

# MMS 2010 Session Details

*This listing provides details of all sessions currently scheduled for the MMS 2010 event. All listings are grouped by their primary content tracks, in the order listed below.*

## Session Tracks

- Client Management Technologies
- Community
- Microsoft Initiatives
- Microsoft IT
- Operations Management
- Security & Compliance Management
- Server Management Technologies
- Solution Accelerators
- Sponsors
- Systems Management
- Virtualization

*Please note that this is a preliminary list and subject to change. Additional Breakout sessions and labs are being added as speakers are confirmed and session timeslots and rooms may be changed at any point up to the event to accommodate speaker and equipment availability.*

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

## Breakout Sessions

### Systems Management Track

#### BA01 Configuration Manager: State of the Union

200 Bill Anderson; John Vintzel; Joshua Pointer

Hall C

Tue 4/20 10:15a - 11:30a

The traditional kick-off session for MMS! For anyone who uses, or is even considering using, SMS or Configuration Manager - this session is a must. As always, we will lay the foundation for the entire week from a ConfigMgr perspective by discussing all the things going on in the World of ConfigMgr. You'll see updates on roadmaps, partner integration projects, engineering processes, early product and quality feedback, and probably a few more "surprises"! This year's MMS is the public unveiling of ConfigMgr v.Next, and this session will get it all started ensuring you are well prepared for a full week of breakouts and labs - ready to start learning about the next version of ConfigMgr.

#### BA02 Configuration Manager 2007: What's New in SP2 and R3

300 Jeff Wettlaufer

Bellini 2101A

Tue 4/20 11:45a - 1:00p

System Center Configuration Manager 2007 SP2 is the latest release of the flagship System Center product. While a general overview topic has been presented at past MMS events, this session will focus on the details of what has changed over the last year. New enhancements in SP2, which include support for both Windows 7 and Windows Server 2008 R2 are just some of the enhancements. In addition to new platform support, SP2 delivers enhancements to existing capabilities such as Asset Intelligence, and Intel vPro. This session we will also detail the plans for the upcoming R3 release of ConfigMgr, which includes Power Management and Scale and Performance enhancements.

#### BA04 Configuration Manager v.Next: Overview

300 Deb McFadden; Mark Florida

Bellini 2101A

Tue 4/20 2:15p - 3:30p

The next release of Configuration Manager is coming! For over a decade, Systems Management Server and Configuration Manager have been used by thousands of customers and partners to deliver classic management capabilities to clients and servers. As we enter a new era for IT Administration, the System Center flagship product is evolving. In this session we present our vision for user-centric client management, and demonstrate improvements from Configuration Manager 2007. This session promises to be very interesting. We demonstrate a functioning product to showcase some of these major improvements, so you know you can't miss it!

#### BA05 Configuration Manager v.Next: Software Distribution - Part 1

300 Bryan Keller; Craig Morris

Bellini 2101A

Wed 4/21 11:45a - 1:00p

The first phase of delivering on the new user centric client management vision for v.Next is to revolutionize software distribution. The most popular capability in the history of SMS and Configuration Manager, Application Management is still the number one feature in use today. In this first part of a two-session series, we provide an overview of Software Distribution in Configuration Manager v.Next, and introduce the user centric 'Application Model'. In addition, we cover conditional delivery rules, targeting and the new console improvements. This promises to be a jam packed two-part series full of new and interesting elements from the next version of Configuration Manager!

#### BA06 Configuration Manager v.Next: Software Distribution - Part 2

300 Bryan Keller; Craig Morris

Bellini 2101A

Wed 4/21 2:15p - 3:30p

This is the second of a two-part session series describing how the user centric client management vision in Configuration Manager v.Next is revolutionizing software distribution. This session focuses more on the advanced Software Distribution scenarios, and highlights the flexibility of the Application Management Model. We cover how Configuration Manager v.Next defines application dependencies, global conditional rules, and version logic. In addition, this session covers specific advanced App-V scenarios and capabilities.

#### BA07 Configuration Manager v.Next: Administration UI

300 Mark Florida

Bellini 2101A

Wed 4/21 10:15a - 11:30a

The next release of Configuration Manager has new changes to the administrative experience, departing from the (long loved!) MMC console style of navigation. Configuration Manager information is displayed differently and requires a flexible administrative security model. These changes result in a new console experience for any Administrator who is used the MMC version in the current (and previous) product versions. In this session we will cover the new administrative security model, some administrator productivity features and the new look and feel of the administrative console. We will enrich this overview with demonstrations of functioning code - this promises to be a "don't miss" session for all Configuration Manager administrators.

#### BA10 Configuration Manager v.Next: Hierarchy Design

300 Deb McFadden

Bellini 2101A

Tue 4/20 4:00p - 5:15p

Where scale or a more simplified architecture is desired, the next release of Configuration Manager allows large and small organizations to meet those needs through our new site hierarchy architecture. These improvements change how data is moved around the hierarchy by taking an increased reliance on SQL technology and the new Configuration Manager administration security model. We'll also explain the central administration model and how primary and secondary sites relationships have evolved. This is a must attend session for anyone who wants to understand the changes and impact for customer hierarchies.

#### BA11 Configuration Manager v.Next: Migration from ConfigMgr 2007

300 Deb McFadden; Jeroen van Eesteren

Bellini 2101A

Wed 4/21 4:00p - 5:15p

Configuration Manager v.Next is coming soon and for those of you running the current platform - Configuration Manager 2007 - there are some considerations you may want to make in your design. In this session our Setup and Deployment experts will provide an overview as well as technical details of the v.Next setup process, with focus on an existing Configuration Manager site migrating to the v.Next platform.

#### BA12 Configuration Manager v.Next: Desired Configuration Management

300 Onur Koc

Veronese 2405

Thu 4/22 10:15a - 11:30a

Desired Configuration Management (DCM) was a completely new feature in the ConfigMgr 2007 release. People who have been deploying ConfigMgr 2007 are just starting to realize the benefits and solutions enabled by DCM today. So this session will focus on continuing to make sure you know all of the tips and tricks to be successful with DCM, drilling into the new features around DCM in ConfigMgr.next. The session will also show how using DCM can help you prepare to move ConfigMgr v.Next and the new software distribution model.

#### BA13 Configuration Manager v.Next: Device Management

300 Hassen Karaa; Kim Johnson

Veronese 2501A

Thu 4/22 8:30a - 9:45a

System Center Configuration Manager v.Next will expand the landscape for device management like never before. From enhancements to the

Configuration Manager device management capability, to incorporating Mobile Device Manager technology, to our relationship with Nokia, in this session our Device Management experts will provide you with a technical overview of the capability plans in v.Next. If you are managing devices today, or planning a device strategy in your organization soon, this session is an absolute "must see".

**BA14 Understand the ConfigMgr SQL Views Schema to Customize Reporting**

300 Doug Eby  
Veronese 2405 Mon 4/19 1:30p - 2:45p

The Configuration Manager database contains a large collection of information about the network, computers, users, user groups, and many other components of the computing environment. The database also contains objects that represent Configuration Manager items such as advertisements, software update deployments, configuration baselines, reports, and status messages. The Configuration Manager reporting SQL views schema is complicated and can be very difficult to understand, and to effectively create report queries, Administrators must have some understanding of the schema, how to create report queries, and how to create a custom report. This session breaks down the Configuration Manager reporting SQL views schema by feature, provides tips about how to create report queries, and provides a demo about how to find Configuration Manager data, build a custom query, and then create a report in SQL Server 2008 Reporting Services.

**BA15 Online Services for PC Management**

300 Alex Heaton; Craig Marl  
Titian 2303 Wed 4/21 10:15a - 11:30a

See how hosted, cloud-based services from Microsoft can help you more efficiently manage and secure your business PCs without the need to setup enterprise deployment infrastructure. This session will provide details of new online tools from Microsoft and how they fit in the with the rest of your desktop management environment including Windows 7, the Microsoft Desktop Optimization Pack, and System Center products.

**BA16 Introduction to Systems Management in Midsized Organizations with System Center Essentials 2010**

200 Eamon O'Reilly; Jason Buffington  
Titian 2301A Tue 4/20 2:15p - 3:30p

For organizations up to 500 PCs and 50 servers, Microsoft is releasing System Center Essentials 2010 (SCE) to provide service monitoring, software deployments and updates, and management of physical and virtual machines. This single product is designed for midsized organizations, so this session will be full of demonstrations as we look at each of the major aspects of SCE 2010, including server and client monitoring, software deployment and patching, virtualization

management and migration, and how to get started with easy setup and configuration. Come see it here first.

**BA17 How to Manage Physical and Virtual Servers in Midsized Businesses with System Center Essentials 2010**

300 Dustin Jones; Jason Buffington; Jeremy Winter  
Bellini 2105 Thu 4/22 11:45a - 1:00p

Whether those servers are physical or virtual, midsized businesses need similar management capabilities as large enterprises (Configuration Manager, WSUS, Virtual Machine Manager) but in an easy-to-use, unified toolset. System Center Essentials (SCE) 2010 brings together monitoring, deployment and virtual management technologies from the System Center enterprise products into a single console designed for midsized businesses with 50-500 PCs and up to 50 servers. In this session, we will look at monitoring those physical and virtual servers for health, deploying new servers and even migrating older physical servers to virtual machines for simpler management.

**BA21 Case Studies - PFE Configuration Manager Support Cases From The Trenches**

300 Rodney Jackson  
Titian 2301A Thu 4/22 2:30p - 3:45p

This session will focus on Premier Field Engineering (PFE) Configuration Manager Support issues from the trenches presented by Rodney Jackson, Jason Johnson, DeLise Coleman, Benjamin Rampe and Scott Williams. During this session the focus will be on recent product trends such as Software Updates, OSD, Windows7/2008 and other known issues.

**BA22 Configuration Manager and SQL Server Reporting Services - Custom Reports ROCK!**

300 Steven Rachui  
Bellini 2101A Thu 4/22 4:00p - 5:15p

Configuration Manager R2 brought with it integration with SQL Report Services. Reporting is not new to ConfigMgr - it was introduced with SMS 2.0. SQL Reporting Services Integration changes the game once again - and this time leaps ahead of standard ConfigMgr reporting. This session will focus on how to build custom reports in SSRS for use in ConfigMgr.

**BA23 The Philosophy of Configuration Manager**

300 Tim Benjamin  
Veronese 2405 Mon 4/19 4:30p - 5:45p

Often we spend hours talking about HOW to do a very complex task in ConfigMgr in order to get something just right; however we rarely

spend any time on WHAT and WHY. This session is not a discussion of cost savings or some other good MBA topic, but rather a discussion about how ConfigMgr's design, the way it works, lends itself to in your organization. Topics will include image composition, the pros and cons of different approaches (thin vs. thick) and what implications that has on other facets of systems management, the use of baseline collections and why that makes image deployment easier, naming standards, security and console organization. This session's goal is to help you better understand how to make ConfigMgr work for you.

**BA31 Configuration Manager 2007: Using Either Hardware Inventory or Custom DCM Baselines to Ensure Compliant Systems**

400 Sherry Kissinger  
Veronese 2405 Thu 4/22 8:30a - 9:45a

Many administrators currently leverage Configuration Manager hardware inventory (sms\_def.mof/configuration.mof) to find custom data, and then base reports or collections on that data to remediate issues. We will demonstrate building an example of a custom hinv and also illustrate using a custom DCM to remediate instead of using hinv.

**BA32 Building Queries and Collections to Manage Your Environment**

300 Matthew Hudson  
Veronese 2405 Mon 4/19 3:00p - 4:15p

Without a good collection or query an administrator cannot properly deploy packages or manage clients. In this session you will learn about a range of collections designs from intermediate to more advanced. The session will cover different ways to identify broken clients and merge collections. You'll also learn how to create collections based on status messages, metered programs and even how to use collections in reverse. Apart from collections, you will see how WQL queries can be useful tools in your environment. Learn how to create collections and queries utilizing the WBEMTEST application which goes beyond the Query Builder Tool.

**BA33 Advanced Configuration Manager 2007 SQL Server Reporting and BI Overview**

400 Steve Thompson  
Veronese 2501A Fri 4/23 10:00a - 11:15a

Steve Thompson (ConfigMgr MVP) and Senior Consultant with BT, will demonstrate how to take your report development to new heights. The release of ConfigMgr 2007 R2, now adds integrated reporting with SQL Server Reporting Services (SSRS). Additionally, SSRS is the only stated reporting solution for the next generation of ConfigMgr, currently named v.Next. This session will focus on getting the most out of your reporting solution, and investigate other potential solutions to your reporting requirements. This will be a fast paced session loaded with

useful content! Topics covered will include:

- Reasons for learning and using SSRS
  - The report development process: to include Report Builder and BIDS (Business Intelligence Development Studio, and reasons for choosing a development tool
  - Report customization techniques such as; adding company logo to reports, using report parameters, linking to other reports for drill down capability and dynamic grouping
  - Integration of SSRS with SharePoint 2010
  - Creation of Performance Point dashboards
  - BI (Business Intelligence) overview
  - SQL Server Analysis Server (SSAS)
  - Performance tuning considerations; use of stored procedures and SQL Profiler to assist in capturing TSQL trace files
- Bring your questions, we will allow time at the end for an information question and answer session!

<b>BA34</b>	<b>Troubleshooting Configuration Manager 2007 OS Deployments</b>
300	Andreas Hammarskjold; Johan Arwidmark
Bellini 2101A	Thu 4/22 8:30a - 9:45a
Join Andreas Hammarskjold and Johan Arwidmark, two of the world's foremost deployment experts in a dazzling session on the tools and processes to use when troubleshooting OS Deployments with ConfigMgr 2007. You will learn about common issues and their workarounds, parsing log files, driver handling, WinPE, PXE Site Role Troubleshooting, Unknown Computers and much more. We will share our notes from the field, and our tips & tricks for making OS Deployment using ConfigMgr 2007 even better.	

<b>BA35</b>	<b>Using SQL Server BI to Compliment ConfigMgr 2007 Reporting</b>
300	Steve Thompson
Bellini 2105	Thu 4/22 10:15a - 11:30a
Steve Thompson (ConfigMgr MVP) and Senior Consultant with BT, will investigate the use of SQL Server BI (Business Intelligence) to compliment SQL Server Reporting Services (SSRS). This session will provide an overview of BI components which include: SQL Server Analysis Services (SSAS), SQL Server Integration Services (SSIS) and Business Intelligence Development Studio (BIDS) which is the report development environment.	
SSAS delivers Online Analytical Processing (OLAP) and data mining functionality for business intelligence applications. Analysis Services supports OLAP by letting you design, create, and manage multidimensional structures that contain data aggregated from other data sources, such as relational databases.	
Topics covered will include: <ul style="list-style-type: none"><li>• Overview of SSAS, OLAP and SSIS</li></ul>	

- How we can integrate these technologies with ConfigMgr 2007 database(s)
- By using practical examples, we will use the Visual Studio environment to:
  - Create an SSAS cube
  - Create SSIS packages
  - Report development
- Report customization techniques such as:
  - adding company logo to reports
  - using report parameters
  - linking to other reports for drill down

<b>BA36</b>	<b>Troubleshooting Tips for Configuration Manager 2007</b>
400	Gordon McKenna
Bellini 2101A	Thu 4/22 11:45a - 1:00p
The team which built the Level 400 "Configuration Manager Troubleshooting" course brings to you the final word on troubleshooting your Configuration Manager environment. This session isn't for the faint hearted and will provide you with deep level technical tips for any aspiring Configuration Manager guru. The session will cover trouble shooting resources, support and trouble shooting for mixed mode to native mode migration, supporting internet based clients, troubleshooting common issues with operating system deployment and troubleshooting common issues in physical and virtual application deployment.	

<b>BA37</b>	<b>Custom Update Publishing with Configuration Manager 2007 (SCUP)</b>
300	Angie Stahl; Greg Ramsey
Veronese 2405	Thu 4/22 11:45a - 1:00p
You have seen how easy it is to detect and deploy Microsoft Updates using ConfigMgr. Now take a walk on the wild side, and join Greg and Angie in a complete deep dive into ConfigMgr with System Center Updates Publisher (SCUP). We'll start with Configuring SCUP for ConfigMgr, and then discuss and demonstrate update catalogs already available from many vendors. Next, we will dive into creating our own updates using SCUP and ConfigMgr Software Updates. We'll step through creating, testing, publishing, deploying, and troubleshooting Custom Software Update deployments from Server to Client.	

<b>BA38</b>	<b>Software Updates for Smart Admins: Beyond the Handbook</b>
300	Brian Mason; Joey Gleason
Veronese 2405	Wed 4/21 2:15p - 3:30p
In this session we'll compare how a small company manages software updates compared to a large corporation. What tricks do they have in common? What is different and why? Topics covered will include:	

Deployment Schedules, Maintenance Windows, Client\User Interaction, Pilot Collections, Reporting, Troubleshooting failed installs, Automating as much as possible. Finally, we'll review how SUP is configured in different environments, interacting with WSUS, what needs to be done as your company grows, and how to handle servers.

## Operations Management Track

<b>BB01</b>	<b>What's New Since the Release of Operations Manager 2007 R2</b>
300	Justin Incarnato
Veronese 2501A	Tue 4/20 11:45a - 1:00p
Join us to learn about developments which have taken place since the R2 release of Operations Manager 2007, including cumulative updates for SP1 and R2, new tools for diagnosis and troubleshooting, and new support for monitoring in the cloud.	

<b>BB02</b>	<b>Operations Manager 2007 R2: Service Levels, Reports, Dashboards, Report Authoring and More!</b>
300	Daniel Savage
Veronese 2501A	Tue 4/20 4:00p - 5:15p
This session will cover how to use the new service level features in R2 to create service level reports and dashboards, how to use our out of the box reports effectively and how to author reports. We will cover how to author reports with ZERO programming and for those who like to get their hands dirty some advanced report authoring. Come join us in this demo packed session!	

<b>BB03</b>	<b>Understanding the Latest Management Packs for Operations Manager 2007 R2, SharePoint 2010 and Exchange 2010</b>
300	Jon LeCroy; Pete Zenger; Simon Skinner
Titian 2301A	Tue 4/20 10:15a - 11:30a
Join us in this session to learn about the key features and improvements within the Management Packs for Operations Manager 2007 R2, SharePoint 2010, and Exchange 2010 and meet the teams who created made them. You will leave this session with a deeper understanding of what these powerful management packs can deliver and how they can meet your needs for monitoring and managing such critical applications in your business.	

<b>BB04</b>	<b>Automated Audit of UNIX and Linux Servers with Operations Manager 2007 R2</b>
300	Jeff Coffler; Peirong Liu; Robert Hearn

Bellini 2105	Thu 4/22 4:00p - 5:15p
In this session we will present and discuss the new extensions for Operations Manager 2007 R2 that extend Audit Compliance Services (ACS) to UNIX and Linux servers.	

<b>BB05</b>	<b>Monitoring Your Network with Operations Manager 2007 Today and Tomorrow</b>
300	Boris Yanushpolsky
Veronese 2501A	Wed 4/21 11:45a - 1:00p
In this session we will present the native capabilities within Operations Manager 2007 R2 which allow you to monitor your network infrastructure, as well as presenting some partner offerings which extend those capabilities. We will also take a glimpse into the new range of network monitoring features which are planned for the next release of Operations Manager.	

<b>BB07</b>	<b>Beyond Service Manager - Partner Solutions</b>
400	Warren Talbot
Titian 2206	Tue 4/20 11:45a - 1:00p
Join us in this session to learn about the many extensions for Service Manager to cover additional needs developed by System Center partners. These solutions enable a broader range of value to System Center customs by extending the CMDB and providing rich sets of administrator templates, workflows, reports, and more.	

<b>BB08</b>	<b>Implementation, Architecture and Administration of a Service Manager Deployment</b>
300	Marc Umeno; Mark Sterin
Veronese 2501A	Tue 4/20 10:15a - 11:30a
Service Manager 2010 is about to RTM - are you ready? Learn how to design a scalable, redundant installation of Service Manager, how to configure the most common settings such as creating notification templates/subscriptions, user roles, configuring workflows, creating templates, customizing lists, and much more. You will walk out of the door with all the knowledge you need to architect and deploy Service Manager.	

<b>BB09</b>	<b>Service Manager Integration with System Center</b>
300	Charlie Chase; Sandeep Phadke
Titian 2301A	Thu 4/22 8:30a - 9:45a
Data is core to a Service Management solution. Learn how to architect and extend the CMDB schema, how to set up and extend connectors, create new connectors, and lastly how the data moves to the Data	

Warehouse to deliver IT business intelligence.

<b>BB10</b>	<b>Extending and Customizing Service Manager</b>
400	Corina Feuerstein; Travis Wright
Titian 2301A	Thu 4/22 10:15a - 11:30a
Service Manager 2010 is built on a powerful, mature platform which allows you to easily customize and extend the product to meet the needs of the most demanding customers and partners. In this session you will learn a wide range of methods for customizing and extending Service Manager including: extending the CMDB model and creating custom forms, templates, workflows, and reports to name just a few. This is a very technical session - lots of XML and code.	

<b>BB11</b>	<b>Service Manager 2010: Drilldown</b>
300	Ketan Ghelani; Vladimir Bakhmetyev
Veronese 2405	Tue 4/20 2:15p - 3:30p
Automating MOF and ITIL: This session will focus on how Service Manager 2010 automates Change, Incident, Problem and Configuration Management. This session will give you deep understanding of the features and capabilities of Service Manager and show you how to extend Service Manager using the authoring tool and SDK.	

<b>BB12</b>	<b>Technical Introduction to Data Protection Manager (DPM) 2010</b>
200	Jason Buffington; Rahul Jacob
Titian 2301A	Wed 4/21 10:15a - 11:30a
The release of DPM 2010 is just a few weeks after MMS 2010, so this session (the 1st in a 4 part series) will cover installing a new DPM 2010 server, and then provide an overview of the core capabilities and enhanced protection/recovery scenarios. The session is over 50% demonstration with enough time left for questions as we head into the final days before release.	

<b>BB13</b>	<b>Protecting Applications with Data Protection Manager (DPM) 2010</b>
300	Jason Buffington
Titian 2301A	Wed 4/21 11:45a - 1:00p
This session (the 2nd in a 4 part series) on DPM 2010 - which releases just after MMS 2010 - will focus on protecting and recovering Exchange 2010 and 2007, SharePoint 2010 and 2007 and SQL Server 2008 with System Center Data Protection Manager 2010. We will cover how the application VSS writers work with the applications, as well as what is specific to protecting one application or version from another. The session will include demonstrations and unveil most of the DPM application-centric capabilities to help you plan/deploy/manage the backups for Microsoft application servers. If you are managing or planning to deploy Exchange, SQL, or SharePoint, ask yourself "How am I	

going to back that up?" and then attend this session to learn the answer.

<b>BB14</b>	<b>Protecting Windows Clients with Data Protection Manager (DPM) 2010</b>
300	Jason Buffington
Titian 2301A	Wed 4/21 2:15p - 3:30p
This session (the 3rd in a 4 part series on DPM 2010) will focus on our newest capability - Windows Client protection. Laptop data will stay protected while you are online and offline, with restores from the DPM server or from the local client -- even on an airplane. Join us to learn how System Center Configuration Manager pushes out our client agents and how we can create policies for data protection and self-service restore.	

<b>BB15</b>	<b>Disaster Recovery and Virtualization Protection with Data Protection Manager (DPM) 2010</b>
400	Asim Mitra; Jason Buffington
Titian 2301A	Wed 4/21 4:00p - 5:15p
The release of DPM 2010 is just a few weeks after MMS, so this session (the 4th in a 4 part series) will focus on two of the most important enterprise capabilities of DPM 2010 -- Disaster Recovery (without expensive third-party replication products or storage solutions) and Virtualization Protection for the modern datacenter.	

<b>BB16</b>	<b>Opalis IT Process Automation: Introduction &amp; Technical Overview</b>
200	Charles Joy; Mark Gosson
Titian 2303	Tue 4/20 4:00p - 5:15p
This session will walk you through the Opalis workflow designer demonstrating along the way how to integrate System Center products with other IT tools to create automated processes. You will also see how Opalis customers have automated best practices for incident management, provisioning and change management.	

<b>BB17</b>	<b>Opalis: Understanding, Designing and Configuring Process Automation</b>
300	Charles Joy; Mark Gosson
Bellini 2005	Wed 4/21 10:15a - 11:30a
Building on the concepts from the Opalis Introduction & Technical Overview session, this session will help you identify the best candidates for process automation in your environment. It will also show you how to construct processes and integrate data between systems.	

<b>BB18</b>	<b>Opalis: Implementation Considerations &amp; Deployment Checklist</b>
300	Charles Joy; Mark Gosson
Titian 2206	Thu 4/22 2:30p - 3:45p
In this session you will learn about implementing Opalis and how it fits in the typical datacenter ecosystem, with particular focus on system components and their pre-requisites.	

<b>BB19</b>	<b>Linux 101 for Windows Admins</b>
200	Jeff Coffer; Olof Mases; Robert Hearn
Titian 2301A	Mon 4/19 4:30p - 5:45p
The data center environment is typically heterogeneous, with some percentage of servers being UNIX or Linux. Operations Manager 2007 R2 allows for management of these heterogeneous environments, but admins also need to be able to understand Linux and shell commands to be more effective with heterogeneous platforms (and to talk intelligently with Linux admins). This session introduces Linux operating systems and basic Linux commands for Windows admins to give them a good start.	

<b>BB21</b>	<b>Advanced Monitoring Scenarios in Operations Manager 2007</b>
400	Brian Wren
Veronese 2501A	Wed 4/21 2:15p - 3:30p
This session will present several challenging monitoring scenarios beyond the standard wizards. Examples include monitoring hardware devices, programmatically manipulating event data, and monitoring only during business hours. We'll break down the solutions into their individual modules so that you understand the concepts and are able to apply them to a variety of customer scenarios.	

<b>BB22</b>	<b>Writing Basic Custom Reports for Operations Manager 2007</b>
300	James Harper
Veronese 2501A	Wed 4/21 4:00p - 5:15p
This session will cover the basic steps used in creating a custom report for System Center Operations Manager 2007, including:	
<ul style="list-style-type: none"> <li>• Overview of the Data Warehouse scheme</li> <li>• Writing the SQL Query</li> <li>• Using Visual Studio to design the report</li> <li>• Adding the report to a Management Pack</li> </ul>	

<b>BB23</b>	<b>Operations Manager 2007: SQL Server Configuration for Operations Manager Administrators</b>
300	Christopher Cubley; Matthew Goedtel
Titian 2301A	Mon 4/19 1:30p - 2:45p
Need help deciphering which SQL Server configuration options are right for your Operations Manager deployment? Debating what the appropriate storage options are for your environment? Are you being asked questions about Operations Manager by your DBA but you're not quite sure of the answers? In this session you'll find the answer to these questions and more. Focused on Operations Manager administrators, this session guides you through common SQL Server configuration options and gives you the knowledge to avoid common mistakes. You'll also learn how to troubleshoot and correct common SQL Server performance issues affecting Operations Manager and learn what metrics you should watch to stay in good shape.	

<b>BB24</b>	<b>Troubleshooting using the Operations Manager 2007 R2 Authoring Resource Kit Tools</b>
300	Steven Rachui
Titian 2303	Thu 4/22 10:15a - 11:30a
The Operations Manager 2007 R2 Authoring Resource Kit tools have recently been released and bring a significant amount of power when troubleshooting Management Pack issues, testing new solutions, etc. This session will walk through using many of these tools in typical troubleshooting/development scenarios.	

<b>BB25</b>	<b>System Center Service Manager: Pre-assessment Considerations</b>
300	Anders Ravnholt; Lasse Wilen
Titian 2301A	Thu 4/22 4:00p - 5:15p
This session will explain how Microsoft can assess a customer deployment prior to any SCSM implementation. It is important to ensure a certain maturity level if the customers are to achieve value from SCSM. The assessment will look at process, tools and organizational readiness. From the technical point of view Microsoft will assess the readiness of OpsMgr, ConfigMgr and AD. From the process point of view we will assess 1) incident, 2) Problem, 3) Change and 4) Configuration Management. From an organizational point of view, roles and responsibilities will be addressed. The session will discuss remediation to low maturity levels, and discuss how we as Microsoft can address these issue prior to implementation.	

<b>BB31</b>	<b>Becoming an Operations Manager Hero: Monitoring your Business Service</b>
300	Maarten Goet; Vincent de Vries
Veronese 2501A	Fri 4/23 8:30a - 9:45a
You've got Operations Manager installed and configured and your Management Packs loaded and tuned. Now you need to monitor your company's important Business Service - but there is no Management Pack available. What now? Learn how to use the Authoring Console, SQL BI studio and other solutions to create your own Management Pack. OpsMgr MVP Maarten Goet will provide a practical and hands-on approach to start monitoring your critical Business Service and demonstrate how easy it is using clear examples.	

<b>BB32</b>	<b>Top 10 Community Extensions for Operations Manager and Essentials</b>
300	Pete Zerger
Veronese 2501A	Thu 4/22 11:45a - 1:00p
In this session, we'll examine 10 must-have extensions for Operations Manager and Essentials 2007 developed by experts in the System Center community. We'll showcase a number of popular community for OpsMgr and Essentials, including:	
<ul style="list-style-type: none"> <li>• Network Device Monitoring</li> <li>• Automated Branch Office Maintenance Model</li> <li>• Certificate Health and Validity Monitoring</li> <li>• Active Directory Security and Change Auditing for Essentials 2007</li> <li>• Wake-on-LAN for Essentials</li> <li>• And more!</li> </ul>	
We'll delve into how these solutions work "under the hood" and provide tips for safe and successful implementation. If you need to think "outside the System Center Pack Catalog", this session is for you!	

<b>BB33</b>	<b>Operations Manager: The Top 20 "Must Have" Customizations</b>
300	Rory McCaw
Bellini 2101A	Thu 4/22 2:30p - 3:45p
This session will look at the 20 most common configuration changes or customizations that we implement in our consulting engagements. At the end of this session, attendees will leave with the knowledge of how to optimize their Operations Manager installation. This session will walk through the 'eureka' configurations that all customers love and utilize on a frequent basis within their environments. If you want to be much more efficient in your day to day work, you will not want to miss this session.	

<b>BB34</b>	<b>Operations Manager Sizing and Scalability: Best Practices and Lessons from the Field</b>
400	Maarten Goet
Titian 2206	Wed 4/21 10:15a - 11:30a

How do I properly size my Operations Manager environment? How do I implement high availability? Why use or don't use clustering? Join this session by OpsMgr MVP Maarten Goet for some lessons from the field: when NOT to virtualize the RMS and SQL? Does the RMS/SQL server really need that RAM/IO/CPU power? When to use a single server solution and when not?

<b>BB36</b>	<b>Service Manager: Data Warehouse and Custom Report Creation</b>
400	Maarten Goet
Bellini 2105	Thu 4/22 2:30p - 3:45p

The Service Manager data warehouse platform provides a rich reporting experience and provides a lot of reports out of the box. But how do you customize these for your organization? How do you create your own reports and include information from OpsMgr and CfgMgr? In this demo-packed session OpsMgr MVP Maarten Goet will show you the Data Warehouse architecture and use the SQL BI Studio to customize and create reports for your Service Manager environment.

<b>BB37</b>	<b>Deploying and Managing Data Protection Manager (DPM) in Large Enterprises</b>
300	David Allen; Sergio De Chiara
Titian 2301A	Fri 4/23 10:00a - 11:15a

With data protection becoming more and more important, the need for an enterprise data protection product is now more pressing than it has ever. This session will cover how Data Protection Manager 2007 can be implemented and managed effectively in an enterprise to fulfill this need.

Providing data protection in the current financial climate it's necessary to provide maximum protection with minimum cost. To this end, we will be talking about sizing data protection needs, how best to deploy DPM servers, how to effectively manage DPM centrally using Operations Manager 2007 R2 and PowerShell. We'll also be sharing real world lessons learned.

With the release of Data Protection Manager 2010, we will also look at "what's new" and how it changes and improves what we are doing at present.

<b>BB38</b>	<b>Deploy Forefront Threat Management Gateway 2010 Enterprise Edition firewalls and manage them with System Center Operations Manager 2007 R2</b>
300	John Joyner
Titian 2303	Tue 4/20 2:15p - 3:30p

Manage and monitor fleets of security gateway nodes with ease. See what next-generation managed enterprise security looks like! The revolutionary new edge security solution from Microsoft, Forefront Threat Management Gateway 2010, includes web content filtering against objectionable web sites, active download scanning for malware, and an intrusion detection system. Learn how to deploy single and multiple node TMG 2010 Enterprise Edition firewall arrays in multiple locations and have them share a common enterprise firewall policy. Experience a new standard of affordability and reduced complexity when you need to standardize web access policy at many sites. Options for virtualization and high availability of TMG 2010 are detailed. Hear of cost savings, business benefits and best practices developed from a real-world TMG 2010 deployment on Hyper-V to 24 sites across the nation. Field a complete management solution by deploying System Center Operations Manager 2007 R2 agents to monitor each TMG 2010 node. Quickly verify and assess firewall health with a dashboard style view of all distributed firewall resources. Generate reports on alerting data to validate compliance with security monitoring objectives. Leverage the centralized event collection facility of Operations Manager to identify and correlate cross-site security-impacting incidents.

<b>BB41</b>	<b>Management Pack University 1: Designing a Service Model for your Application</b>
300	Brian Wren
Titian 2303	Mon 4/19 1:30p - 2:45p

First in a three part series. This session will cover the design of a service model to ensure effective monitoring of an application. This will include general concepts of classes and relationships and the implications of using different base classes available in management pack libraries. We will also discuss different methods of discovering these classes and their properties. Examples will be provided to illustrate the effect of different models on desired monitoring.

<b>BB42</b>	<b>Management Pack University 2: Designing a Health Model for your Application</b>
300	Brian Wren
Titian 2303	Mon 4/19 3:00p - 4:15p

The second session in a three part series. In addition to an overview of different types of monitors and rules, this session will provide a discussion of how to determine the monitoring requirements for an application and define a corresponding monitoring plan. This will include how to leverage monitoring data made available by different

applications and strategies for augmenting the available data with synthetic transactions.

<b>BB43</b>	<b>Management Pack University 3: Management Pack Internals and Advanced Composition</b>
400	Brian Wren
Titian 2303	Mon 4/19 4:30p - 5:45p

This final session in a three part series will go under the covers of the management pack in order to move beyond wizards in the Authoring Console. We will break down monitors and rules into the workflow of modules that comprise them in order to understand how to instrument custom monitoring scenarios.

## Client Management Technologies Track

<b>BC01</b>	<b>Choosing the right App-V deployment model for your business</b>
300	Elsie Nallipogu
Titian 2303	Tue 4/20 11:45a - 1:00p

This talk is meant to guide IT Administrators through the App-V deployment decision process. Specifically we will discuss the supported App-V deployment scenarios such as Standalone, Lightweight, Full Infrastructure and integrating with System Center Configuration Manager R2, the pros and cons for each deployment along with performance and scalability metrics will also be covered. By the end of the presentation, IT Administrators will have in depth knowledge of core supported App-V scenarios along with the knowledge on which deployment scenario(s) are the best fit for their business.

<b>BC02</b>	<b>App-V: Top 10 Most Common Customer Scenarios and End to End Review</b>
300	Angie Anderson; Bill Morein
Titian 2303	Wed 4/21 11:45a - 1:00p

Microsoft App-V provides various useful features that can be showcased to customers. This session will cover 10 common App-V customer scenarios. The scenarios will span the suite of the Application Virtualization product components providing a comprehensive perspective on the scenarios covered. Review of the 10 scenarios will be followed up by a review of specific end to end features also encompassing multiple parts of the App-V product. At the conclusion of this session you'll gain insight on App-V features, components and understand the customer benefits of Application Virtualization.

<b>BC03</b>	<b>When things go wrong.. How to effectively and efficiently troubleshoot App-V Deployments</b>
400	Dilip Pai; Gene Ferioli
Veronese 2405	Wed 4/21 4:00p - 5:15p
<p>This is an in-depth view of troubleshooting techniques from creating virtual packages of complex applications, diagnosing client deployment issue, and troubleshooting package publication and delivery to the client. There are number of diagnostic and troubleshooting features in App-V and you will learn how to use them to roll out and leverage your App-V deployment. For example, the App-V sequencer will virtualize the majority of the applications thrown at it, but sometimes you will need to use some advance features to complete creating a virtual package for a complex app. We'll show you how to use built-in log files and external tools such as Procmon to analyze why a virtual package is not working as expected and how to implement changes to enable it to work as expected.</p>	

<b>BC04</b>	<b>App-V Overview: Understanding the Benefits of Application Virtualization for the Enterprise</b>
300	Daniel Emerson
Titian 2303	Thu 4/22 11:45a - 1:00p
<p>Managing a large set of traditionally installed applications is a costly and challenging task for IT administrators today. Come learn how Application Virtualization can change that by reducing application testing costs, ensuring high confidence deployments and providing a single point of management for your applications (including for updates). In this session, you will receive an overview of how App-V works, understand how to get started with App-V in your organization and get an in depth view of what is new in the App-V 4.6 release, especially the integration with Windows 7.</p>	

<b>BC05</b>	<b>Sequencing Deep Dive: Efficiently making your applications virtual</b>
400	Aseem Kohli; Lidiane Souza
Titian 2301A	Fri 4/23 11:30a - 12:45p
<p>This is an in-depth overview of the sequencing process during which you'll learn how an application is transformed from an installed entity into a virtualized application using the App-V Sequencer tool. You will see an application be virtualized from beginning to end, learn the best practices of the process and how to identify what applications can be virtualized within your application library. The session will take you behind the scenes to show you how to create the virtual environment for an application, define dependencies to a package, manage files in the Virtual File System and the Virtual Registry, and demonstrate how it relates to the Windows OS. We'll show you how to enable different levels of interaction between the virtual application and other sub-systems with what App-V 4.5 offers, along with good tenets for</p>	

determining what makes an application a good candidate for virtualization

<b>BC06</b>	<b>Deploying Windows 7 with MDT 2010: A Demo Extravaganza</b>
300	Richard Smith
Veronese 2501A	Mon 4/19 4:30p - 5:45p
<p>Microsoft Deployment Toolkit 2010 is the next version of the MDT designed to deploy a comprehensive list of Windows based operating systems including Windows 7. This session will walk through the entire core image creation and deployment process using around 9 hours of screencast video edited to fit in a 75 minute session. If you want to experience firsthand every task and click to perform a Windows 7 customized image creation and deployment, then this session is for you.</p>	

<b>BC07</b>	<b>Troubleshooting Windows 7 Deployments</b>
300	Michael Niehaus
Bellini 2101A	Thu 4/22 10:15a - 11:30a
<p>When everything works, Windows 7 deployment is great. But what about when things break? In this session, we'll 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 2010 (Lite Touch), and ConfigMgr 2007 SP2 (Zero Touch).</p>	

<b>BC08</b>	<b>Desktop Infrastructure planning with Windows Optimized Desktop Scenarios and Assessment tool</b>
200	Santhosh Panchapagesam
Titian 2206	Mon 4/19 1:30p - 2:45p
<p>Depending on the usage scenario and business needs, the right level of balance between user flexibility and centralized control would be different across various organizations and even across user groups within each organization. The Windows Optimized Desktop Scenarios give organizations the ability to choose the client computing scenarios that best meet the unique needs of their businesses. This Solution Accelerator helps IT pros and partners understand the capabilities of Windows Optimized Desktop technologies, determine which scenario(s) are right for their user communities, and review prerequisites and guidance in planning for desktop virtualization. Attend this session to learn the role played by this Solution Accelerator in the Desktop Optimization space, and how it can be leveraged to promote adoption of Software Assurance.</p>	

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<b>BC09</b>	<b>Centralizing and Managing User Data</b>
300	Anjali Chaudhry; Dave Lalor

Titian 2301A	Fri 4/23 8:30a - 9:45a
<p>Learn how to deploy and manage a centralization solution for end-user data in enterprises. Components of this centralization solution include the Folder Redirection and Offline Files technologies. Watch how to setup these technologies; we'll also demonstrate how to setup machine specific redirection. Learn about the Windows File Server team's internal case study using various Microsoft® products and technologies to put in place a comprehensive solution satisfying the needs of an organization around users' file data management.</p>	

<b>BC10</b>	<b>How to Save Money, Time, and Headaches with Group Policy in Windows 7/ 2008 R2</b>
300	Lilia Gutnik
Veronese 2405	Tue 4/20 4:00p - 5:15p
<p>This demo-heavy session will help you implement new features in Group Policy to perform the following customer demands:</p> <ul style="list-style-type: none"> <li>• Check and compare settings across all domains</li> <li>• Reduce complexity of your Group Policy environment</li> <li>• Manage power for Windows 7 clients</li> <li>• Use new Windows 7- Group Policy enabled features, such as BitLocker</li> <li>• Create a baseline of compliance for new GPO's</li> </ul>	

<b>BC11</b>	<b>Microsoft IT: Desktop Virtualization (MED-V) 1.0 SP1 Deployment with System Center Configuration Manager (SCCM) 2007 SP2</b>
300	Doug Klokow; Mike Newsom
Titian 2303	Wed 4/21 2:15p - 3:30p
<p>Microsoft IT, in its migration of support teams to Windows 7 and Internet Explorer 8 identified a requirement to continue supporting legacy Windows XP and Internet Explorer 6.0 applications through the transition to several hundred technologists worldwide. This session will provide insight on how we leveraged the capabilities of MED-V utilizing our existing SCCM infrastructure to resolve our compatibility issues with minimal impact to users at minimal cost. We will also cover our best practices on Virtual PC (VPC) creation for MED-V and how to utilize the SCCM environment you already manage to support desktop virtualization.</p>	

<b>BC12</b>	<b>MDOP: Advanced Group Policy Management 4.0</b>
300	Lilia Gutnik
Titian 2303	Thu 4/22 8:30a - 9:45a
<p>Get more from Group Policy with AGPM: Advanced Group Policy Management. Learn how It delivers change management and advanced reporting to Group Policy management. This high-energy session will demonstrate all the cool features you've been missing from Group Policy like auditing, difference reporting, workflow, and role delegation.</p>	



Plus, you'll see all the new features of 4.0: multi forest functionality, Windows 7 support, and search.

<b>BC13</b>	<b>Desktop Error Monitoring: Understand the State of Your Applications and Desktops</b>
300	Brad McCabe
Veronese 2405	Fri 4/23 10:00a - 11:15a
<p>Ever wonder what happens when you click the "Send Information" button after an application crash? Ever wish you could keep all of that data inside of your company instead of flowing off into some black hole? In this session we will show you how you can not only keep that data inside your firewall but be able to get real time alerting and notification of critical issues. More of a batch reporting type of person? We'll take a look at the various out of reports you can run to understand the state of your applications and desktops as well as how to write your own.</p>	

<b>BC14</b>	<b>Keeping Windows Running Efficiently with the Diagnostics and Recovery Toolset</b>
300	Brad McCabe
Titian 2303	Fri 4/23 11:30a - 12:45p
<p>Malware with RootKits - forgotten administrator passwords - unbootable PCs - lost critical business data. All of these and many more are problems faced by administrators in the Enterprise every day. In this session we will look at many of the 14 tools in the Diagnostics and Recovery toolset to learn how IT administrators can keep the PCs in their enterprise up and running smoothly.</p>	

<b>BC22</b>	<b>Unblocking and Accelerating your Windows 7 Deployment Using MED-V</b>
300	Paul Mayfield
Titian 2303	Thu 4/22 4:00p - 5:15p
<p>Windows 7 has arrived! Companies are planning how to roll it out. Application compatibility is one of the top blockers. MED-V provides a way to use Windows XP applications on Windows 7. MED-V is similar to Windows XP Mode, but also provides an enterprise solution for deployment, management and control. This session will describe MED-V and how it provides application compatibility to unblock that migration to Windows 7. We will also cover the process of planning and deploying MED-V v1 and the roadmap looking forward.</p>	

<b>BC31</b>	<b>Migrating XP to Windows 7 - Interoperability is Key</b>
300	Jason Sandys; Johan Arwidmark
Veronese 2501A	Tue 4/20 2:15p - 3:30p
<p>Let's face the facts: you won't be able to migrate all your machines to Windows 7 overnight, and for larger organizations it will take months. In</p>	

the meantime you need to consider interoperability and how to migrate existing settings. Learn how to master Roaming Profiles, Folder Redirection and Group Policies, as well as local profiles going from XP to Windows 7.

<b>BC32</b>	<b>A Drivers Saga - The Control Freak meets The Dynamic Developer</b>
300	Johan Arwidmark; Michael Niehaus
Veronese 2405	Wed 4/21 11:45a - 1:00p
<p>One of the biggest challenges when doing windows deployment is dealing with device drivers. Meet Michael Niehaus and Johan Arwidmark sharing their notes from the field around handling device drivers in the deployment process. As a foundation the MDT 2010 and ConfigMgr 2007 SP2 platform will be used. You can expect a lot of live demos, tips and tricks in this session.</p>	

<b>BC33</b>	<b>Building the perfect Master Image using MDT 2010</b>
300	Johan Arwidmark
Bellini 2101A	Fri 4/23 8:30a - 9:45a
<p>So you want to be a Deployment master? This session provides you with tips &amp; tricks on how to create the perfect master image of Windows 7, all using MDT 2010 Lite Touch and Zero Touch (ConfigMgr 2007 SP2). This session also covers techniques for creating hardware independent images and device driver handling. You can expect plenty of live demos in this session!</p>	

<b>BC35</b>	<b>Windows 7 - Gaining More Control Over Windows Installer Packaging Infrastructure</b>
300	Darwin Sanoy
Titian 2206	Mon 4/19 3:00p - 4:15p
<p>If you are moving from XP to Windows 7 an opportunity exists to gain more control over your Windows Installer packaging infrastructure. The goal of this session is to look comprehensively at what system engineering can be applied to gain more control over MSI packaging. It taps into little-used legacy features of Windows Installer, the Windows shell and custom scripting for three purposes: 1) To leverage your Windows 7 project to gain more control over packaging (even if users will have Admin rights), 2) fit UAC into your your current or planned software provisioning infrastructure, 3) to prevent your automated software installs from running on computers outside your company.</p>	

## Virtualization Track

<b>BD01</b>	<b>Using the System Center Suite to Automate the Deployment of Hyper-V Hosts and Guests</b>
300	Gordon McKenna
Titian 2206	Wed 4/21 4:00p - 5:15p
<p>Join us to learn how you can leverage System Center to automate the deployment of systems across your physical and virtual infrastructure. You'll learn how to streamline and automate the setup and configuration of your virtualization hosts, leverage model-based and template-based approaches to deploy virtualized guest systems, and take the guesswork out of optimally placing and tracking the location of those virtualized systems with intelligent placement. We will also present how System Center can then assure that your physical hosts and virtual guests are kept up-to-date with the latest patches, as well as protected from the unexpected!</p>	

<b>BD02</b>	<b>Understanding How Microsoft Virtualization Compares to VMware</b>
200	Christopher Steffen; Edwin Yuen
Veronese 2405	Tue 4/20 10:15a - 11:30a
<p>This is a must-see session for anyone who is comparing VMware with Microsoft's virtualization offerings. This session will review Microsoft's technology compared to VMware, focusing on what differentiates Microsoft Virtualization from VMware technologies. The session will also cover effective strategies for integrating Microsoft virtualization into datacenter environments. The discussion will also feature one company's experience with implementing Microsoft virtualization. If you need to learn how the Microsoft virtualization stack compares to VMware's, this is the session for you!</p>	

<b>BD03</b>	<b>Disaster Recovery by Stretching Hyper-V Clusters Across Sites</b>
300	Elden Christensen
Titian 2206	Fri 4/23 8:30a - 9:45a
<p>As servers are consolidated into VM's, the availability of those VM's is becoming increasingly important, along with providing disaster tolerance and business continuance. This session will cover considerations of multi-site clustering, where a virtual machines can be configured on a Hyper-V Failover Cluster that spans across sites. Including conducting live migrations across datacenters and considerations of Cluster Shared Volumes with replication software.</p>	

<b>BD04</b>	<b>Networking and Managing Hyper-V: Deployment Considerations</b>
300	Jeff Woolsey

Titian 2206	Fri 4/23 11:30a - 12:45p
<p>Networking is one of the most critical components in a successful virtualization solution. This session is focused on enabling you to plan and develop effective virtualization solutions that build on and utilize the great networking features in Windows Server and Hyper-V ensuring the most successful virtualization solution possible. We will discuss networking considerations such as the use of VLANs, network teaming, load balancing, jumbo frames, monitoring, quality of service and more.</p>	

<b>BD05</b>	<b>Virtualization Scenarios for Microsoft Business Critical Applications</b>
200	Edwin Yuen
Bellini 2005	Mon 4/19 1:30p - 2:45p

This session will cover virtualization scenarios for SQL Server, SharePoint and Exchange, the customer pain points and how a combination of Hyper-V and System Center solves them. For each application, we will discuss various scenarios where virtualization is applicable and highlight best practices for a successful deployment. Finally, we will also touch upon partner solutions, including the PRO packs and how these solutions enhance the benefits of virtualization for these applications.

<b>BD06</b>	<b>Microsoft Site Recovery for Managing Mission Critical Infrastructure - Effective Disaster Recovery Solutions with Citrix Essentials</b>
300	Dave Glatfelter; Jim Schwartz; Mark Nijmeijer
Bellini 2005	Tue 4/20 4:00p - 5:15p

Disaster Recovery is one of the top initiatives for customers who are virtualizing. But traditional Disaster Recovery is complex, expensive and operationally intensive. This session will detail a blueprint for building a simple, affordable and robust HA and DR solution for any organization, providing a specific approach to structuring the solution in a multi-site Microsoft® Windows® Server® 2008 R2 Hyper-V™ environment. The blueprint uses Microsoft's virtualization and failover capabilities complemented with HP's P4000 Multi-site Storage Area Network (SAN) solution and Citrix® Essentials for Hyper-V management including StorageLink™ Site Recovery software. During this session you will learn how Citrix StorageLink Site Recovery workflow integrates with HP's powerful, storage array-based remote replication services to protect and recover Hyper-V workloads. The session will provide demonstrations on the one-click wizard based workflow, how to setup Recovery Plans and integrate with Microsoft clustering technologies, drilling down into staging and testing of remote virtual machines and how Failover and Failback works with Site Recovery.

<b>BD08</b>	<b>Virtual Machine Manager 2008 R2: Technical Overview (Part 1)</b>
200	Kerim Hanif
Titian 2206	Wed 4/21 2:15p - 3:30p

Learn about all the features of Virtual Machine Manager 2008 R2, including support for Hyper-V and VMware ESX management, along with VDI management. This is a must-see session for anyone who has already or is planning to deploy Hyper-V and ESX infrastructure.

<b>BD09</b>	<b>Virtual Machine Manager 2008 R2: Advanced Tips and Tricks (Part 2)</b>
300	Stephen Baron
Titian 2206	Thu 4/22 8:30a - 9:45a

Dive Deeper into System Center Virtual Machine manager 2008 R2 and hear about the latest tips and tricks for deploying this management tool into your environment.

<b>BD10</b>	<b>Performance and Resource Optimization for Virtual Machine Manager and Hyper-V</b>
300	Kenon Owens; Patrick Prendergast
Bellini 2005	Thu 4/22 11:45a - 1:00p

This is a can't miss session on how you can turn your virtualization infrastructure into a highly automated and dynamic application servicing machine! See how Performance and Resource Optimization (PRO) in System Center Virtual machine Manager 2008 R2 and System Center Operations Manager 2007 R2 provides optimization of virtual machines. The session will also cover how PRO tips can allow administrators to dynamically balance and optimize their servers at physical, virtual, and workloads levels. You'll see how PRO provides a unique and superior set of capabilities.

<b>BD11</b>	<b>Virtualization 360: Microsoft Virtualization Strategy, Products, and Solutions for the New Economy</b>
200	Kenon Owens
Titian 2206	Tue 4/20 2:15p - 3:30p

Learn about the Microsoft virtualization strategy from the datacenter, to the desktop, to the cloud--and how it will help you cut costs and build value. In this session we review and demonstrate Microsoft virtualization products and discuss how you can use them to solve today's IT issues (cost cutting, consolidation, business continuity, green IT), develop new computing solutions (VDI) and build a foundation for a more dynamic IT environment, including cloud computing. The session reviews all of the latest Microsoft virtualization products, including Application Virtualization (App-V), Microsoft Enterprise Desktop

Virtualization (MED-V), Windows Server 2008 with Hyper-V, and Microsoft Hyper-V Server, as well as the System Center management platform (including Virtual Machine Manager 2008). Learn about the innovative pricing and licensing structure that allows further savings to lower both acquisition and ongoing ownership costs. Learn how you can enable IT to become a cost cutting mechanism with Microsoft virtualization and management technologies.

<b>BD14</b>	<b>Integrating VDI Solutions Into the Enterprise (Part 1)</b>
200	Balogapalan Nikhil; Bill Kerwin
Titian 2206	Mon 4/19 4:30p - 5:45p

VDI is one of the top new trends in desktop delivery and management and promises reduced TCO, better security and data isolation. We will discuss how to include the Microsoft VDI solution into your enterprise architecture, and help you understand where the pieces fit. We will also demonstrate how Citrix adds value in improving provisioning and user experience.

<b>BD15</b>	<b>Planning and Deploying Microsoft VDI with Management Technologies (Part 2)</b>
300	Michael Kleef; Sudarshan Yadav
Titian 2206	Tue 4/20 10:15a - 11:30a

In our previous session we discussed what the components of VDI are and how to manage it. In this session we will drill down into the architecture of VDI and determine what key questions need to be asked and answered around required components, networking, capacity and end user experience. We will also discuss how this can also fit within a Remote Desktop Services deployment.

<b>BD31</b>	<b>Virtualization FAQ, Tips, and Tricks</b>
400	Janssen Jones
Titian 2206	Thu 4/22 11:45a - 1:00p

Deploying clustered Hyper-V servers in Windows 2008 R2 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, networking, and more. Janssen Jones, a Microsoft Virtual Machine MVP, has spent the last two years immersed in complex Hyper-V deployments, and has gathered a wealth of information to share, both from personal deployments, and from the forums. Come learn about best practices, frequently asked questions, tips, and tricks around virtualization, clustering, scripted and automated deployments, disaster recovery, and more! Bring your Hyper-V and clustering questions, and prepare to take your HA Hyper-V deployments to the next level.

## Solution Accelerators Track

<b>BE01</b>	<b>Configuration Manager Dashboard</b>
300	Santhosh Panchapagesam; Shitanshu Verma
Veronese 2501A	Mon 4/19 3:00p - 4:15p
<p>The System Center Configuration Manager 2007 Dashboard lets customers utilize a browser based graphically rich reporting experience that showcases the robust reporting capabilities of the world's leading system management product.</p>	
<p>The easily customized dashboard will help you stay informed of application and operating system deployments, security updates, system health status and more. Learn how Microsoft IT is using it in their operations center.</p>	

<b>BE02</b>	<b>Offline Virtual Machine Servicing Tool</b>
300	Gargee Sharma
Bellini 2105	Thu 4/22 8:30a - 9:45a
<p>The Offline Virtual Machine Servicing Tool provides guidance and automated tools to keep your offline virtualized environment up-to-date with latest updates and safe from attackers. The Offline Virtual Machine Servicing Tool now supports Hyper-V R2, VMM 2008 R2, SCCM SP2 and WSUS 3.0 SP2, OVMST 2.1 and also supports updates to Windows® 7 and Windows Server® 2008 R2 virtual machines. This session will also preview the key features for the next version of the tool.</p>	

<b>BE03</b>	<b>Dynamic Datacenter and Service Management Explained</b>
300	Donald Lemmex; Monte Whitbeck
Bellini 2105	Tue 4/20 10:15a - 11:30a
<p>Your organization needs to ensure its business drivers are understood and that the dynamic datacenter (DDC) is able to develop, manage, and operate services that address unique business concerns. This session will help you overcome specific IT Service Management (ITSM) challenges in the DDC, using guidance and best practices from Microsoft Operations Framework (MOF) 4.0. Speakers will offer solutions to guide architectural considerations for options, implementation, and support, spanning the entire lifecycle of a service. The session will also include an overview of MOF, with specific focus on business/IT alignment, policy considerations, and operational reliability.</p>	

<b>BE04</b>	<b>Enabling Dynamic Windows 7 Deployments with Configuration Manager 2007 and MDT 2010</b>
300	Michael Niehaus
Veronese 2501A	Thu 4/22 4:00p - 5:15p

See how to leverage Configuration Manager 2007 SP2 and MDT 2010 together to perform dynamic Windows 7 deployments - without the need for multiple images or task sequences. This session will explore the basics of using Configuration Manager 2007 for Windows 7 deployment, as well as exploring the value-added capabilities which the Microsoft Deployment Toolkit 2010 solution accelerator (a free add-on for ConfigMgr) provides.

<b>BE05</b>	<b>Dynamic Infrastructure Toolkit for System Center</b>
300	Ananthanarayan Sundaram; Luis Camara Manoel
Titian 2206	Fri 4/23 10:00a - 11:15a
<p>The Dynamic Data Center Toolkit for Enterprises is a free, partner-extensible toolkit which enables data centers to dynamically pool, allocate, and manage resources to provide IT as a service. Whether you're an enterprise customer, a systems integrator or an independent software vendor, this toolkit will help you to create agile, virtualized IT infrastructures.</p>	

<b>BE21</b>	<b>Notes from the Field: MDT 2010 Deployment Scenarios</b>
200	Doug Klokow; Joseph Paradi
Titian 2301A	Thu 4/22 11:45a - 1:00p
<p>With the growth of Windows 7 as a replacement for Windows XP and Windows Vista, customer's are looking for standard deployment processes to support their project efforts. This session will evaluate the use of field developed solutions to support a variety of deployment projects and present the lessons learned from those projects.</p>	

<b>BE31</b>	<b>OS Deployment for Ordinary Administrators</b>
300	Mikael Nystrom
Titian 2303	Wed 4/21 4:00p - 5:15p
<p>So, you are not a deployment expert, and you do not have the time to spend to become one - you just want to be able to deploy OS and applications as easily as possible. In that case, this session is for you. We will not spend time on how to make everything perfect, but instead will focus on how to set this up a deployment in the shortest possible time while still creating an elegant solution which will allow you to add extra stuff later on. We will also cover Microsoft Assessment and Planning toolkit, as that way you don't need to guess at quite so much...</p>	

<b>BE32</b>	<b>Branch Office hydration using MDT 2010</b>
300	Mikael Nystrom
Titian 2303	Fri 4/23 10:00a - 11:15a
<p>So you have a branch office and shipping a pre-configured server to it is out of the question. In that case this session is for you! We will cover</p>	

how to build a branch office using hydration. When the deployment is complete everything will run on a Hyper-V machine and have two VM's on top: one RODC and one branch cache server.

## Server Management Technologies Track

<b>BF01</b>	<b>Advanced Automation using Windows PowerShell 2.0</b>
400	Dan Harman; Hemant Mahawar
Veronese 2405	Thu 4/22 4:00p - 5:15p
<p>This breakout session will showcase the improvements to Windows PowerShell introduced in Windows 7 and Windows Server 2008 R2. Demos for this talk include how to easily build an administration GUI with PowerShell, how IT administrators can create cmdlet functionality without the need for programming skills, PowerShell Remoting, jobs, modules, script internationalization and debugging, among others.</p>	

<b>BF02</b>	<b>Using Delegated Administration to Simplify your IT World</b>
300	Hemant Mahawar
Titian 2303	Fri 4/23 8:30a - 9:45a
<p>Using the Delegated Administration features of Windows PowerShell, IT organizations can use Windows 7 and Windows Server 2008 R2 to help fix the IT politics that drive costs and cause frustration. A number of IT headaches are generated by the unwillingness of certain IT groups to give administrative privileges to their resources to other IT groups. Delegated Administration allows those groups fine control to empower others to perform only specific operations on specific resources, which in turn allows human processes to be replaced with automation.</p>	

<b>BF03</b>	<b>Automating your Windows environment</b>
300	Dan Harman; Jeffrey Snover
Veronese 2405	Tue 4/20 11:45a - 1:00p
<p>Windows 7 and Windows Server 2008 R2 provide the Automation Platform that empowers your customers to manage the breadth of their IT environment. This demo heavy session will show you how you can use Windows PowerShell 2.0, WMI and WinRM 2.0 to fully automate your Windows world all the way from hardware and Server Core to System Center products.</p>	

<b>BF05</b>	<b>Server Deployment and Maintenance in Windows Server 2008 R2</b>
300	Erin Chapple; Jeffrey Snover
Veronese 2501A	Wed 4/21 10:15a - 11:30a
<p>This session will help you optimize Server Management tasks through the in-box deployment and maintenance tools. We will discuss new</p>	

WS08 R2 features including the highly requested Server Manager remoting functionality and RSAT enhancements. Regarding deployment, our new WS08 R2 Migration feature eases the deployment of new servers by providing an efficient migration solution when migrating from Windows Server 2003 or later Server OS versions to WS08 R2. We will also show how Best Practices Analyzers allow IT Professionals to reduce troubleshooting overhead by efficiently and proactively diagnosing and addressing common server configuration problems and maintaining optimal server configurations. Along with these WS08 R2 tools you will learn how System Center Configuration Manager and Operations manager extend the in-box deployment and maintenance scenarios. Demos include remote server management using Windows PowerShell and getting the most out of Best Practices Analyzer scans.

<b>BF31</b>	<b>Configuration Manager and PowerShell - Better Together</b>
400	Donnie Taylor; Greg Ramsey
Veronese 2405	Fri 4/23 11:30a - 12:45p
<p>Are you ready to take your Configuration Manager Admin experience to the next level? Join Donnie and Greg as they dazzle you with PowerShell and ConfigMgr! The PowerShell Community Extensions for ConfigMgr will be explained and used to show you how to easily automate processes that you do every day in the ConfigMgr Admin Console. Modify site settings, Manage Advertisements, Collections, Packages, Programs, and even Software Updates! As an added bonus Donnie and Greg will reveal the next version of the ConfigMgr Client Troubleshooter, updated and written in PowerShell! This will be a deep dive, building functions and modules in Powershell. If you're not a scripter, and not familiar with WMI, do some homework before this session!</p>	

<b>BF32</b>	<b>Deploying Servers using Configuration Manager 2007</b>
300	Greg Ramsey
Veronese 2405	Fri 4/23 8:30a - 9:45a
<p>Join Greg for this session to learn about deploying Servers using ConfigMgr 2007. We will walk through the process, from creating a reference build using Hyper-V, to deploying complex builds and managing drivers for multiple hardware models. We will also discuss the deployment packs that are available from the three major server vendors, and how to leverage them in your environment. We will also discuss maintenance of builds (patching, etc), and techniques to make these processes easier.</p>	

<b>BF33</b>	<b>WDS Internals - Mastering the Windows Deployment Service</b>
300	Johan Arwidmark
Titian 2301A	Mon 4/19 3:00p - 4:15p

Learn the new WDS features in Windows Server 2008 R2, including driver handling and multicast sessions. This session shows how to configure and troubleshoot Windows Deployment Services. It covers advanced techniques for automation, adding drivers, debugging the WDS Server and PXE Client troubleshooting. You can expect lots of tips & tricks and live demos in this session. Last but not least, WDS Integration with MDT 2010.

<b>BF34</b>	<b>Inside the Lab - Using boot from VHD</b>
300	Johan Arwidmark; Mikael Nystrom
Titian 2206	Thu 4/22 10:15a - 11:30a
<p>With Windows 7 and Windows Server 2008 R2 we have new ways of deploying and booting Windows. Join a 300-level session where Johan Arwidmark explains Native VHD stack and the new boot architecture inside out. Learn about the real world scenarios, how to configure it, use it, and tweak it.</p>	

<b>BF35</b>	<b>IPv6 for the Reluctant: What To Know Before You Turn It Off</b>
200	Mark Minasi
Veronese 2405	Thu 4/22 2:30p - 3:45p
<p>We get IPv6 in-the-box with Windows 7 and Server 2008 R2 and the last IPv4 address range will be given away some time in early 2012. When that's gone, IPv6 will be the only answer.</p> <p>Join veteran Windows explainer Mark Minasi in a look at the latest version of IPv6... and whether you'll want to leave it on or turn it off. In this whirlwind tour, Mark explains the motivation for IPv6 and the technologies behind its implementation (which saves you from having to read 30 RFCs), adding useful notes on the Microsoft-specific aspects of Windows' IPv6 implementation.</p> <p>IPv6 offers many more pluses than minuses... so come give it a look -- and if you do, then plan to arrive early, as we were forced to turn people away at TechEd US 08 and TechEd EMEA 09 because we simply did not have the room. Attend this talk because, heck, if you're the only person in the building that knows anything about IPv6, then you might be the only one left when all the other jobs go out to The Cloud!</p>	

<b>Microsoft IT Track</b>	
<b>BG01</b>	<b>MDT 2010 Update 1 + ConfigMgr 2007 OSD: Even More "Better Together"</b>
300	Chris Adams; Michael Niehaus
Veronese 2501A	Thu 4/22 2:30p - 3:45p
<p>Microsoft Deployment Toolkit 2010 integrates with System Center Configuration Manager 2007 to provide additional functionality over and above the standard OS deployment features. In this session, we will quickly review this additional functionality, and then will focus on the</p>	

new enhancements coming in MDT 2010 Update 1, including:	
<ul style="list-style-type: none"> <li>• Support for ConfigMgr R3's OEM pre-staged media</li> <li>• The new user-driven OS deployment task sequence template</li> <li>• Offline user state capture from Windows PE</li> <li>• Other miscellaneous enhancements and fixes</li> </ul> <p>We will also hear how Microsoft IT leveraged the user-driven OS deployment task sequence template internally to enable self-service OS deployment with ConfigMgr.</p>	

<b>BG02</b>	<b>Best Practices from Microsoft IT's Use of Configuration Manager 2007 SP2/R3</b>
300	Paul Thomsen
Titian 2206	Thu 4/22 4:00p - 5:15p
<p>Paul Thomsen will discuss the insights found by the Microsoft team which runs ConfigMgr internally to manage 270,000 desktop clients, 15,000 datacenter servers, and related environments. Like the product itself, their best practices continue to evolve, including the use of server virtualization, adding services like App-V, and optimizing the hierarchy to ease the migration to ConfigMgr v.Next.</p>	

## Microsoft Initiatives Track

<b>BH01</b>	<b>Dynamic Infrastructure ToolKit for System Center Deployment: Scenario Walkthrough</b>
300	Ananthanarayan Sundaram; Luis Camara Manoel; Shane Burton
Bellini 2005	Wed 4/21 11:45a - 1:00p
<p>This session explores the Dynamic Infrastructure Toolkit for System Center (DIT-SC): a free, partner-extensible turnkey solution that enables data centers to dynamically pool, allocate, and manage resources, delivering Infrastructure as a Service (IaaS). This solution integrates with System Center and provides ready-to-use components such as an Administration Portal, a Self Service Provisioning Portal and a light weight Provisioning Engine that allows for the seamless integration of the Dynamic Data Center components. This session will illustrate how DIT-SC enables IT Implementers create agile, virtualized IT infrastructures, made possible via easy configuration and allocation of resources based on an automated Business Unit IT (BUI) on-boarding process. This session will also demonstrate how the DIT-SC self-service portal allows the BUI to self-provision infrastructure to deploy their application environments.</p>	

<b>BH02</b>	<b>Cloud Computing in the Enterprise: Enabling the Foundation with the Dynamic Infrastructure Toolkit for System Center</b>
200	Ananthanarayan Sundaram; Dung Hoang Khac; Luis Camara Manoel

Bellini 2105	Tue 4/20 11:45a - 1:00p
<p>This session provides an overview of Cloud Computing from the perspective of the business decision maker and helps you understand how solutions from Microsoft enhance business agility, reduce management complexity, and significantly lower IT costs. You'll see how a dynamic data center-built on an optimized infrastructure based on Windows Server 2008 R2 and System Center-provides a robust foundation for Private Cloud solutions. You'll also see how the Dynamic Infrastructure Toolkit for System Center (DIT-SC) enables the foundation for Private Cloud computing while lowering your overall costs of on-boarding, deployment, and management.</p>	

<b>BH03</b>	<b>Real World Service Health Monitoring for microsoft.com</b>
300	Brian Copps
Titian 2301A	Tue 4/20 4:00p - 5:15p

Get a first hand detailed understanding of how Operations Manager R2 is being used to manage the system health of enterprise scale web platforms such as microsoft.com and Microsoft Update. This session includes coverage of single location and global multi-location data centers, leveraging Performance & Event collections for Incident Mgmt and Trending Analytics, Application Monitoring, and as a framework to integrate with Service Manager.

<b>BH04</b>	<b>Real World Incident Management on microsoft.com</b>
300	Jim Livingston
Bellini 2005	Thu 4/22 4:00p - 5:15p

This is an opportunity to learn how microsoft.com has transitioned to System Center Service Manager as the core integration point for managing their server Incident Management process in a multi domain, multi forest configuration. This session will provide insight into the planning and implementation efforts, including how they integrated with the System Center Operations Manager alert connector. This session will also cover best practices for setting up service maps to automate incident assignment, linking incidents to knowledge base content and configuring workflows.

<b>BH05</b>	<b>Considerations for deploying and managing applications in the cloud</b>
300	Yousef Khalidi
Bellini 2005	Tue 4/20 10:15a - 11:30a

This talk starts by presenting Microsoft's view of the cloud as part of a spectrum from on-premises IT all the way to the public cloud. After an overview of Windows Azure, Microsoft's cloud platform, the talk covers some of cloud computing's new operational challenges around networking, security, application compatibility, and compliance. A general methodology for moving applications to the cloud will be

presented along with specific pointers for using the Windows Azure platform.

<b>BH06</b>	<b>How to implement and manage Virtualized/Private Cloud Infrastructure with HP Converged Infrastructure and Microsoft System Center</b>
200	Brad Kirby; Dung Hoang Khac; Michael Cooper; Radhesh Balakrishnan
Bellini 2105	Tue 4/20 4:00p - 5:15p

The HP-Microsoft Infra2App initiative is focused on enabling IT Admins to manage virtualized / private cloud infrastructure and optimize IT service delivery through the: Deployment | Management | Monitoring | Servicing stages of the lifecycle. During this session, you will learn how to implement a virtualized / private cloud infrastructure while reducing complexity through dynamic resource pooling, improving operational efficiency through service provisioning, comprehensive insight and control and reducing risk through reference solution architectures for virtualizing mission critical applications like Sharepoint, SQL Server and core infrastructure services. The following products and solutions will also be demoed:

- Microsoft System Center enhanced with HP Insight Control for hardware management
- Long Distance Live Migration showcasing Service Manager, Ops Manager, VMM with HP Hardware
- Provisioning into the private Cloud utilizing DIT-SC, SCVMM and LeftHand Networks Storage

<b>BH21</b>	<b>Thin, VDI, Blade, Thick, Optimized Desktop... Which one should you use?</b>
300	Eduardo Kassner
Titian 2303	Tue 4/20 10:15a - 11:30a

The market has gone from Thin to Thick, to Fat, to Slim, to VDI, to Blade... and now to Optimized...what have analysts said over time...How this market has grown... What is Microsoft's vision? What are our current investments...This session has analyst reviews... TCO analysis and it is energized with a demonstration that shows how to roam a users profile from Windows XP to Windows 7 to a thin client with remote applications, to a remote desktop connection, to a VDI session.... All the while the users retain his data, security printers, profile and applications.

## Security & Compliance Management Track

<b>BI01</b>	<b>Security and Management Converge at the Endpoint: Forefront Endpoint Protection and System Center Configuration Manager</b>
200	Ariel Katz; Noelle Mendez-Villamil
Bellini 2005	Tue 4/20 2:15p - 3:30p

The disciplines of system management and security can be considered two sides of the same IT coin when it comes to endpoints - one ensures that systems are configured, patched, and operating correctly, the other keeps threats and vulnerabilities from compromising the system. The upcoming release of Forefront Endpoint Protection is built on System Center Configuration Manager to deliver high levels of protection and productivity. Join this session to get an overview of what customers can expect from this convergence of security and management.

<b>BI02</b>	<b>Managing and Securing Endpoints with Forefront and System Center</b>
300	Bill Jensen; Mark Florida; Ziv Rafalovich
Bellini 2005	Thu 4/22 2:30p - 3:45p

The upcoming release of Forefront Endpoint Protection 2010 is built on System Center Configuration Manager to provide centralized, simplified management of endpoint security. Join this session to get a technical first look at the new threat protection features in Forefront Endpoint Protection 2010, how it builds on SCCM for deployment, configuration, updating and reporting, and how customers can use these technologies to reduce complexity and lower infrastructure costs.

<b>BI03</b>	<b>Automating and Simplifying Compliance and Risk with System Center: Tour Compliance and Risk Mgmt with System Center Service Manager 2010</b>
200	Chase Carpenter; Clare Henry; Jeffrey Miller; Tom Gemmell
Bellini 2105	Wed 4/21 2:15p - 3:30p

Today, the enormous cost and complexity of compliance and risk is managed through manual labor and disconnected processes within the organization. Customers are working diligently to drive efficiency and increase confidence in meeting their compliance requirements for HIPPA, SOX and over hundreds of other standards and regulations. During this session we will demonstrate how Service Manager will automate the process and activities of Compliance and Risk Management across System Center. During the last portion of the session, we will have a panel discussion where you can ask experts more about compliance and Microsoft's solutions.

<b>BI31</b>	<b>Cracking Open Kerberos: Understanding How AD Knows Who You Are</b>
400	Mark Minasi
Veronese 2501A	Mon 4/19 1:30p - 2:45p

When used for simple authentication, then Active Directory's authenticator-of-choice Kerberos is trouble-free: set up an AD, Kerberos just works and that's it. But start to add AD-aware servers and services, or try to understand how a read-only domain controller differs from a full DC, and all of sudden there's a LOT to know -- and ticket granting tickets, pre-authenticators, and session keys are just the start, as anyone who's attended security techie Mark Minasi's highly-rated "Windows Logins Revealed" in many Microsoft conferences knows. But what's this about "delegation," or, in Server 2008, "CONSTRAINED delegation" -- is it only permissible between consenting adults? And what's an "SPN," the thing that the invaluable "setspn" utility assists with? Once past that, you may find that some of your users seem to be logged onto AD but aren't really, due to the frightening-sounding "token bloat." What's all of this (it's good news, really), and what can it do for (or to) you? Find out when Mark resumes the mantle of Revealer of Windows Logons, explaining all this -- and more -- while keeping that trademark Minasi energy and humor. Don't miss TechEd 09 session attended by more people than any other session!

## Community Track

<b>BJ01</b>	<b>Creating an Information Experience for Windows and Management Customers</b>
300	Ben Jackson; Steven Kaczmarek
Bellini 2005	Mon 4/19 3:00p - 4:15p

You know about the thousands of topics, documents, white papers, KB articles and other information sources available to support you as you use Microsoft Windows and Windows Server products. The Server and Cloud Division - Information Experience team is committed to enhancing your experience with Windows Server products by creating an information experience - not just writing content. This session will explore how we are leading Microsoft in driving innovation, excellence, and community-focused enhancements to the product support experience based on customer feedback. This session is a follow-up session to one we presented in 2008 at which we gathered your input and feedback. Now we'd like to show you where we are and where we are going. This session also sets up and will be supported by 2 key focus groups we will be conducting at the conference this year.

<b>BJ31</b>	<b>Conquering the Summit: A Freshmen Orientation</b>
100	Warren Byle
Veronese 2501A	Mon 4/19 12:00p - 1:15p
Bellini 2005	Mon 4/19 4:30p - 5:45p

If this is your first time attending the Microsoft Management Summit, then you don't want to miss this session! You'll learn priceless tips and tricks to maximize your investment in MMS. We'll give you the inside scoop on all the sessions, labs and Expo vendors. If that's not enough, we'll get you networked with other attendees and alumni from your area. Finally, we'll answer all your questions so that you have everything you need to conquer the Summit!

<b>BJ32</b>	<b>How to Utilize Community to Complete Your System Center Investment</b>
200	Rod Trent; Ron Crumbaker
Bellini 2105	Wed 4/21 4:00p - 5:15p

The System Center Suite of applications require a certain level of expertise and knowledge during the entire acquisition process. Administrators of System Center products continually look for help for purchasing, implementation, and ongoing management. While Microsoft provides a number of resources for obtaining information about specific System Center products, administrators look for ways of connecting with peers who have developed tried-and-true methods for implementations and management. For over 10 years, System Center communities have gathered in central locations and existed to provide peer support, sharing, collaboration and feedback. Locating and interacting with the right community can bring ultimate value to your organization's investment in today's technologies. Learn about best practices for participating in the System Center community and become a System Center hero.

## Sponsors Track

<b>BK01</b>	<b>Deploying Microsoft Applications on HP Converged Infrastructure - A Look Under the Covers</b>
200	Paul Gavin
Bellini 2005	Tue 4/20 11:45a - 1:00p

To expand their competitive edge in today's marketplace, businesses must ensure rapid and reliable delivery of IT services to their employees and customers. This session provides a detailed look at how Microsoft System Center and HP Converged Infrastructure work together to pool server, storage, and networking resources and deliver the best environment for hosting key Microsoft applications. It will also provide a sneak peek at how HP and Microsoft are working together to allow automated provisioning of virtualized IT services by integrating Microsoft's Dynamic Infrastructure Toolkit for System Center with HP Converged Infrastructure.

<b>BK02</b>	<b>Managing ProLiant and BladeSystem with Microsoft System Center and HP Insight Control</b>
200	Doug deWerd

Bellini 2005	Wed 4/21 2:15p - 3:30p
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HP Insight Control, combined with Microsoft System Center and Hyper-V, enables customers to consolidate hardware, improve utilization, increase automation, and enhance system portability. This session will highlight the core HP server and storage management integrations for System Center products, including OS deployment and firmware/driver update using System Center Configuration Manager, server and storage monitoring and alerting using System Center Operations Manager, and virtual machine management using System Center VMM. The session will also discuss packaging, licensing, and installation considerations and feature a live demo of key management integration functionality.

<b>BK03</b>	<b>Everything You Need to Manage the Dynamic Datacenter (Live Demo)</b>
300	John Mansfield
Galileo 1001	Tue 4/20 2:15p - 3:30p

The Hitachi Data Systems vision is to help businesses improve IT agility and cost, and this is especially important as enterprises move toward cloud implementations. Based on a Microsoft platform including Operations Manager and Virtual Machine Manager, the Hitachi infrastructure optimization solution integrates and automates cloud architecture for all data center operations. This session shows streamlining data center management with best-in-class virtualization, networking, computing, storage and applications. Learn how the platform creates the virtual environment for high availability and disaster recovery. See a live demo of a simulated disaster recovery from datacenter failure.

<b>BK04</b>	<b>Everything You Need to Manage the Dynamic Datacenter (Live Demo)</b>
300	John Mansfield
Galileo 1001	Wed 4/21 11:45a - 1:00p

The Hitachi Data Systems vision is to help businesses improve IT agility and cost, and this is especially important as enterprises move toward cloud implementations. Based on a Microsoft platform including Operations Manager and Virtual Machine Manager, the Hitachi infrastructure optimization solution integrates and automates cloud architecture for all data center operations. This session shows streamlining data center management with best-in-class virtualization, networking, computing, storage and applications. Learn how the platform creates the virtual environment for high availability and disaster recovery. See a live demo of a simulated disaster recovery from datacenter failure.

<b>BK05</b>	<b>Enabling IT Efficiencies with Dell OpenManage and Microsoft System Center</b>
200	Enrico Bracalente; Jay Perusse
Titian 2206	Tue 4/20 4:00p - 5:15p

System Center customers, consider Dell OpenManage Integration Suite tools to help automate deployment, update and monitoring tasks across the industry's most extensive range of device types. Examine new methods for reducing the complexity, time, and costs associated with traditional methods of remote management. We'll demonstrate how you can combine System Center, Dell's intelligent platform manageability, and OpenManage integration tools to simplify management of physical and virtual environments. Enable your own efficient enterprise.

**BK06 Technical Drill Down on System Center Configuration Manager 2007 with Dell IT**

300 Angie Stahl; Chris Minaugh; Donnie Taylor; Greg Ramsey; Warren Byle

Veronese 2405 Wed 4/21 10:15a - 11:30a

Dell IT and Product Group systems engineers work together in the development and testing of System Center applications and Dell's OpenManage Integration Suite for System Center tools for good reason. Why? We use them internally to accelerate efficiencies in deploying and managing our PowerEdge servers and PCs - Dell Precision, Latitude, and OptiPlex models. This is a technical discussion with in-depth demonstrations of Dell's integration points with Configuration Manager and (free) downloadable tools you can use too. Learn from Dell IT@Work.

**BK07 How to Transform Desktops into Dynamic Workspaces**

300 Bob Janssen

Titian 2301A Tue 4/20 11:45a - 1:00p

Changes in the desktop infrastructure often impact the way an end user works today with their desktop. User Workspaces are a prerequisite for a smooth transition to a new or improved desktop infrastructure. Once User Workspaces are in place, any component of the desktop infrastructure can be replaced with maximum control and without impacting user productivity. Desktop Transformation provides the answer for how to get from the current desktop state to managed User Workspaces.

**BK08 "Energy efficient IT" including real world customer success**

200 Andy Hawkins; Ed Aldrich

Bellini 2105 Wed 4/21 10:15a - 11:30a

In this session, learn how 1E customers have saved over \$350 million by using 1E's market leading PC power management solution, NightWatchman. Now even larger savings are made possible through 1E's latest innovation, NightWatchman Server Edition. With over 1,100+ customers including AT&T, Chrysler, Colgate, Dell, Ford, PG&E, Microsoft, Verizon Wireless and the US Department of Veterans Affairs, discover how 1E can help your organization reduce servers, helpdesk

calls and software license waste.

**BK09 Monitoring VMware and Hyper-V with Operations Manager**

300 Brian Jones; Michael Guthrie

Veronese 2501A Thu 4/22 10:15a - 11:30a

Virtualization experts Michael Guthrie and Brian Jones explain how to monitor your virtual environment (VMware ESX, Hyper-V or mixed) using System Center Operations Manager. They will show you how to collect and analyze the deep performance and availability metrics you need, tune your virtual environment to operate at peak efficiency, and use industry best practices to assist with capacity planning and management.

**BK10 SVT Audit Manager Unifying Operations, Security & IT GRC Auditing**

300 Martin Sajkowski

Bellini 2005 Wed 4/21 4:00p - 5:15p

Secure Vantage Technologies (SVT) will demonstrate their next generation of IT Governance, Risk & Compliance (IT GRC) reporting solutions. Using a real-life customer example, they will demonstrate how SVT Audit Manager unified operations, security teams and auditors in managing an internal security threat which targeted a customers' online ordering infrastructure; impacting their PCI DSS alignment. Leveraging Microsoft System Center, SVT will show how SVT Audit Manager played a pivotal, integrated role in apprehending the hacker.

**BK11 Config Manager 2007 On Steroids - Real Life Experiences From The Field**

300 David Olson; John Marcum; Keith Klockenga; Steve Jameson

Titian 2206 Wed 4/21 11:45a - 1:00p

Four experienced System Center Configuration Manager 2007 administrators will demonstrate how they optimized their Configuration Manager environments using several add-on products from Adaptiva

**BK12 Reducing TCO with Intel® manageability technologies and Microsoft® System Center products**

200 David Jenkins; Matt Royer

Bellini 2005 Thu 4/22 10:15a - 11:30a

Reduce your IT operating costs by leveraging Microsoft® System Center Configuration Manager and Service Manager to take advantage of the latest Intel-based client and server manageability technologies. This session will cover the usages of Intel® vPro™ Technology, Intel® Anti-Theft Technology, and Intel® Intelligent Power Node Manager. These technologies deliver cost savings through secure / reliable remote client

power control, improved client remote diagnostics via KVM remote control, remote client media redirection for remediation and easing Windows® 7 OS deployments, and server and power management.

**BK13 Complete Data Management for the Dynamic Datacenter**

300 Richard Preston

Bellini 2005 Thu 4/22 8:30a - 9:45a

Implementing a Dynamic Datacenter is all about efficient and effective data management. At the most fundamental level, this involves provisioning, copying, and protecting data (including virtual machine and virtual hard disk images). This session includes demos that show how these and other data management tasks can be streamlined via integrated server and storage management tools. It also outlines steps to dramatically increase storage efficiency, reduce datacenter footprint, increase productivity, and enable highly-successful Dynamic Datacenter implementations.

**BK14 Leveraging System Center to manage your Citrix environment from desktop to datacenter**

200 Barry Flanagan; Tony Sanchez

Titian 2303 Thu 4/22 2:30p - 3:45p

System Center is the enterprise solution for workload management. Now, organizations can leverage their System Center investment to manage both Microsoft and Citrix virtualization solutions including: XenApp integration with App-V and SCCM  
XenDesktop integration with SCVMM to deliver desktop virtual machines  
VPX (built on Hyper-V) to load balance and accelerate Exchange and SharePoint deployments with SCOM and SCVMM  
Citrix Essentials for Microsoft Hyper-V for storage optimization and Site Recovery

## Instructor-led Labs

### Systems Management Track

#### IA01 Introduction to Configuration Manager v.Next

300 Brett Flegg; Brian Mason; Rahul Ramesh; Wally Mead

Ballroom B Mon 4/19 10:30a - 11:45a

Ballroom B Mon 4/19 6:00p - 7:15p

Ballroom B Wed 4/21 11:45a - 1:00p

In this lab, you will explore the completely new Configuration Manager v.Next Console. This will give you the experience and knowledge you will need to navigate the console in the remaining Configuration Manager v.Next hands-on labs. Configuration Manager v.Next will be entering its initial beta release shortly after MMS 2010. Be one of the first people outside of Microsoft to complete hands-on training with the newest version of Configuration Manager.

#### IA02 Deploying Configuration Manager v.Next

300 Eric Mattoon; Gabe Brown; Ronni Pedersen; Wally Mead

Ballroom B Tue 4/20 11:45a - 1:00p

In this lab, you will deploy Configuration Manager v.Next in a simple environment - a single site. You will also install a client computer in your site. The lab will show you how to install a single site and clients using the new features in Configuration Manager v.Next which will be entering its initial Beta release soon after MMS 2010. Be one of the first people outside Microsoft to complete hands-on training on the newest version of Configuration Manager.

#### IA03 Deploying a Configuration Manager v.Next Hierarchy

300 Gabe Brown; Khuzaima Iqbal; Stefan Schörling; Wally Mead

Ballroom B Tue 4/20 2:15p - 3:30p

In this lab, you will deploy Configuration Manager v.Next in a hierarchy environment including a CAS, a primary, and a secondary site. The deployment process for Configuration Manager v.Next is very different from that in Configuration Manager 2007, so even those familiar with hierarchy deployment with previous versions should attend. The lab will provide the core knowledge needed to deploy a hierarchy in Configuration Manager v.Next which will be entering its initial Beta release soon after MMS 2010. Be one of the first people outside Microsoft to complete hands-on training on the newest version of Configuration Manager.

#### IA04 Migrating from Configuration Manager 2007 to Configuration Manager v.Next

300 Eric Mattoon; Gabe Brown; Stefan Schörling; Wally Mead

Ballroom B Wed 4/21 10:15a - 11:30a

This lab shows you how to migrate a Configuration Manager 2007 site and client to the new Configuration Manager v.Next version using a side-by-side migration. This lab will provide the skills necessary to assist you with your migrations. Configuration Manager v.Next will be entering its initial beta release soon after MMS 2010. Be one of the first people outside Microsoft to complete hands-on training on the newest version of Configuration Manager.

#### IA05 Implementing Configuration Manager v.Next Role Based Access Control

300 Ron Crumbaker; Wally Mead; Yumin Guo

Ballroom B Tue 4/20 10:15a - 11:30a

Ballroom B Thu 4/22 8:30a - 9:45a

This lab introduces you to the role based access control (RBAC) feature of Configuration Manager v.Next which helps to secure access to Configuration Manager data. The security rights environment of Configuration Manager 2007 is very different from the RBAC feature of Configuration Manager v.Next. This lab will give you the knowledge and background you will need to implement RBAC in your own Configuration Manager v.Next environment. Be one of the first people outside Microsoft to complete hands-on training on the newest version of Configuration Manager.

#### IA06 Basic Software Distribution in Configuration Manager v.Next

300 Gabe Brown; Jason Lewis; Michael Cureton; Wally Mead

Ballroom B Mon 4/19 12:00p - 1:15p

Ballroom B Thu 4/22 10:15a - 11:30a

During this lab, you will perform basic software distribution within Configuration Manager v.Next. The exercises will demonstrate the knowledge and skills necessary to complete basic software distribution scenarios in Configuration Manager v.Next. The lab will also cover legacy software distribution, which is very similar to the solution provided in the Configuration Manager 2007 software distribution model. Configuration Manager v.Next will be entering its initial beta release soon after MMS 2010. Be one of the first people outside Microsoft to complete hands-on training on the newest version of Configuration Manager.

#### IA07 Advanced Software Distribution in Configuration Manager v.Next

300 Eric Mattoon; Jason Sandys; Rahul Ramesh; Wally Mead

Ballroom B Mon 4/19 1:30p - 2:45p

Ballroom B Thu 4/22 11:45a - 1:00p

Using Configuration Manager v.Next you will perform an advanced software distribution scenario, creating numerous deployment types, implementing requirement and delivery rules and defining user device affinity. This lab will provide you with the knowledge to implement complex software distribution in Configuration Manager v.Next. Configuration Manager v.Next will be entering its initial beta release soon after MMS 2010. Be one of the first people outside Microsoft to complete hands-on training on the newest version of Configuration Manager.

#### IA08 Implementing Software Updates in Configuration Manager v.Next

300 Jason Lewis; Panu Saukko; Wally Mead

Ballroom B Mon 4/19 4:30p - 5:45p

Ballroom B Wed 4/21 4:00p - 5:15p

This lab will walk through configuration of the software update management feature of Configuration Manager v.Next. The basic concept of managing software updates in v.Next is similar to Configuration Manager 2007, however there are several new capabilities included in Configuration Manager v.Next which provide added functionality and flexibility. The exercises in this lab will provide you with the knowledge you need to manage software updates in your environment. Configuration Manager v.Next will be entering its initial beta release soon after MMS 2010. Be one of the first people outside Microsoft to complete hands-on training on the newest version of Configuration Manager.

#### IA09 Implementing Settings Management in Configuration Manager v.Next

300 Brett Flegg; Kenny Buntinx; Khuzaima Iqbal; Wally Mead

Ballroom B Mon 4/19 3:00p - 4:15p

Ballroom B Wed 4/21 2:15p - 3:30p

During this lab, you will implement the Settings Management feature of Configuration Manager v.Next. The basic concept of managing settings is similar to Desired Configuration Management in Configuration Manager 2007, however there are several new capabilities included in Configuration Manager v.Next which enable added functionality and flexibility, including remediation of non-compliant systems. This lab will provide the knowledge you need to manage Settings Management in your environment. Configuration Manager v.Next will be entering its initial beta release soon after MMS 2010. Be one of the first people outside Microsoft to complete hands-on training on the newest version



of Configuration Manager.

**IA10 Maintaining Healthy Clients in Configuration Manager v.Next**

300 Jason Lewis; Ronni Pedersen; Wally Mead

Ballroom B Tue 4/20 4:00p - 5:15p

In this lab, you will use the Client Health feature of Configuration Manager v.Next to identify and remediate clients which are not successfully communicating with the Configuration Manager environment. The exercises will provide the knowledge you need to manage client health in your own environment. Configuration Manager v.Next will be entering its initial beta release soon after MMS 2010. Be one of the first people outside Microsoft to complete hands-on training on the newest version of Configuration Manager

**IA15 Managing Microsoft Updates with Configuration Manager 2007**

300 Arnold Ma; Dave Skofstad; Mikael Buss

Ballroom C Mon 4/19 10:30a - 11:45a

Ballroom C Mon 4/19 6:00p - 7:15p

Ballroom C Tue 4/20 4:00p - 5:15p

Configuration Manager 2007 provides many features and capabilities around Software Update Management. In this lab, you'll walk through the entire process for managing Microsoft updates - from installation, scan, analysis, deployment, to validation that required updates were deployed successfully.

**IA16 Determining Client Health in Configuration Manager 2007 R2**

300 Daton Hall; Steven Rachui; Tom McCandless

Ballroom C Mon 4/19 12:00p - 1:15p

Ballroom C Wed 4/21 10:15a - 11:30a

One of the difficult tasks for Configuration Manager administrators is to identify which clients are healthy and unhealthy in the environment. In this lab, you will see how to implement the client status reporting feature of Configuration Manager R2 to help with the identification of healthy and unhealthy clients. You will see how to install the client status reporting feature, how to configure it and then run reports to identify client health status.

**IA17 Deploying Windows 7 with Configuration Manager 2007**

300 James Mizell; Jeff Gilbert; Marshall Copeland

Ballroom C Mon 4/19 1:30p - 2:45p

Ballroom C Wed 4/21 11:45a - 1:00p

Your company is ready to roll out Microsoft's newest client operating system, Windows 7. What is the best way to deploy Windows 7 in a corporate environment? With ConfigMgr 2007 and its operating system deployment capabilities. In this hands-on lab, you'll see how to create an image of a Windows 7 reference system, and then deploy that image to upgrade a Windows XP client using ConfigMgr.

**IA18 Generating Asset Intelligence Data with Configuration Manager 2007**

300 Christopher Urban; Kath McBride; Tom McCandless

Ballroom C Mon 4/19 3:00p - 4:15p

Ballroom C Wed 4/21 2:15p - 3:30p

Reporting application installations is a very important task for Configuration Manager administrators. Configuration Manager includes our Asset Intelligence feature, which helps administrators identify application deployed in the environment, both physical as well as virtual applications. In this hands-on lab, you will see how easy it is to enable Asset Intelligence data collection, and how easy it is to report application deployments. You will also see how to install an Asset Intelligence Synchronization Point, how to customize the application database, and how to identify clients that will not be able to install a specific application.

**IA19 Integrating Application Virtualization into Configuration Manager 2007 R2**

300 Christopher Tette; Jeff Gilbert; Marshall Copeland

Ballroom C Mon 4/19 4:30p - 5:45p

Ballroom C Wed 4/21 4:00p - 5:15p

Virtual application management is on everyone's mind these days. In this hands-on lab, you will see how to integrate Microsoft Application Virtualization with the R2 update to Configuration Manager 2007. You'll see how to configure a Configuration Manager site to support virtual applications alongside physical applications, take a sequenced application and add it as a virtual application, and how to deploy that virtual application to Configuration Manager clients.

**IA20 Learn Configuration Manager SQL Views to Create Custom Reports**

300 Christopher Tette; Daton Hall; Doug Eby

Ballroom C Tue 4/20 2:15p - 3:30p

Ballroom C Thu 4/22 11:45a - 1:00p

This Instructor-led lab walks you through finding Configuration Manager information in many different SQL views, building custom queries for reporting, and creating reports using SQL Server 2008 Reporting Services. At the end of the lab, you will have a better understanding of

the Configuration Manager 2007 SQL views schema, building queries to retrieve Configuration Manager data from multiple SQL views, using SQL server 2008 Reporting Services to create the custom reports, and running the reports in Configuration Manager 2007 R2.

The Configuration Manager site database contains a large collection of information about the network, computers, users, user groups, and many other components of the computing environment. The database also contains objects that represent Configuration Manager items such as advertisements, software update deployments, configuration baselines, reports, and status messages. The Configuration Manager reporting SQL views schema is complicated and can be very difficult to understand. To effectively create report queries Administrators must have some understanding of the SQL views schema, how to create report queries, and how to create a custom report.

**IA25 Technical Introduction to System Center Essentials 2010**

200 Christopher Urban; Jason Buffington; Kath McBride

Ballroom C Tue 4/20 10:15a - 11:30a

Ballroom C Thu 4/22 8:30a - 9:45a

Be among the first to try System Center Essentials (SCE) 2010, just weeks before the RTM. In this Hands-on Lab we will configure client and server monitoring, software updates and deployment.

**Operations Management Track**

**IB03 Authoring Management Packs: Advanced Concepts**

300 Aurora Santiago; Brett Bennett; Dan Rogers

Ballroom D Tue 4/20 10:15a - 11:30a

Ballroom D Thu 4/22 4:00p - 5:15p

Expand your Management Pack (MP) authoring capabilities through building MPs for common real world scenarios like populating groups from AD, monitoring during business hours only and more. This lab will teach you how to think about building MPs for your custom components yourself and will build upon the Introduction to MP authoring hands on lab.

**IB05 Monitoring UNIX/Linux with Microsoft System Center Operations Manager 2007 R2**

300 David Dixon; Peirong Liu; Robert Hearn

Ballroom D Tue 4/20 4:00p - 5:15p

Ballroom D Thu 4/22 2:30p - 3:45p

This session will introduce you to the Operations Manager 2007 Cross Platform Extensions. The lab presents monitoring of SUSE Linux based platforms, although other Unix/Linux systems that can be monitored

with the beta include:

- HP-UX® 11iv3 (PA-RISC and IA64)
- Sun Solaris® 10 (SPARC and x86)
- Red Hat® Enterprise Linux® 5
- SUSE® Linux Enterprise Server 10 SP1

Through this lab you will learn how to install and configure the Operations Manager 2007 Cross Platform Extensions Beta, explore the different views and reports, discover the monitoring capabilities, and understand the tasks that are available to manage your non-Microsoft operating systems.

### IB06 Operations Manager 2007 R2: Advanced Concepts

300 Christopher Cuble; Christopher Weidman; Ganesh Babu Gnana Sundaram; Vitaly Voloshin

Ballroom D Mon 4/19 4:30p - 5:45p

Ballroom D Thu 4/22 10:15a - 11:30a

Operations Manager 2007 R2 offers a powerful new architecture that can be integrated into many complex environments. This lab guides you through some of the more advanced administration and configuration features within Operations Manager, including the "Run As" architecture, distributed application modeling, notifications, tuning the monitoring infrastructure, and command shell capabilities.

### IB08 Operations Manager 2007 R2: An Introduction

300 Aurora Santiago; Brett Bennett; Ranga Kalyanasundaram; Ruhiiyih Mahalati

Ballroom D Mon 4/19 3:00p - 4:15p

Ballroom D Thu 4/22 8:30a - 9:45a

Operations Manager 2007 R2 is the exciting, upcoming release of Operations Manager. In this lab, gain a foundational understanding of the administration and usage of Operations Manager, as well as an appreciation of the new and enhanced capabilities -- including service level tracking, cross platform monitoring, usability enhancements and performance improvements -- that are delivered in the R2 release. This lab also drives into some of the less marketed features, including one-click maintenance mode, Process and Service Monitoring, Enhanced Service Monitoring, the updated Web console, and more!

### IB15 Introduction to Opalis

300 Charles Joy; Louise Johns; Mark Gosson; Sacha Dawes

Ballroom A Mon 4/19 3:00p - 4:15p

Ballroom A Wed 4/21 11:45a - 1:00p

Ballroom A Thu 4/22 10:15a - 11:30a

This lab is designed to provide a basic understanding of the Opalis Integration Server product, and provide you sufficient information to be able to create your own automation by developing workflows within the

product.

### IB20 Service Manager 2010 Data Warehouse and Reporting

300 Chris Lauren; Vijay Aski

Ballroom D Mon 4/19 10:30a - 11:45a

Ballroom D Wed 4/21 10:15a - 11:30a

This lab will introduce you to the Service Manager 2010 data warehouse and reporting infrastructure. You'll have a chance to try out some of the out of box reports and learn how to administer the DW using the console and PowerShell. Then we'll dive deep into how to extend the data warehouse to store new kinds of data, create reports.

### IB21 Automating IT Processes on Service Manager 2010

300 Jakub Oleksy; Paul Chen

Ballroom D Mon 4/19 12:00p - 1:15p

Ballroom D Wed 4/21 11:45a - 1:00p

In this lab you will build a solution from the ground up to automate an IT process customers deal with all the time - provisioning a new user. In this lab you will learn about extending the model, creating custom forms using XAML, creating workflows using the authoring console and PowerShell, and creating templates. This solution is built without writing a single line of code!

### IB22 Incident and Change Management in Service Manager 2010

300 Meghal Patel; Vladimir Bakhmetyev

Ballroom D Mon 4/19 1:30p - 2:45p

Ballroom D Wed 4/21 2:15p - 3:30p

This lab will introduce the processes to create and handle incidents within the latest Beta of Service Manager 2010. It will then cover the lifecycle of a change, covering all aspects of Change Management in this, the latest version of the Service Manager Beta product.

### IB23 Service Manager Integration with System Center

300 Bahadir Onalan; Marilu Ontaneda

Ballroom D Tue 4/20 11:45a - 1:00p

Ballroom D Wed 4/21 4:00p - 5:15p

This lab will show you how Service Manager brings the System Center suite together. See how connectors between Operations Manager, Configuration Manager and Service Manager light up end-to-end scenarios across the suite such as self-service software provisioning,

alert to incident, compliance management and more.

### IB30 Technical Introduction to System Center Data Protection Manager (DPM) 2010

200 Jason Buffington; Kevin Parr

Ballroom C Tue 4/20 11:45a - 1:00p

Ballroom C Thu 4/22 10:15a - 11:30a

Be among the first to try Data Protection Manager (DPM) 2010 just weeks before the RTM. In this Hands-on Lab we will try out the new protection and recovery features in DPM 2010, including protection of Exchange 2010, SharePoint 2010 and SQL Server 2008.

## Solution Accelerators Track

### IE01 Getting Started with Microsoft Deployment Toolkit 2010

300 Amy Husmann; Bryan Lesko; Mary Blake

Ballroom A Mon 4/19 10:30a - 11:45a

Ballroom A Tue 4/20 2:15p - 3:30p

Microsoft® Deployment was created to assist in deploying Windows operating systems. Microsoft Deployment also updates Deployment Workbench, a tool administrators use to build and manage multiple operating system configurations, define network deployment points and network shares, inject drivers, attach language packs, and chain applications. Microsoft Deployment even helps generate ISO and Windows Imaging Format (WIM) images using Windows® Pre-installation Environment (Windows PE), and which can be deployed in a networked environment or by using various offline media. Microsoft Deployment also alleviates many of the scripting requirements of earlier versions of Business Desktop Deployment (BDD) by incorporating a stand-alone task sequencer derived from Microsoft System Center Configuration Manager 2007.

### IE02 Advanced Deployment Scenarios Using the Microsoft Deployment Toolkit 2010

400 Bryan Lesko; Chris Tillier; Rajat Kumar

Ballroom A Mon 4/19 1:30p - 2:45p

Ballroom A Wed 4/21 4:00p - 5:15p

The Microsoft Deployment Toolkit offers a configuration database that allows methodological automation of deployment configurations based on a number of criteria. With the configuration database, you can configure the automatic assignment of properties based on the target computer Location, Make and Model, and Computer values as well as assign Roles to those methods that contain further configurations. The Microsoft Deployment Toolkit allows users to create linked deployment points in their organization. Linked deployment points allow Administrators to migrate deployment assets between deployment

points through the use of custom selection profiles. The Microsoft Deployment Toolkit Deployment Wizard can be customized to provide functionality beyond the standard deployment process and further customize specialized workspaces.

<b>IE03</b>	<b>Zero Touch Installation Using the Microsoft Deployment Toolkit 2010 and Configuration Manager</b>
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400	Amy Husmann; Ben Hunter
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Ballroom A	Tue 4/20 10:15a - 11:30a
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Ballroom A	Thu 4/22 11:45a - 1:00p
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Microsoft® System Center Configuration Manager 2007 and Microsoft Deployment integrate to make zero touch deployments of Windows 7 quicker and easier to configure as well as adding additional functionality to the deployment process. The process of creating and implementing new task sequences for deploying operating systems is greatly enhanced by the Import Microsoft Deployment Task Sequence Wizard.

<b>IE04</b>	<b>Jumpstart Windows Server 2008 R2 deployment with Microsoft Assessment and Planning Toolkit 5.0</b>
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300	Benny Ayalew; Kingsley Daniel
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Ballroom A	Mon 4/19 12:00p - 1:15p
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Ballroom A	Thu 4/22 8:30a - 9:45a
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Are you ready for migration to Windows Server 2008 R2? Which of your existing servers are good candidates? Complete this lab to learn how to use the new Microsoft Assessment and Planning (MAP) Toolkit 5.0 to assess servers for Windows Server 2008 R2 readiness. We will also cover infrastructure readiness for server virtualization using Hyper-V, and network inventory of heterogeneous environments.

<b>IE05</b>	<b>Jumpstart Windows 7 and Office 2010 deployment with Microsoft Assessment and Planning Toolkit 5.0</b>
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300	Benny Ayalew; Kingsley Daniel
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Ballroom A	Wed 4/21 10:15a - 11:30a
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Ballroom A	Thu 4/22 4:00p - 5:15p
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Are you ready for migration to Windows 7 and Office 2010? Which of your existing PCs are good candidates? Attend this session to learn how to use the new Microsoft Assessment and Planning (MAP) Toolkit 5.0 to assess PCs for Windows 7 and Office 2010 readiness. We will also cover infrastructure readiness for server virtualization using Hyper-V, and network inventory of heterogeneous environments.

## Server Management Technologies Track

<b>IF01</b>	<b>Windows PowerShell for Absolute Beginners</b>
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200	Chris Tillier; James McCaffrey
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Ballroom A	Mon 4/19 4:30p - 5:45p
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Ballroom A	Tue 4/20 4:00p - 5:15p
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This hands-on Lab will get you up and running with Windows PowerShell, Microsoft's latest shell environment and scripting language. Topics covered include: file system navigation, help and discovery features, PowerShell scripts, working with WMI, working with the system registry, and working with Active Directory. Both versions 1.0 and 2.0 of PowerShell are covered. You will leave this lab with a solid grasp of how to use PowerShell to quickly and easily perform common IT management tasks, and have a solid foundation to learn advanced PowerShell topics.

<b>IF05</b>	<b>Migrating DHCP and File Services with Windows Server Migration Tools</b>
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300	Charlyn Warner; Dan Reger; Joey Snow
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Ballroom A	Wed 4/21 2:15p - 3:30p
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This lab will show how the new Windows Server 2008 R2 migration tools can simplify the migration of Windows Server roles. In this lab you will install the server migration tools on both Windows Server 2003 and Windows Server 2008 R2 and use these tools to migrate a functioning DHCP and File Server using the new Powershell based migration tools available in Windows Server 2008 R2.

<b>IF06</b>	<b>Deploying Windows Server 2008 R2 with MDT 2010</b>
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300	Charlyn Warner; Dan Reger; Joey Snow
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Ballroom A	Tue 4/20 11:45a - 1:00p
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Ballroom A	Thu 4/22 2:30p - 3:45p
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This lab will show you how you can automate the installation of Windows Server 2008 R2 and some of the Windows Server Roles. In the course of this lab, you will configure the Deployment Workbench in MDT 2010 to install Windows Server 2008 R2 and configure a task sequence that will install an Active Directory Domain Controller, DNS, and DHCP. You will also be able to see how you can use DHCP to configure the settings for DHCP and DNS including DHCP scopes and DNS zones.

# Keynotes

## Microsoft Initiatives Track

<b>KEY1</b>	<b>Managing Systems from the Datacenter to the Cloud</b>
200	Bob Muglia
Hall C	Tue 4/20 8:30a - 9:45a
<p>Bob Muglia, President of Microsoft Server and Tools Business, returns to speak at this year's event. Since MMS 2009, the buzz in the IT industry about cloud computing has continued to grow. There are many different perspectives on the cloud, its capabilities, its enablers and what it means to the world of IT operations and systems management. Get Bob Muglia's perspective on what cloud services mean for the datacenter, what you can do today with these services, and how your approach to cloud services can help you change your company's IT operations for the better.</p>	

<b>KEY2</b>	<b>User Centric Client Management</b>
200	Brad Anderson
Hall C	Wed 4/21 8:30a - 9:45a
<p>Unify. Simplify. Control. Get inspired as Brad Anderson, Corporate Vice President of the Management and Services Division at Microsoft, returns to speak on user-centric client management. Listen in as Brad gives his perspectives on the rising need for a more user-centric approach to client management and discusses the technologies and roadmap Microsoft is delivering to help you get there. Learn what you can do today with the hottest technologies in client management like desktop virtualization and cloud computing to deliver user-centric services while lowering your overall TCO and improving your business processes. Hear how you can use these technologies to dramatically simplify client management while you unify your client environment to drive lower costs and improve services.</p>	

## Panel Sessions

### Systems Management Track

#### EA01 Configuration Manager v.Next - Ask the Panel of Experts

300 Jeff Wettlaufer

Veronese 2501A Thu 4/22 5:30p - 6:30p

OK - so, you've attended all the breakouts on ConfigMgr v.Next and completed all the hands-labs. Now you know the "what" of ConfigMgr v.Next. How about getting a chance to learn the "how" and "why" of ConfigMgr? We've assembled a panel of engineering leadership from the ConfigMgr team, along with a few key MVP's, to really answer your questions about the "how's" and "why's" of ConfigMgr. To help tee it up we are using some social avenues to hear from you. Either email a question to the session moderator (jeffwe@microsoft.com) or simply tweet a question using the hashtag #MMSEA01. Even if you don't have a question - come join us to hear these so-called "experts" answer the tough questions and provide insights into the product and strategies for ConfigMgr.

### Operations Management Track

#### EB01 Operations Management - Ask the Panel of Experts

300 Sacha Dawes

Veronese 2501A Wed 4/21 5:30p - 6:30p

This session will be a free format opportunity for attendees to present their toughest questions to a panel of Operations Management experts with in depth knowledge of the Operations Manager, Service Manager, Data Protection Manager and Opalis products.

### Virtualization Track

#### ED01 Virtualization - Ask the Panel of Experts

300 David Greschler; Jeff Woolsey; Michael Kleef

Titian 2301A Tue 4/20 5:30p - 6:30p

This session provides a free format opportunity for attendees to present their toughest questions to a panel of Virtualization experts from Microsoft and across the IT Industry. Bring your questions on Microsoft Virtualization including Hyper-V, Application Virtualization, MED-V, VDI and all other related technologies. This is chance to hear answers to your pressing questions and those of your peers.

## Community Track

#### EJ01 Ask the Panel of Community Experts

300 Rod Trent

Veronese 2501A Tue 4/20 5:30p - 6:30p

This session continues to be one of the most popular at MMS each year, where we bring together a panel of community experts to answer your burning management questions. As in previous year's, any and all questions are acceptable, as you try to stump the carefully crafted expert panel. Get help with your biggest technical issues back home or find out more about the latest product releases. Rod Trent, owner of myITforum.com, the largest internet systems management community, will moderate the session.

# Self-paced Labs

## Systems Management Track

### LA01 Introduction to Configuration Manager v.Next

300

HOL Area C

In this lab, you will explore the completely new Configuration Manager v.Next Console. This will give you the experience and knowledge you will need to navigate the console in the remaining Configuration Manager v.Next hands-on labs. Configuration Manager v.Next will be entering its initial beta release shortly after MMS 2010. Be one of the first people outside of Microsoft to complete hands-on training with the newest version of Configuration Manager.

### LA02 Deploying Configuration Manager v.Next

300

HOL Area C

In this lab, you will deploy Configuration Manager v.Next in a simple environment - a single site. You will also install a client computer in your site. The lab will show you how to install a single site and clients using the new features in Configuration Manager v.Next which will be entering its initial Beta release soon after MMS 2010. Be one of the first people outside Microsoft to complete hands-on training on the newest version of Configuration Manager.

### LA03 Deploying a Configuration Manager v.Next Hierarchy

300

HOL Area C

In this lab, you will deploy Configuration Manager v.Next in a hierarchy environment including a CAS, a primary, and a secondary site. The deployment process for Configuration Manager v.Next is very different from that in Configuration Manager 2007, so even those familiar with hierarchy deployment with previous versions should attend. The lab will provide the core knowledge needed to deploy a hierarchy in Configuration Manager v.Next which will be entering its initial Beta release soon after MMS 2010. Be one of the first people outside Microsoft to complete hands-on training on the newest version of Configuration Manager.

### LA04 Migrating from Configuration Manager 2007 to Configuration Manager v.Next

300

HOL Area C

This lab shows you how to migrate a Configuration Manager 2007 site and client to the new Configuration Manager v.Next version using a side-by-side migration. This lab will provide the skills necessary to assist you with your migrations. Configuration Manager v.Next will be entering its initial beta release soon after MMS 2010. Be one of the first people outside Microsoft to complete hands-on training on the newest version of Configuration Manager.

### LA05 Implementing Configuration Manager v.Next Role Based Access Control

300

HOL Area C

This lab introduces you to the role based access control (RBAC) feature of Configuration Manager v.Next which helps to secure access to Configuration Manager data. The security rights environment of Configuration Manager 2007 is very different from the RBAC feature of Configuration Manager v.Next. This lab will give you the knowledge and background you will need to implement RBAC in your own Configuration Manager v.Next environment. Be one of the first people outside Microsoft to complete hands-on training on the newest version of Configuration Manager.

### LA06 Basic Software Distribution in Configuration Manager v.Next

300

HOL Area C

During this lab, you will perform basic software distribution within Configuration Manager v.Next. The exercises will demonstrate the knowledge and skills necessary to complete basic software distribution scenarios in Configuration Manager v.Next. The lab will also cover legacy software distribution, which is very similar to the solution provided in the Configuration Manager 2007 software distribution model. Configuration Manager v.Next will be entering its initial beta release soon after MMS 2010. Be one of the first people outside Microsoft to complete hands-on training on the newest version of Configuration Manager.

### LA07 Advanced Software Distribution in Configuration Manager v.Next

300

HOL Area C

Using Configuration Manager v.Next you will perform an advanced software distribution scenario, creating numerous deployment types, implementing requirement and delivery rules and defining user device affinity. This lab will provide you with the knowledge to implement complex software distribution in Configuration Manager v.Next. Configuration Manager v.Next will be entering its initial beta release soon after MMS 2010. Be one of the first people outside Microsoft to complete hands-on training on the newest version of Configuration

Manager.

### LA08 Implementing Software Updates in Configuration Manager v.Next

300

HOL Area C

This lab will walk through configuration of the software update management feature of Configuration Manager v.Next. The basic concept of managing software updates in v.Next is similar to Configuration Manager 2007, however there are several new capabilities included in Configuration Manager v.Next which provide added functionality and flexibility. The exercises in this lab will provide you with the knowledge you need to manage software updates in your environment. Configuration Manager v.Next will be entering its initial beta release soon after MMS 2010. Be one of the first people outside Microsoft to complete hands-on training on the newest version of Configuration Manager.

### LA09 Implementing Desired Configuration Management in Configuration Manager v.Next

300

HOL Area C

During this lab, you will implement the desired configuration management feature of Configuration Manager v.Next. The basic concept of managing desired configuration is similar to Configuration Manager 2007, however there are several new capabilities included in Configuration Manager v.Next which enable added functionality and flexibility, including remediation of non-compliant systems. This lab will provide the knowledge you need to manage desired configuration management in your environment. Configuration Manager v.Next will be entering its initial beta release soon after MMS 2010. Be one of the first people outside Microsoft to complete hands-on training on the newest version of Configuration Manager.

### LA10 Maintaining Healthy Clients in Configuration Manager v.Next

300

HOL Area C

In this lab, you will use the Client Health feature of Configuration Manager v.Next to identify and remediate clients which are not successfully communicating with the Configuration Manager environment. The exercises will provide the knowledge you need to manage client health in your own environment. Configuration Manager v.Next will be entering its initial beta release soon after MMS 2010. Be one of the first people outside Microsoft to complete hands-on training on the newest version of Configuration Manager

<b>LA11</b>	<b>Deploying Configuration Manager v.Next Device Management</b>
300	
HOL Area C	
<p>Configuration Manager v.Next will be entering its initial beta release soon after MMS 2010. Be one of the first people outside Microsoft to complete hands-on training on the newest version of Configuration Manager. In this lab, you will implement a basic device management environment in Configuration Manager v.Next. You will enable the roles necessary to support Windows Mobile devices in Configuration Manager v.Next. This lab will provide the basic knowledge necessary to implement device management in Configuration Manager v.Next.</p>	

<b>LA15</b>	<b>Managing Microsoft Updates with Configuration Manager 2007</b>
300	
HOL Area C	
<p>Configuration Manager 2007 provides many features and capabilities around Software Update Management. In this lab, you'll walk through the entire process for managing Microsoft updates - from installation, scan, analysis, deployment, to validation that required updates were deployed successfully.</p>	

<b>LA16</b>	<b>Determining Client Health in Configuration Manager 2007 R2</b>
300	
HOL Area C	
<p>One of the difficult tasks for Configuration Manager administrators is to identify which clients are healthy and unhealthy in the environment. In this lab, you will see how to implement the client status reporting feature of Configuration Manager R2 to help with the identification of healthy and unhealthy clients. You will see how to install the client status reporting feature, how to configure it and then run reports to identify client health status.</p>	

<b>LA17</b>	<b>Deploying Windows 7 with Configuration Manager 2007</b>
300	
HOL Area C	
<p>Your company is ready to roll out Microsoft's newest client operating system, Windows 7. What is the best way to deploy Windows 7 in a corporate environment? With ConfigMgr 2007 and its operating system deployment capabilities. In this hands-on lab, you'll see how to create an image of a Windows 7 reference system, and then deploy that image to upgrade a Windows XP client using ConfigMgr.</p>	

<b>LA18</b>	<b>Generating Asset Intelligence Data with Configuration Manager 2007</b>
300	
HOL Area C	
<p>Reporting application installations is a very important task for Configuration Manager administrators. Configuration Manager includes our Asset Intelligence feature, which helps administrators identify application deployed in the environment, both physical as well as virtual applications. In this hands-on lab, you will see how easy it is to enable Asset Intelligence data collection, and how easy it is to report application deployments. You will also see how to install an Asset Intelligence Synchronization Point, how to customize the application database, and how to identify clients that will not be able to install a specific application.</p>	

<b>LA19</b>	<b>Integrating Application Virtualization into Configuration Manager 2007 R2</b>
300	
HOL Area C	
<p>Virtual application management is on everyone's mind these days. In this hands-on lab, you will see how to integrate Microsoft Application Virtualization with the R2 update to Configuration Manager 2007. You'll see how to configure a Configuration Manager site to support virtual applications alongside physical applications, take a sequenced application and add it as a virtual application, and how to deploy that virtual application to Configuration Manager clients.</p>	

<b>LA20</b>	<b>Learn Configuration Manager SQL Views to Create Customized Reports</b>
300	
HOL Area C	
<p>This lab walks you through finding Configuration Manager information in many different SQL views, building custom queries for reporting, and creating reports using SQL Server 2008 Reporting Services. At the end of the lab, you will have a better understanding of the Configuration Manager 2007 SQL views schema, building queries to retrieve Configuration Manager data from multiple SQL views, using SQL server 2008 Reporting Services to create the custom reports, and running the reports in Configuration Manager 2007 R2.</p> <p>The Configuration Manager site database contains a large collection of information about the network, computers, users, user groups, and many other components of the computing environment. The database also contains objects that represent Configuration Manager items such as advertisements, software update deployments, configuration baselines, reports, and status messages. The Configuration Manager reporting SQL views schema is complicated and can be very difficult to understand. To effectively create report queries Administrators must</p>	

have some understanding of the SQL views schema, how to create report queries, and how to create a custom report.

<b>LA21</b>	<b>Configuration Manager: Migrating from Mixed-mode to Native Mode</b>
300	
HOL Area C	
<p>Many of today's Configuration Manager customers have either deployed their environments as an SMS 2003 upgrade, or are running in Mixed Security mode. In order to take advantage of several features of ConfigMgr 2007, native mode security is required (NAP, IBCM etc). In this lab you will learn how to migrate your environment from mixed mode to native mode.</p>	

<b>LA22</b>	<b>Implementing Desired Configuration Management in Configuration Manager 2007</b>
300	
HOL Area C	
<p>After completing this lab, you will be able to: Create a configuration item for compliance, Import pre-created configuration items, Create baselines for assignment, Assign baselines to collections and Verify compliance for the assigned baselines.</p>	

<b>LA25</b>	<b>Technical Introduction to System Center Essentials 2010</b>
200	
HOL Area C	
<p>Be among the first to try System Center Essentials (SCE) 2010, just weeks before the RTM. In this Hands-on Lab we will configure client and server monitoring, software updates and deployment.</p>	

## Operations Management Track

<b>LB01</b>	<b>Installing Microsoft System Center Operations Manager 2007 R2</b>
300	
HOL Area D	
<p>In this lab you will learn how to deploy Operations Manager 2007 R2, the latest release of Microsoft's end-to-end management solution. After completing this lab you will be able to install Operations Manager server infrastructure components, (i.e., the Operations Manager database, Management Server, Gateway Server, and the Console), discover computers and install agents in an untrusted domain, import Management Packs, and begin monitoring your infrastructure.</p>	

<b>LB02</b>	<b>Authoring Management Packs: An Introduction</b>
300	
HOL Area D	
<p>The main way in which Operations Manager (OpsMgr) 2007 can be extended to monitor new applications, systems or devices is through a management pack (MP). The MP Authoring Console for OpsMgr 2007 allows very complex management packs to be created offline to use all of the main OpsMgr 2007 feature sets like monitors, tasks, diagnostics, recoveries and diagram views. This lab will help you understand the capabilities of the MP Authoring Console, and will demonstrate how to create a management pack from start to finish including reporting and testing.</p>	

<b>LB03</b>	<b>Authoring Management Packs: Advanced Concepts</b>
300	
HOL Area D	
<p>Expand your Management Pack (MP) authoring capabilities through building MPs for common real world scenarios like populating groups from AD, monitoring during business hours only and more. This lab will teach you how to think about building MPs for your custom components yourself and will build upon the Introduction to MP authoring hands on lab.</p>	

<b>LB04</b>	<b>Monitoring Exchange Server 2007, SQL Server 2008, and Windows Server 2008 with Operations Manager 2007</b>
300	
HOL Area D	
<p>The Management Packs for Windows Server 2008, SQL Server 2008 and Exchange 2007 include a wealth of new functionality which leverage new features of both the managed products and Operations Manager 2007 R2. Through this lab you discover what monitoring capabilities Operations Manager will deliver for these exciting new platforms.</p>	

<b>LB05</b>	<b>Monitoring UNIX/Linux with Microsoft System Center Operations Manager 2007 R2</b>
300	
HOL Area D	
<p>This session will introduce you to the Operations Manager 2007 Cross Platform Extensions. The lab presents monitoring of SUSE Linux based platforms, although other Unix/Linux systems that can be monitored with the beta include:</p>	

- HP-UX® 11iv3 (PA-RISC and IA64)
- Sun Solaris® 10 (SPARC and x86)
- Red Hat® Enterprise Linux® 5
- SUSE® Linux Enterprise Server 10 SP1

Through this lab you will learn how to install and configure the Operations Manager 2007 Cross Platform Extensions Beta, explore the different views and reports, discover the monitoring capabilities, and understand the tasks that are available to manage your non-Microsoft operating systems.

<b>LB06</b>	<b>Operations Manager 2007 R2: Advanced Concepts</b>
300	
HOL Area D	
<p>Operations Manager 2007 R2 offers a powerful new architecture that can be integrated into many complex environments. This lab guides you through some of the more advanced administration and configuration features within Operations Manager, including the "Run As" architecture, distributed application modeling, notifications, tuning the monitoring infrastructure, and command shell capabilities.</p>	

<b>LB07</b>	<b>Understanding the Microsoft System Center Operations Manager 2007 R2 SDK</b>
300	
HOL Area D	
<p>With a completely new architecture, Operations Manager 2007 R2 delivers powerful new functionality to monitor customer environments. In this session we highlight the new architecture of Operations Manager 2007 R2, introduce the Operations Manager 2007 R2 SDK, and discuss how to apply the features and capabilities offered within the SDK to maximum effect.</p>	

<b>LB08</b>	<b>Operations Manager 2007 R2: An Introduction</b>
300	
HOL Area D	
<p>Operations Manager 2007 R2 is the exciting, upcoming release of Operations Manager. In this lab, gain a foundational understanding of the administration and usage of Operations Manager, as well as an appreciation of the new and enhanced capabilities -- including service level tracking, cross platform monitoring, usability enhancements and performance improvements -- that are delivered in the R2 release. This lab also drives into some of the less marketed features, including one-click maintenance mode, Process and Service Monitoring, Enhanced Service Monitoring, the updated Web console, and more!</p>	

<b>LB15</b>	<b>Introduction to Opalis</b>
300	

HOL Area D	
<p>This lab is designed to provide a basic understanding of the Opalis Integration Server product, and provide you sufficient information to be able to create your own automation by developing workflows within the product.</p>	

<b>LB20</b>	<b>Service Manager 2010 Data Warehouse and Reporting</b>
300	
HOL Area D	
<p>This lab will introduce you to the Service Manager 2010 data warehouse and reporting infrastructure. You'll have a chance to try out some of the out of box reports and learn how to administer the DW using the console and PowerShell. Then we'll dive deep into how to extend the data warehouse to store new kinds of data, create reports.</p>	

<b>LB21</b>	<b>Automating IT Processes on Service Manager 2010</b>
300	
HOL Area D	
<p>In this lab you will build a solution from the ground up to automate an IT process customers deal with all the time - provisioning a new user. In this lab you will learn about extending the model, creating custom forms using XAML, creating workflows using the authoring console and PowerShell, and creating templates. This solution is built without writing a single line of code!</p>	

<b>LB22</b>	<b>Incident and Change Management in Service Manager 2010</b>
300	
HOL Area D	
<p>This lab will introduce the processes to create and handle incidents within the latest Beta of Service Manager 2010. It will then cover the lifecycle of a change, covering all aspects of Change Management in this, the latest version of the Service Manager Beta product.</p>	

<b>LB23</b>	<b>Service Manager Integration with System Center</b>
300	
HOL Area D	
<p>This lab will show you how Service Manager brings the System Center suite together. See how connectors between Operations Manager, Configuration Manager and Service Manager light up end-to-end scenarios across the suite such as self-service software provisioning, alert to incident, compliance management and more.</p>	



<b>LB24</b>	<b>Implementing Service Manager 2010</b>
300	
HOL Area D	
<p>In this lab you will learn how to setup all of the components of Service Manager 2010, connecting to Configuration Manager, Operations Manager, Active Directory and Exchange/SMTP. Then you'll learn how to configure notification templates, subscriptions, user roles, and incident/change workflows. Finally, you will have a fully functional and configured installation of Service Manager.</p>	

<b>LB30</b>	<b>Technical Introduction to System Center Data Protection Manager (DPM) 2010</b>
200	
HOL Area D	
<p>Be among the first to try Data Protection Manager (DPM) 2010 just weeks before the RTM. In this Hands-on Lab we will try out the new protection and recovery features in DPM 2010, including protection of Exchange 2010, SharePoint 2010 and SQL Server 2008.</p>	

<b>LB31</b>	<b>How to protect SQL Server with Data Protection Manager (DPM) 2010</b>
200	
HOL Area D	
<p>Be among the first to try Data Protection Manager (DPM) 2010 with SQL Server databases, just weeks before DPM RTM's. In this HOL, we will try out the new protection and recovery features in DPM 2010, including whole instance protection and the new SQL database self-service restore.</p>	

<b>LB32</b>	<b>How to protect SharePoint 2010 with Data Protection Manager (DPM) 2010</b>
200	
HOL Area D	
<p>Be among the first to try DPM 2010 with SharePoint 2010, just weeks before DPM RTM's. In this HOL, we will try out the new protection and recovery features in DPM 2010, including auto-protection of the whole farm and recovering individual documents without a Recovery Farm.</p>	

<b>LB33</b>	<b>How to protect Exchange Server with Data Protection Manager (DPM) 2010</b>
200	
HOL Area D	
<p>Be among the first to try Data Protection Manager (DPM) 2010 with</p>	

Exchange 2007 and 2010, just before it releases to market. In this HOL, we will try out the new protection and recovery features in DPM 2010, including protection for Exchange 2007 CCR and Exchange 2010 DAG.

## Client Management Technologies Track

<b>LC01</b>	<b>Diagnostics and Recovery Toolset</b>
300	
HOL Area A	
<p>How to revive a dead PC using the Diagnostics and Recovery Toolset? In this lab, we crash a computer and then show you how to use the tools in DaRT to recover that PC from its state, back into a working PC. Familiarize yourself with DaRT and its possibilities.</p>	

<b>LC02</b>	<b>Microsoft System Center Desktop Error Monitoring</b>
300	
HOL Area A	
<p>In this lab, learn how the technology works and see demos of the key scenarios that IT professionals are most interested in.</p>	

<b>LC03</b>	<b>Application Virtualization: Publishing Lab</b>
300	
HOL Area A	
<p>In this session, we look behind the scenes at package generation with Microsoft Application Virtualization Sequencer, and how package data is organized, managed, and accessed on the Microsoft Application Virtualization Client. We also go over publishing through a Web server, one of the new 4.5 features.</p>	

<b>LC04</b>	<b>Application Virtualization: Sequencing Lab</b>
300	
HOL Area A	
<p>This lab covers sequencing where you're able to sequence applications end to end for yourself and learn how to configure them before deployment. The goal of this lab is to become familiar with Microsoft Application Virtualization (formerly known as SoftGrid) application sequencing.</p>	

<b>LC05</b>	<b>Application Virtualization: Troubleshooting Lab</b>
300	
HOL Area A	
<p>This lab explores the techniques for troubleshooting the end-to-end</p>	

Microsoft Application Virtualization system (formerly known as SoftGrid). The goal of this lab is to prepare you for using SoftGrid in your own environment by helping you prepare for some of the challenges you may encounter.

<b>LC06</b>	<b>Microsoft Enterprise Desktop Virtualization (MED-V)</b>
300	
HOL Area A	
<p>This lab is intended for desktop administrators responsible for creating and distributing MED-V Virtual Desktops. Use the MED-V Administration Console to import a corporation's standard image into the MEDV infrastructure. Then create policies designed to control and manage the use and user experience of this virtual desktop. Perform basic testing of the user experience and application functionality within the MEDV environment. At the completion of this lab, you'll have experienced the creation and configuration of a MED-V Workspace and will have an expanded understanding of the features and capabilities available in the MED-V product.</p>	

<b>LC07</b>	<b>Advanced Group Policy Management</b>
300	
HOL Area A	
<p>This lab lets you get hands-on in the Group Policy Management Console (GPMC) with the Change node control, helping you to get back in control of how Group Policy objects (GPO) are created, using the workflow capabilities of Advanced Group Policy Management (AGPM) and rolling back a wrongly deployed GPO. The goal is to prepare you to roll out AGPM in your own environment, or to allow you to evaluate the tool.</p>	

<b>LC10</b>	<b>Introduction to Deploying Windows 7 Using the Windows Automated Installation Kit</b>
300	
HOL Area A	
<p>The Windows Automated Installation Kit allows you to customize different aspects of the Windows 7 installation process as well as configure the final deployment. Designing the different stages of a typical installation lifecycle ensures that all customizations are correctly implemented. In this lab you will:</p> <ul style="list-style-type: none"> <li>Add drivers and applications to the distribution share</li> <li>Create and customize an answer file</li> <li>Add language packs and drivers to the answer file</li> <li>Validate the answer file</li> </ul>	

<b>LC11</b>	<b>Windows 7: Application Compatibility Toolkit 5.5</b>
300	
HOL Area A	
<p>In this lab, use the Application Compatibility Toolkit 5.5 (ACT 5.5) to inventory the applications which are currently installed throughout an enterprise. Then determine which applications will not work within Windows 7 and create the solutions necessary to get these applications to run.</p>	

<b>LC12</b>	<b>Windows 7: Automating File and Setting Migration with the User State Migration Tool 4.0</b>
300	
HOL Area A	
<p>In this lab, your organization is currently in the development phase of the migration project to take the current desktop environment from Windows XP to Windows Vista or Windows 7. Your role in the project is to develop the user state migration process. Investigate the use of the Windows Easy Transfer Wizard and the User State Migration Tool v4, using its corresponding XML configuration files, maintenance and downtime, as well as improvements in performance from a reduced operational footprint.</p>	

<b>LC13</b>	<b>Windows 7: Mitigating Application Issues Using Shims</b>
300	
HOL Area A	
<p>When planning a migration to newer Windows client operating systems, application compatibility is an important consideration. While a significant percentage of applications just work, still others require additional remediation. The Windows Application Compatibility Infrastructure (shim engine) provides one option for resolving compatibility challenges with Windows. By applying Application Fixes (shims) to a specific application, you can modify the behavior of Windows, but only for that application. Shims, as the name suggests, work by injecting new code between the running application and Windows itself. This is important when you consider the security of the system: because we execute the code inside of a shim before your application calls into Windows, the code inside of a shim is not able to do anything that your application could not do, were you to modify the source code. Consequently, you will be able to apply fixes to existing applications, without modifying the source code, but still have the same safety and security that Windows Vista and Windows 7 provides. The most challenging aspect of working with shims is simply learning which shims are available, and how to configure them. In this lab, we walk through a demo application that contains a number of issues that break compatibility with Windows Vista and Windows 7, and then use the</p>	

Windows Application Compatibility Infrastructure (shim engine) to resolve these issues--all without touching the source code at all!

<b>LC14</b>	<b>Windows 7: Using Microsoft Deployment Toolkit 2010 to Create Standard Images to Handoff to OEMs</b>
300	
HOL Area B	
<p>OEM Pre-Installation provides flexibility over standard "thick" OEM pre-built images and simplifies initial setup by creating a local partition-based deployment share pre-configured by the OEM in the production process. When the user receives a new PC, the process to select role-specific applications, determine language, keyboard and locale preferences, join the domain and create the user account can be automated and completed within five minutes of powering up the PC for the first time. The PC then configures itself using Microsoft Deployment Toolkit (MDT) automation to user specifications without further user interaction, allowing the user to remain productive. This lab walks through the entire process of configuring an image build for handoff to the OEM manufacturer and displays the resulting user experience. We also highlight the new features of MDT 2010 in addition to OEM Pre-Installation.</p>	

### Virtualization Track

<b>LD01</b>	<b>Introduction to Virtual Machine Manager 2008 R2</b>
300	
HOL Area E	
<p>This lab is intended for IT Professionals who want to manage Virtual Server 2005, Windows Server 2008 R2 with Hyper-V, and VMWare using System Center Virtual Machine Manager (VMM) 2008 R2. In this lab, you will begin by configuring a default installation of VMM 2008 R2, and then you will add host computers and virtual machines. You will then manage the virtual machines by making configuration changes, and by moving virtual machines between host systems and clusters. You will also work with highly-available virtual machines and perform the steps for live migration. Finally, you will explore using Windows PowerShell to automate common configuration tasks.</p>	

<b>LD02</b>	<b>Virtual Machine Manager 2008 R2 Advanced Topics</b>
300	
HOL Area E	
<p>In this lab, you will explore some of the advanced features of System Center Virtual Machine Manager 2008 R2. You will begin this lab by implementing Physical Resource Optimization and System Center Operations Manager 2007 R2 integration. You will then work with the</p>	

Virtual Machine library by defining and working with template virtual machines. Finally, you will use the Self-Service Portal to create and deploy virtual machines.

<b>LD05</b>	<b>Introduction to Hyper-V Server 2008 R2</b>
300	
HOL Area E	
<p>In this lab you will configure and manage a new Windows Server 2008 Hyper-V installation. You will begin by reviewing the default installation, and making changes to the default settings. You will next create objects such as virtual machines, virtual networks, and virtual hard disks. Finally, you will work with running virtual machines, and use snapshots to manage changes to those virtual machines.</p>	

<b>LD06</b>	<b>Configuring and Managing Hyper-V Server 2008 R2</b>
300	
HOL Area E	
<p>In this lab you will learn the steps required to configure virtualization using Hyper-V Server R2. You will begin by performing initial configuration of Hyper-V Server R2, including enabling remote management. You will then implement management using SCVMM, and finally configure high availability and live migration.</p>	

<b>LD07</b>	<b>Implementing High Availability and Live Migration with Hyper-V Server 2008 R2</b>
300	
HOL Area E	
<p>In this lab, you will use Windows Server 2008 R2 and Hyper-V Server R2 to implement highly available virtual machines. You will begin by creating a new failover cluster using iSCSI shared storage. You will then add virtual machines to the failover cluster on a new cluster shared volume. Finally, you will deploy the System Center Virtual Machine Manager (VMM) agents and use VMM to manage the failover cluster.</p>	

<b>LD08</b>	<b>Configuring Citrix XenDesktop with Microsoft System Center Virtual Machine Manager and Hyper-V</b>
300	
HOL Area E	
<p>This lab is intended for IT Professionals who would like to deliver virtual desktop computers using Hyper-V, System Center Virtual Machine Manager and Citrix XenDesktop. You will work through the steps to simulate deploying multiple virtual desktops. You will first capture a reference image using the Citrix Provisioning Server for Desktops. Next, you will verify that you can boot the computer from a diskless client</p>	

computer. You will then create multiple virtual machines using the reference computer as a template. Finally, you will use the Citrix Desktop Delivery Controller and System Center Virtual Machine Manager to create a group of virtual desktops and deploy them to end devices. At the end of this lab, you will have worked through all the steps required to implement Citrix XenDesktop using System Center Virtual Machine Manager and Hyper-V.

## Solution Accelerators Track

### LE01 Getting Started with Microsoft Deployment Toolkit 2010

300

HOL Area B

Microsoft® Deployment was created to assist in deploying Windows operating systems. Microsoft Deployment also updates Deployment Workbench, a tool administrators use to build and manage multiple operating system configurations, define network deployment points and network shares, inject drivers, attach language packs, and chain applications. Microsoft Deployment even helps generate ISO and Windows Imaging Format (WIM) images using Windows® Pre-installation Environment (Windows PE), and which can be deployed in a networked environment or by using various offline media. Microsoft Deployment also alleviates many of the scripting requirements of earlier versions of Business Desktop Deployment (BDD) by incorporating a stand-alone task sequencer derived from Microsoft System Center Configuration Manager 2007.

### LE02 Advanced Deployment Scenarios Using the Microsoft Deployment Toolkit 2010

400

HOL Area B

The Microsoft Deployment Toolkit offers a configuration database that allows methodological automation of deployment configurations based on a number of criteria. With the configuration database, you can configure the automatic assignment of properties based on the target computer Location, Make and Model, and Computer values as well as assign Roles to those methods that contain further configurations. The Microsoft Deployment Toolkit allows users to create linked deployment points in their organization. Linked deployment points allow Administrators to migrate deployment assets between deployment points through the use of custom selection profiles. The Microsoft Deployment Toolkit Deployment Wizard can be customized to provide functionality beyond the standard deployment process and further customize specialized workspaces.

### LE03 Zero Touch Installation Using the Microsoft Deployment Toolkit 2010 and Configuration Manager

400

HOL Area B

Microsoft® System Center Configuration Manager 2007 and Microsoft Deployment integrate to make zero touch deployments of Windows 7 quicker and easier to configure as well as adding additional functionality to the deployment process. The process of creating and implementing new task sequences for deploying operating systems is greatly enhanced by the Import Microsoft Deployment Task Sequence Wizard.

### LE04 Jumpstart Windows Server 2008 R2 deployment with Microsoft Assessment and Planning Toolkit 5.0

300

HOL Area B

Are you ready for migration to Windows Server 2008 R2? Which of your existing servers are good candidates? Complete this lab to learn how to use the new Microsoft Assessment and Planning (MAP) Toolkit 5.0 to assess servers for Windows Server 2008 R2 readiness. We will also cover infrastructure readiness for server virtualization using Hyper-V, and network inventory of heterogeneous environments.

### LE05 Jumpstart Windows 7 and Office 2010 deployment with Microsoft Assessment and Planning Toolkit 5.0

300

HOL Area B

Are you ready for migration to Windows 7 and Office 2010? Which of your existing PCs are good candidates? Attend this session to learn how to use the new Microsoft Assessment and Planning (MAP) Toolkit 5.0 to assess PCs for Windows 7 and Office 2010 readiness. We will also cover infrastructure readiness for server virtualization using Hyper-V, and network inventory of heterogeneous environments.

## Server Management Technologies Track

### LF01 Windows PowerShell for Absolute Beginners

200

HOL Area B

This hands-on Lab will get you up and running with Windows PowerShell, Microsoft's latest shell environment and scripting language. Topics covered include: file system navigation, help and discovery features, PowerShell scripts, working with WMI, working with the

system registry, and working with Active Directory. Both versions 1.0 and 2.0 of PowerShell are covered. You will leave this lab with a solid grasp of how to use PowerShell to quickly and easily perform common IT management tasks, and have a solid foundation to learn advanced PowerShell topics.

### LF02 Introduction to Windows PowerShell Fundamentals

300

HOL Area B

This hands-on Lab will get you up and running with Windows PowerShell, Microsoft's latest shell environment and scripting language. Topics covered include: file system navigation, help and discovery features, PowerShell scripts, working with WMI, working with the system registry, and working with Active Directory. Both versions 1.0 and 2.0 of PowerShell are covered. You will leave this lab with a solid grasp of how to use PowerShell to quickly and easily perform common IT management tasks, and have a solid foundation to learn advanced PowerShell topics.

### LF03 Advanced Windows PowerShell Scripting

400

HOL Area B

Windows 7 and Windows Server 2008 R2 bring scripting and automation to new levels through a set of production-oriented features included with Windows PowerShell 2.0, such advanced functions, modules and debugging. After completing this lab, you will be able to work with Windows PowerShell and WMI to perform systems management tasks, work with COM objects and manipulateText, XML and CSV files.

### LF05 Migrating DHCP and File Services with Windows Server Migration Tools

300

HOL Area B

This lab will show how the new Windows Server 2008 R2 migration tools can simplify the migration of Windows Server roles. In this lab you will install the server migration tools on both Windows Server 2003 and Windows Server 2008 R2 and use these tools to migrate a functioning DHCP and File Server using the new Powershell based migration tools available in Windows Server 2008 R2.

### LF06 Deploying Windows Server 2008 R2 with MDT 2010

300

HOL Area B

This lab will show you how you can automate the installation of Windows Server 2008 R2 and some of the Windows Server Roles. In the course of this lab, you will configure the Deployment Workbench in MDT 2010 to install Windows Server 2008 R2 and configure a task sequence that will install an Active Directory Domain Controller, DNS, and DHCP. You will also be able to see how you can use DHCP to configure the settings for DHCP and DNS including DHCP scopes and DNS zones.

## Security & Compliance Management Track

### LI01 Identity and Access Management Solution - Business Ready Security with Microsoft Forefront

300

HOL Area A

Identity and access is at the center of the secure and well managed infrastructure, and a robust identity and access infrastructure and management solution is critical to enabling the people in your organization to be successful. This lab covers the IAM solution that exists from Microsoft today and how we look at solving common business scenarios. The solution consists of our Active Directory technologies including Federations Services as well as a strong management platform in Microsoft Forefront Identity Manager (FIM) and access features in Unified Access Gateway (UAG).

### LI02 Secure Messaging Solution - Business Ready Security with Microsoft Forefront

300

HOL Area A

In this lab, learn how email communication and email content is protected by Forefront products. Learn how Unified Access Gateway (UAG) provides secure access and AD Right Management Services (RMS), Forefront Protection for Exchange (FPE) and Exchange 2010 are helping to prevent malware, spam and confidential data from being inappropriately disclosed. Exchange 2010 can automatically apply an AD RMS policy to email based on rules defined by the email administrator, enabling consistent policy without relying on the end users to manually apply the protection.

### LI03 Unified Access Gateway (UAG) and Direct Access: Better Together

300

HOL Area A

Unified Access Gateway (UAG) is the successor to Intelligent Application Gateway (IAG). UAG is Microsoft's next generation SSL-VPN solution to allow access to internal applications and Web sites from trusted and untrusted client computers on the Internet. One of the new features in UAG is the integration with Direct Access (DA) to allow seamless remote

access to servers on the internal network. In this lab, explore how to configure UAG, and how to set up user authentication, end-point validation and application control.

### LI04 Forefront Threat Management Gateway (TMG) Overview

300

HOL Area A

Forefront Threat Management Gateway (TMG) is the successor to Internet Security and Acceleration (ISA) Server 2006, and part of the Forefront Edge products. In this lab, you can learn how to configure Forefront TMG to detect and block viruses when downloading content from the Internet, how to create Web Access Policies within Forefront TMG that provides a secure Web experience to the corporate users, and how to configure intrusion prevention with Network Inspection System (NIS).

### LI05 Secure Collaboration Solution - Business Ready Security with Microsoft Forefront

300

HOL Area A

In this lab, learn how Forefront products can help secure SharePoint, and extend access to traveling employees, partner, and even customers. The labs covers protecting SharePoint servers from malware and inappropriate content with Forefront Protection for SharePoint (FPSP), prevent data from leaking into the wrong hands, securely publish SharePoint servers for access by remote employees and partners, and establish trust and federation between business partners leveraging claims.