additional labs on Configuration Manager 2012.</p>		

<b>CD-IL315</b>	<b>Managing Clients in Configuration Manager 2012</b>	
300	Wally Mead	
Venetian Ballroom B	Wed 4/18 2:15p - 3:30p	
<p>Microsoft System Center 2012 Configuration Manager provides new and exciting capabilities for managing clients, including automated client health evaluation and remediation, and customized client settings for collections. In this lab, validate that a client is considered healthy, break the client, and have Configuration Manager 2012 automatically repair the client to make it healthy again. Also, experience the process for managing client settings, both site-wide and collection-based.</p>		

<b>CD-IL316</b>	<b>Managing Content with Configuration Manager 2012</b>	
300	Wally Mead	
Venetian Ballroom B	Wed 4/18 4:00p - 5:15p	
<p>Microsoft System Center 2012 Configuration Manager has many new features in the area of content management. Some of these features include distribution point groups, collection association, content validation, prestaging content on distribution points, and more. In this lab, implement content management features to gain the knowledge and skills required to successfully manage content in Configuration Manager 2012.</p>		

<b>CD-IL317</b>	<b>Managing Software Updates in Configuration Manager 2012</b>	
300	Wally Mead	

Venetian Ballroom B	Thu 4/19 8:30a - 9:45a
<p>Microsoft System Center 2012 Configuration Manager provides great capabilities for managing software updates, including new features, such as automatic deployment rules. In this lab, implement software update management in a Configuration Manager 2012 environment. Install a software update point, synchronize updates, scan clients for update compliance, create software update groups and deployments, as well as implement the new automatic deployment rule feature to help simplify the downloading, approving, and deploying of software updates in Configuration Manager.</p>	

<b>CD-IL318</b>	<b>Migrating from Configuration Manager 2007 to Configuration Manager 2012</b>	
300	Wally Mead	
Venetian Ballroom B	Mon 4/16 4:30p - 5:45p	
Venetian Ballroom C	Tue 4/17 4:00p - 5:15p	
<p>The process of migrating from a Microsoft System Center Configuration Manager 2007 environment to System Center 2012 Configuration Manager is not a complex one. However, as you migrate using a side-by-side migration process, there are specific steps and processes that must be completed. In this lab, perform a side-by-side migration from Configuration Manager 2007 to Configuration Manager 2012, including migrating administrative objects, as well as clients.</p>		

<b>CD-IL319</b>	<b>Using App-V 4.6 with Configuration Manager 2012</b>	
300	Jeff Gilbert (MSD-IX)	
Venetian Ballroom C	Mon 4/16 1:30p - 2:45p	
Venetian Ballroom C	Wed 4/18 11:45a - 1:00p	
<p>This instructor-led lab demonstrates how Microsoft System Center 2012 Configuration Manager and Application Virtualization (App-V) 4.6 SP1 can be integrated to provide a comprehensive deployment and update service for virtual applications. This lab covers supported scenarios, best practices, deployment planning considerations, and how to perform common virtual application management tasks with Configuration Manager 2012.</p>		

<b>CD-IL320</b>	<b>Windows 7 Deployment Using MDT 2012 and Configuration Manager 2012</b>	
300	Michael Niehaus; Ben Hunter	
Venetian Ballroom A	Mon 4/16 1:30p - 2:45p	
Venetian Ballroom A	Wed 4/18 11:45a - 1:00p	
<p>In this lab, explore how to use Microsoft Deployment Toolkit (MDT) 2012 together with Microsoft System Center 2012 Configuration Manager to deploy Windows 7. User Driven Installation and Zero Touch Installation scenarios are used, and additional new MDT 2012 and Configuration Manager 2012 capabilities are explored.</p>		

<b>CD-IL321</b>	<b>Advanced Software Distribution in Configuration Manager 2012</b>	
300	Wally Mead	
Venetian Ballroom B	Mon 4/16 1:30p - 2:45p	
Venetian Ballroom C	Tue 4/17 11:45a - 1:00p	
Venetian Ballroom C	Thu 4/19 11:45a - 1:00p	
<p>Microsoft System Center 2012 Configuration Manager has many new features for distributing software to users and computers. In this lab, go beyond what you learned in the "Basic Software Distribution in Configuration Manager 2012" lab, and work with applications that have multiple deployment types, including requirement rules and dependencies. Also, configure user device affinity, and deploy an application to users, which then appears in the new Application Catalog. You should attend the "Basic Software Distribution in Configuration Manager 2012" lab prior to attending this one.</p>		

<b>CD-IL322</b>	<b>Advanced Windows 7 Deployment Using MDT 2012: Making Deployments Dynamic</b>	
400	Michael Niehaus; Ben Hunter	
Venetian Ballroom A	Mon 4/16 3:00p - 4:15p	
Venetian Ballroom A	Thu 4/19 11:45a - 1:00p	
<p>In this lab, explore how to use Microsoft Deployment Toolkit (MDT) 2012 and Microsoft System Center 2012 Configuration Manager to dynamically deploy Windows 7. This includes using MDT rules and database-driven deployment, customizing the wizards and dynamic reinstallation of applications.</p>		

<b>CD-IL323</b>	<b>Application Management with Configuration Manager 2012</b>	
300	Wally Mead	
Venetian Ballroom B	Thu 4/19 10:15a - 11:30a	
<p>Application management in Microsoft System Center 2012 Configuration Manager provides many capabilities that were either impossible or difficult to implement in Configuration Manager 2007. Some of these new features include application supersedence and application uninstallation. In this lab, implement both application supersedence and application removal with Configuration Manager 2012. Also included in this lab: experience how to implement the new collection exclusion rule.</p>		

<b>CD-IL324</b>	<b>Introduction to the Data Replication Model in Configuration Manager 2012</b>	
300	Alfred Ojukwu; Saud Al-Mishari	
Venetian Ballroom C	Wed 4/18 4:00p - 5:15p	
<p>The new data replication is the biggest change in Configuration Manager history and this session aims to help you get to grips with it.</p>		



This session is a review of the new object replication system in Microsoft System Center 2012 Configuration Manager. It specifically covers the DRS solution built into Configuration Manager 2012. This covers SQL Server Change tracking and Service Broker from a high level. The session takes a hands-on approach to tracking and tracing SQL Replication in Configuration Manager 2012, and is heavily focused on using troubleshooting and monitoring data replication after providing a brief overview of the new replication architecture.

**CD-IL327 Implementing Security Compliance Manager for Configuration Manager 2012**

300 Santos Martinez  
 Venetian Ballroom C Mon 4/16 12:00p - 1:15p  
 Venetian Ballroom C Wed 4/18 2:15p - 3:30p

In this session, Configuration Manager Administrators learn how to use Microsoft System Center 2012 Configuration Manager and their baseline templates to apply them in Settings management—the new name for desired configuration management. In this lab, you implement Security Compliance Manager and import the baselines in the settings management feature, including creation of configuration baselines based on Security Compliance Manager. You also implement remediation of the configuration item and configuration baseline.

**Fabric Infrastructure Management Track**

**FI-IL301 System Center 2012 Virtual Machine Manager and App Controller: Creating, Deploying, and Managing Service Templates**

300 Anand Balasubramanian  
 Venetian Ballroom D Thu 4/19 2:30p - 3:45p

Learn how to delegate access to Private Cloud resources, create virtual machine and service templates. Learn how to make changes to existing service templates, and the application self-service user experience.

**FI-IL303 System Center 2012 Data Protection Manager: A First Look**

300 Roopesh Manda  
 Venetian Ballroom D Mon 4/16 4:30p - 5:45p

Learn about System Center 2012 Data Protection Manager and how it can leverage a centralized console, additional workload capabilities, generic datasource ability, and more.

**FI-IL304 System Center 2012 Operations Manager: A Look at What's New**

300 Anny Timasheva  
 Venetian Ballroom D Mon 4/16 10:30a - 11:45a

Venetian Ballroom D Wed 4/18 11:45a - 1:00p  
 Venetian Ballroom D Fri 4/20 8:30a - 9:45a

Learn about System Center 2012 Operations Manager and what is new in this release. In this Overview lab you will get a hands-on experience of how to navigate the console, take a look at the new capabilities of network monitoring and application performance monitoring and gain a broad understanding of the benefits Operations Manager delivers.

**FI-IL305 System Center 2012 Virtual Machine Manager Infrastructure Components Management**

300 Alvin Morales  
 Venetian Ballroom D Mon 4/16 3:00p - 4:15p  
 Venetian Ballroom D Wed 4/18 2:15p - 3:30p  
 Venetian Ballroom D Thu 4/19 11:45a - 1:00p

Learn about System Center 2012 Virtual Machine Manager Infrastructure Component Management. Learn how to Deploy and Configure the Infrastructure Components like Servers, Storage, and Networking. Learn how to create the Private Cloud and delegate access. Learn about the Library, and the new capabilities that Virtual Machine Manager provides.

**Service Delivery & Automation Track**

**SD-IL301 System Center 2012 Reporting and Dashboards**

300 Manoj Parvathaneni  
 Venetian Ballroom D Thu 4/19 10:15a - 11:30a

Learn about how System Center 2012 Service Manager Data Warehouse provides greater reporting capabilities that leverage data from across System Center components through the use of OLAP cubes allowing users to create reports using Excel or Sharepoint Performance Point.

**SD-IL302 System Center 2012 Provisioning and Automated Remediation in a Private Cloud**

300 Andreas Wieberneit  
 Venetian Ballroom D Tue 4/17 10:15a - 11:30a

Learn about the Service Catalog capabilities of System Center 2012 Service Manager to allow IT Pros to deliver self-service request capabilities to end users. Learn how to create standardized request offerings that automate the authorization, approvals, provisioning and auto-remediation of issues in a private cloud.

**SD-IL303 System Center 2012 Service Manager**

300 Ranganathan Srikanth

Venetian Ballroom D Mon 4/16 1:30p - 2:45p

Learn about System Center 2012 Service Manager and its capabilities to support IT service delivery, management and automation for your customer scenarios. Service Manager supports industry practices out of the box for Incident, Problem, Change, Service Request, Service Level and Release Management processes as well as supporting Configuration Management through its CMDB. This session will walk the IT Pro through the capabilities provided by the Service Manager component of System Center 2012.

**SD-IL305 System Center 2012 Orchestrator: Policy to Runbook Migration Tips**

300 Charles Joy  
 Venetian Ballroom D Tue 4/17 11:45a - 1:00p

Would you like to receive some hands-on experience with Policy to Runbook migration? Whether or not you plan on attending the associated Breakout, join us for a lab which walks you through what to look out for, what will be easy, and what will take some planning when migrating from "Policy" to "Runbook" in Microsoft System Center 2012 Orchestrator. NOTE: Orchestrator will be pre-installed and the lab includes a pre-exported OIS Policy with various built-in migration examples proved. Also, this session can be interactive, so come ready with all your migration questions!

**SD-IL306 System Center 2012 Orchestrator: Install and Integrate**

300 Charles Joy; Manish Godse  
 Venetian Ballroom D Mon 4/16 12:00p - 1:15p  
 Venetian Ballroom D Wed 4/18 4:00p - 5:15p  
 Venetian Ballroom D Thu 4/19 8:30a - 9:45a

Microsoft System Center 2012 Orchestrator has the ability to integrate, automate and orchestrate just about anything. Join us to experience the power of Orchestrator from the easy install process to the out-of-the-box integrations to Virtual Machine Manager, Operations Manager and Service Manager. Explore example runbooks for each of these System Center 2012 components as well as build your own! This lab is sure to jumpstart both your creativity and productivity. NOTE: All products except Orchestrator will be pre-installed and ready for integration.

**Server & Virtualization Management Track**

**SV-IL301 Configuring Hyper-V over Highly Available SMB Storage**

300  
 Venetian Ballroom A Tue 4/17 4:00p - 5:15p  
 Venetian Ballroom A Thu 4/19 2:30p - 3:45p

In this lab, learn how to configure a file server cluster to support

running Hyper-V virtual machines from SMB file shares. Create the file share, configure delegation, and then create a new VM on SMB storage.

**SV-IL304** **Managing Windows Server "8" with Server Manager and PowerShell 3.0**

300

Venetian Ballroom A

Tue 4/17 11:45a - 1:00p

Venetian Ballroom A

Thu 4/19 8:30a - 9:45a

In this lab, learn how the Server Manager and Windows PowerShell framework in Windows Server "8" deliver an enhanced, multi-server management experience. Learn to perform tasks such as multi-server management, and explore new Windows PowerShell capabilities including new cmdlets and the Windows PowerShell gateway.

**SV-IL306** **Introduction to Windows PowerShell Fundamentals**

300

Venetian Ballroom A

Mon 4/16 12:00p - 1:15p

Venetian Ballroom A

Wed 4/18 2:15p - 3:30p

Windows PowerShell is a command-line shell and scripting language that helps IT professionals achieve greater control and productivity. By using a new admin-focused scripting language, more than 230 standard command-line tools, and consistent syntax and utilities, Windows PowerShell allows IT professionals to more easily control system administration and accelerate automation.

**SV-IL307** **What's New in Windows PowerShell 3.0**

300

Venetian Ballroom A

Mon 4/16 4:30p - 5:45p

Venetian Ballroom A

Tue 4/17 2:15p - 3:30p

In this lab, explore some of the new features and functionality in Windows PowerShell v3.0.