

March 26-30, 2007

Orlando, FL

Hilton in the Walt Disney World Resort

# Network and Certification Training for Windows Professionals

Redmond Channel Partner  
magazine presents  
a new conference!

**TECHPARTNER**  
CONFERENCES

A Special Program for  
Microsoft Partners:

Helping You Understand  
the Partner Opportunity  
in Microsoft's New Wave  
of Software

March 28-29, 2007

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- Security
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# Welcome to TechMentor

Microsoft is unleashing a new wave of technologies. Will you be ready?

**M**ake your way to Orlando, March 26-30 for a week of exceptional network training at *Redmond* magazine's TechMentor Conference. You'll join IT professionals for focused training sessions — led by expert instructors — on automating, managing, securing and troubleshooting Microsoft Windows server systems.

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## WHO SHOULD ATTEND

- IS/IT Managers and Directors
- Network and Systems Administrators
- Network and Systems Engineers
- MCPs, MCSAs and MCSEs

### NEW! Microsoft Live: March 27

Spend a day with Microsoft Technology Specialists as they preview technologies in Windows "Longhorn" Server and Exchange Server 2007 that help protect, secure, and manage your network and messaging environments. Learn about Network Access Protection (NAP) and Windows Deployment Services (WDS) in "Longhorn" and automating day-to-day administrative tasks in Exchange with PowerShell.

### NEW! TechPartner Conference: March 28-29

Microsoft partners check out our new co-located, 2-day TechPartner Conference. With Vista, Longhorn, Office 2007 and Exchange 2007, Microsoft partners have a new batch of desktop and server tools to look forward to. Play your cards right, and these products can mean untold riches, new markets and lots of fun. Attend this event and find out how!

### Keynote Presentation

Mark Minasi, *Best-Selling Author, Popular Technology Columnist, Commentator and Keynote Speaker*  
Living the Longhorn Life: What's Up With Server 2007 (or Maybe, 2008)

### Exhibit Hall

Come by the Exhibit Hall where leading vendors of hardware, software and services for Windows networking professionals will demonstrate their latest solutions.

#### Wednesday, March 28

11:45 a.m. - 2:30 p.m. . . . . Exhibit Hall Open  
5:30 - 7:30 p.m. . . . . Welcome Reception  
6:00 - 7:30 p.m. . . . . Vendor Presentations  
6:30 - 7:30 p.m. . . . . Meet the Editors

#### Thursday, March 29

11:45 a.m. - 2:00 p.m. . . . . Exhibit Hall Open  
12:45 - 1:45 p.m. . . . . Consulting Hour

## WHO SHOULD ATTEND

- Executive Managers
- System Integrators/VARs
  - Consultants
  - Service Providers

## Agenda-at-a-Glance: TechPartner

### WEDNESDAY, March 28

- 7:30 – 8:30 a.m. . . . .Networking and Coffee with Pastries
- 8:30 – 10:00 a.m. . . . .Keynote
- 10:15 – 11:45 a.m. . . . .Courses
- 11:45 a.m.–2:30 p.m. . .Lunch and Exhibit Hall
- 2:30 – 4:00 p.m. . . . .Courses
- 4:15 – 5:30 p.m. . . . .Keynote with Mark Minasi
- 5:30 – 7:30 p.m. . . . .Welcome Reception and Exhibit Hall

### THURSDAY, March 29

- 7:30 – 8:30 a.m. . . . .Networking and Coffee with Pastries
- 8:30 – 11:45 a.m. . . . .Courses
- 11:45 a.m. – 2 p.m. . . .Lunch and Exhibit Hall
- 2:15 – 5:30 p.m. . . . .Courses

## TechPartner Program

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### Understanding the Partner Opportunity in Microsoft's New Wave of Software

A new wave of Microsoft software is hitting the market, bringing with it new business opportunities for Microsoft partners. The company's \$20 billion investment over the last few years is resulting in new versions of Windows Vista, Microsoft Office, Exchange Server, SharePoint Server and security products this year, with more products, such as Windows "Longhorn" Server, on the way, as well.

How to respond? That's where the new TechPartner conference comes in. Brought to you by the organizers of the long-standing TechMentor conference series and the editors of the Microsoft partner-focused *Redmond Channel Partner* magazine, TechPartner is the conference to attend to get an understanding of the new areas of revenue that these new Microsoft products open for fast-moving partner companies.

You'll get a technology overview deep enough to make the new business opportunities clear. What's more, you'll come away with tips for sales and marketing of the new products, an understanding of the differentiation between Microsoft products and major competitors, and grounding in the most important licensing changes. You'll also get important updates on Microsoft's partner-facing programs and organization.

### Bring Your Team to TechMentor

You can bring your IT department with you because the TechPartner conference is co-located with the TechMentor conference. While you get up-to-speed on the new technologies from a sales perspective, your IT department can attend in-depth technical training courses that run the entire week. You and your fellow employees can catch up during lunch and dinner to compare notes. What's more, you can participate in all the exhibit hall activities together.

# TechPartner Course Descriptions

## Wednesday, March 28

### **P1 WINDOWS VISTA OPPORTUNITIES**

**10:15 - 11:45 a.m. J. Peter Bruzzese**

Microsoft's first major client operating system release in five years offers partners a number of new business opportunities. This session will delve into technical details of Windows Vista at just enough depth to illuminate new opportunities in the security enhancements, the user interface overhaul, the application development model changes and more. Partners will also get direction on ways to turn upgrade cycle concerns and deployment needs into new revenue. Other aspects of this session include advice on licensing changes and suggestions for marketing the operating system against its toughest competitor — Windows XP.

### **P2 MICROSOFT EXCHANGE 2007 OPPORTUNITIES**

**10:15 - 11:45 a.m. Trinity Consulting TBA**

Featuring ever-tighter hooks into the rest of the Microsoft software stack, Exchange 2007 is a different beast than previous versions of Exchange. This session will explore new opportunities for messaging and collaboration business and unified communication business in the technology. The session will include a lot of discussion and practical analysis of the "better together" opportunities in combining Exchange 2007 with the 2007 Microsoft Office System.

### **P3 MICROSOFT OFFICE SYSTEM OPPORTUNITIES, PART 1**

**2:30 - 4:00 p.m. J. Peter Bruzzese**

The 2007 release of the Microsoft Office System is more than a batch of updated desktop productivity tools. While Office is traditionally a desktop product, for the 2007 Microsoft Office System, it is essential to understand the close interoperability between the Office applications and a new class of servers and server-side services. Leveraging the combination of desktop Office enhancements and associated server products, Microsoft has identified new business opportunities for partners in portals, enterprise content management, collaboration and enterprise project management. These two sessions will explore the opportunities in those areas. (1 of 2)

### **P4 MICROSOFT OFFICE SHAREPOINT 2007 OPPORTUNITIES**

**2:30 - 4:00 p.m. TBA**

One of the biggest new products of the current wave is Microsoft Office SharePoint Server 2007. The new SharePoint is a likely candidate to be Microsoft's next billion dollar product after the Dynamics line. This version represents a big shift from previous editions of SharePoint. In addition to the existing portal server capabilities, the new version integrates much more tightly with Microsoft Office and inherits enterprise content management capabilities. This session covers the new business opportunities, sales and marketing tips and new licensing complexities of Office SharePoint Server.

## Thursday, March 29

### **P5 MICROSOFT OFFICE SYSTEM OPPORTUNITIES, PART 2**

**8:30 - 10:00 a.m. J. Peter Bruzzese**

The 2007 release of the Microsoft Office System is more than a batch of updated desktop productivity tools. While Office is traditionally a desktop product, for the 2007 Microsoft Office System, it is essential to understand the close interoperability between the Office applications and a new class of servers and server-side services. Leveraging the combination of desktop Office enhancements and associated server products, Microsoft has identified new business opportunities for partners in portals, enterprise content management, collaboration and enterprise project management. These two sessions will explore the opportunities in those areas. (2 of 2)

### **P6 THE NEXT SOFTWARE WAVE: EQUIPPING YOURSELF TO OUTSELL THE COMPETITION**

**8:30-10:00 a.m. Geoff Owen**

In today's marketplace, you must first assess the competition, then learn ways to create and define value that differentiates your organization from the rest of the pack. This session will offer solid advice on analyzing market needs and understanding your clients' business drivers. We'll share ways for helping your team rise to the challenge and show how to develop sales management processes and metrics that will set new high-water marks. We'll also talk about developing effective recruiting, retention and training programs. You'll leave with the tips and tools you need to immediately ride the wave.

### **P7 MICROSOFT SMALL BUSINESS SERVER OPPORTUNITIES**

**10:15-11:45 a.m. Vlad Mazek**

Over the last year, Microsoft and many other big IT vendors have looked to SMB customers for revenue growth. Microsoft has had a leg up on some competitors with its traditional market strength in smaller shops, its longstanding Windows Small Business Server product and some new partner initiatives to encourage small business specialization. This session explains the technologies behind existing and future versions of Small Business Server and explores successful sales, marketing, licensing and competitive strategies for reaching elusive small business customers.

### **P8 USING MARKETING TO CATCH AND RIDE THE GROWTH WAVE**

**10:15-11:45 a.m. M.H. Mac McIntosh**

Looking for ways to ensure that your company catches the wave of opportunities resulting from Microsoft's newest software? By using proven marketing strategies and tactics to generate more qualified, sales-ready opportunities, you can make your salespeople up to 40 percent more efficient at closing business and significantly reduce your cost per sale. This session, taught by a leading software-marketing consultant who's worked with Microsoft partners of all sizes, will show you how.

## **P9/P10** AN INDEPENDENT LOOK AT THE STATE OF THE MICROSOFT PARTNER PROGRAM

2:15 - 3:45 p.m. **Paul DeGroot**

Analyst Paul DeGroot of Directions on Microsoft, an independent analyst firm in Kirkland, Wash., gives an assessment of the Microsoft Partner Program — what's working, what's not, what's changing, what's stable, and where the pain points are for partners. DeGroot, the back-page columnist for *Redmond Channel Partner* magazine, also points the way to new opportunities and challenges Microsoft partners need to know about.

## **P11** LICENSING IN THE NEXT WAVE

4:00 - 5:30 p.m. **Peter Ells**

With Microsoft Licensing in the next wave of products, much is changing. Some of the change is a reflection of structural changes in the program already underway. Some is a result of new servers with new Client Access Licenses for new capabilities. Some is the result of an increasing number of products that are available only to

volume licensing customers. Licensing experts from Microsoft Large Account Reseller Software ONE make sense of the new tangle of licensing requirements, giving you a mental model and pointing you to tools to help you make the most of the licensing changes.

## **P12** VIRTUALIZATION IN THE NEXT WAVE

4:00 - 5:30 p.m. **Greg Shields**

Virtualization runs through Microsoft's next wave of products like a thread. Beyond the current Microsoft Virtual Server product, Microsoft plans to embed virtualization into the code of Windows Longhorn Server. In this session, learn about how virtualization offers partners new business opportunities to bring customers quick returns on investment now. You'll also get the longer view on virtualization's potential to realign the way companies license software and provision servers. Additionally, attendees at this session will come away with an understanding of the competitive set of virtualization technologies on the market and their opportunities with each.

## TechPartner Instructors

### **Paul DeGroot**

Paul DeGroot is an analyst with Directions on Microsoft, an independent research firm focused exclusively on Microsoft strategies and technology.

### **J. Peter Bruzzese**

Over the past 10 years Mr. Bruzzese has worked for everyone from Goldman Sachs to Microsoft. He specializes in corporate training and has had the privilege of working with some of the top names in the business of Computer Education. During the 90's, Peter focused specifically on Certification Training (holding at the time certifications from Microsoft as an MCSE for 4.0 and an MCT, as well as A+, Network+, iNet+ from Comptia, and CNA from Novell and CCNA from Cisco). With the introduction of Windows 2000, he became one of the foremost speakers on the subject of Active Directory and Exchange. He wrote several articles for a variety of magazines and has co-authored upwards of 10 different titles ranging from Directory Services to Enterprise Storage Solutions. He has spoken on the Techmentor Conference circuit, as well. Currently an MCSE for 2003, he is working on Office 2007 titles that will soon be on the bookshelves and just completed the book *Tricks of the Vista Masters*.

### **M.H. "Mac" McIntosh**

M.H. "Mac" McIntosh has been providing marketing and sales consulting services for Microsoft and many of its partners for more than seven years. More than 1,000 Microsoft Partners across the United States and Canada have attended his Marketing Boot Camps and Marketing for Leads (tm) live and Web seminars. You can contact Mac via [www.sales-lead-experts.com](http://www.sales-lead-experts.com).

### **Greg Shields**

Greg Shields, MCSE: Security, CCEA, is a senior consultant with 3t Systems in Denver, Colorado, [www.3tsystems.com](http://www.3tsystems.com). A contributing editor and columnist with *Redmond* magazine, Greg has developed extensive experience with architecting and administering enterprise systems using Microsoft, Citrix, and VMware technologies. Greg is also a trainer for CBT Nuggets, [www.cbtnuggets.com](http://www.cbtnuggets.com), producing IT training for Citrix, SMS, and VBScript scripting. Greg is a dynamic speaker and experienced technical trainer.

### **Peter Ells**

Peter Ells is Microsoft business development manager for Software ONE and director of Software ONE's VARassist business.

### **Geoff Owen**

Geoff Owen, Acumen Associate Managing Partner, has 25+ years of international general and sales management and marketing experience gained as VP Sales, General Manager, President and CEO in large, small, early stage, established, high growth and turnaround companies.

Geoff works as an interim leader, mentor, advisor or consultant in diverse organizations, providing knowledge and experience in managing, planning, recruiting, sales management, pipeline development and negotiation. He assists companies in leadership transition, ownership transition and M&A

He speaks at company, investor and industry events on investment, management, sales, revenue predictability and building business value.



Many of the TechPartner instructors are also contributing writers for *Redmond Channel Partner* magazine.

# Program-at-a-Glance

Monday, March 26			
PRE-CONFERENCE CRASH COURSES			
8:00 – 11:30 a.m.	CC1 VMware Virtual Infrastructure Crash Course Greg Shields	CC2 Vista Security Crash Course Mark Minasi	CC3 VBScript Crash Course Don Jones
	SYSTEM AND NETWORK TROUBLESHOOTING	SECURITY	SCRIPTING AND AUTOMATION
12:30 – 2:00 p.m.	M1 The Windows Troubleshooter's Guide to DNS Greg Shields	M2 Introduction to USB Stick & Anonymous Computing Todd Lammle	M3 Scripting Windows Management: WMI Fundamentals Don Jones
2:15 – 3:45 p.m.	M7 I Hate Patch Tuesday: Real-World Lessons in Patch Management Greg Shields	M8 Network Analysis Keith Parsons	M9 Scripting the Directory: ADSI Fundamentals Jeffery Hicks
4:00 – 5:30 p.m.	M13 Group Policy Toolkit Secrets Jeremy Moskowitz	M14 Penetration Testing Keith Parsons	M15 Simplifying Windows Server and Desktop Administration with Mr. Roboto Jeffery Hicks
Tuesday, March 27			
8:30 – 10:00 a.m.	T1 VISTA DAY!— Vista Management & Group Policy Jeremy Moskowitz	T2 Computer Forensics Keith Parsons	T3 Automating with Batch Files, Part 1 Jeffery Hicks
10:15 – 11:45 a.m.	T7 VISTA DAY!— Vista Installation & Rapid Deployment Jeremy Moskowitz	T8 Wireless Security, Part 1 Todd Lammle	T9 Automating with Batch Files, Part 2 Jeffery Hicks
1:00 – 2:30 p.m.	T13 VISTA DAY!— Vista Security and BitLocker Technology Mark Minasi	T14 Wireless Security, Part 2 Keith Parsons	T15 Scripting WMI and ADSI in VBScript Don Jones
2:45 – 4:15 p.m.	T19 VISTA DAY!— Ask the Troubleshooting Experts SNT Track Speakers	T20 Using Metasploit— Advanced Penetration Testing Keith Parsons	T21 Top Tips of the Scripting Pros Don Jones
Wednesday, March 28			
8:30 – 10:00 a.m.	W1 Windows Authentications Revealed Mark Minasi	W2 Securing Messages with Exchange Server 2007 Beth Quinlan	W3 Database Scripting in VBScript and Windows PowerShell Don Jones
10:15 – 11:45 a.m.	W7 Defeating SpyWare in an IE7 World Greg Shields	W8 How to Get Started With a Public Key Infrastructure Joern Wettern	W9 Graphical VBScript: Creating HTAs Don Jones
2:30 – 4:00 p.m.	W13 AD Disasters & How to Prevent Them Greg Shields	W14 Attacker Trends and Techniques: An Update Steve Riley	W15 VBScript Debugging: Tips, Tricks, and Techniques Jeffery Hicks
Thursday, March 29			
8:30 – 10:00 a.m.	TH1 The Essentials of Hardening Server 2003 SP1 & SP2 Mark Minasi	TH2 Protecting Your Network: Configuring Server and Domain Isolation Ronald Beekelaar	Th3 Windows PowerShell, Part 1 Don Jones
10:15 – 11:45 a.m.	TH7 Top Tricks for Monitoring & Analyzing System Performance Greg Shields	TH8 Using ISA Server 2006 for VPN Connectivity Beth Quinlan	Th9 Windows PowerShell, Part 2 Don Jones
2:15 – 3:45 p.m.	TH13 The Best Free Tools for Windows Server Troubleshooting Greg Shields	TH14 How to Implement a Patch Management Strategy Joern Wettern	Th15 Windows PowerShell, Part 3 Jeffery Hicks
4:00 – 5:30 p.m.	TH19 Everything you Don't Know (but should) about Microsoft's FRS Rhonda Layfield	TH20 Networking Without Wires or Worries: Wireless LAN Security Steve Riley	Th21 Windows PowerShell, Part 4 Jeffery Hicks
Friday, March 30			
8:30 – 10:00 a.m.	F1 Windows Crash Dumps Made Simple Bruce Mackenzie-Low	F2 Using Forefront Client Security Ronald Beekelaar	F3 Administrative Scripting Hands-on Workshop Jeffery Hicks
10:15 – 11:45 p.m.	F7 Top Problems & Solutions with Windows Terminal Services Greg Shields	F8 Protecting Privacy on the Microsoft Platform: "Paper" Security vs. Real Security Steve Riley	F9 Administrative Scripting Hands-on Workshop (continued) Jeffery Hicks
POST-CONFERENCE CRASH COURSES			
1:00 – 4:30 p.m.	CC5 Citrix CCA Crash Course Greg Shields	CC6 Windows PowerShell Crash Course Don Jones	CC7 Windows Vista and XP Desktop Security and Management Derek Melber

<b>CC4</b> Troubleshooting Group Policy Crash Course: Vista to the Rescue! Derek Melber			
<b>EXCHANGE/ SQL SERVER</b>	<b>MCSA</b>	<b>MCSE</b>	<b>MICROSOFT LIVE!</b>
<b>M4</b> Exchange Server 2007 Overview Bharat Suneja	<b>M5</b> MCSA: Attended and Unattended Installs and Upgrades Bruce Rougeau	<b>M6</b> MCSE: Managing Desktop and Server Devices Rhonda Layfield	
<b>M10</b> Messaging Hygiene in Exchange: Exchange 2007, Exchange 2003 and SP2 Bharat Suneja	<b>M11</b> MCSA: Data Access, File Systems and Printing Bruce Rougeau	<b>M12</b> MCSE: Managing Files, Folders, Printers, Registry, and Active Directory Objects Derek Melber	
<b>M16</b> Designing Exchange for Performance Sekou Page	<b>M17</b> MCSA: Windows 2003 System Configuration and Backup Strategies Bruce Rougeau	<b>M18</b> MCSE: Leveraging RAS, Terminal Services, and Remote Desktop Rhonda Layfield	
<b>T4</b> SMTP Virtual Servers and SMTP Connectors: How to configure SMTP in Exchange Server 2003 Bharat Suneja	<b>T5</b> MCSA: Active Directory, Part 1 Bruce Rougeau	<b>T6</b> MCSE: Managing DNS in an Active Directory Environment Rhonda Layfield	Windows "Longhorn" Server: Windows Deployment Services Technical Drilldown
<b>T10</b> Clustering Exchange with Exchange Server 2007 & 2003 Bharat Suneja	<b>T11</b> MCSA: Active Directory, Part 2 Bruce Rougeau	<b>T12</b> MCSE: Controlling Users and Groups for Active Directory Derek Melber	Windows "Longhorn" Server: Securing Network Access with NAP
<b>T16</b> Troubleshooting DNS for Exchange Sekou Page	<b>T17</b> MCSA: Disk Management Bruce Rougeau	<b>T18</b> MCSE: Managing and Configuring Network Protocols Chris McCain	Exchange 2007: Automating Administrative Tasks with PowerShell
<b>T22</b> Disaster Recovery Planning for Exchange Sekou Page	<b>T23</b> MCSA: Terminal Services and Remote Troubleshooting Bruce Rougeau	<b>T24</b> MCSE: Understanding Network Security for Active Directory Chris McCain	Exchange 2007: Message Security, Compliance and Message Protection
<b>W4</b> Advanced SMTP Troubleshooting for Exchange Sekou Page	<b>W5</b> MCSA: Vista Administration Bruce Rougeau	<b>W6</b> MCSE: IIS and Web Security Chris McCain	
<b>W10</b> Architecting a Highly Secure Messaging Environment Sekou Page	<b>W11</b> MCSA: TCP/IP Configuration and DHCP Issues Bruce Rougeau	<b>W12</b> MCSE: Understanding Active Directory Components and Structure Derek Melber	
<b>W16</b> Migrating to Exchange 2007 Sekou Page	<b>W17</b> MCSA: DNS Configuration and Troubleshooting Bruce Rougeau	<b>W18</b> MCSE: Designing Active Directory Derek Melber	
<b>Th4</b> SQL Server Basics for Non-DBAs Anil Desai	<b>TH5</b> MCSA: Configuring and Routing Remote Access Bruce Rougeau	<b>TH6</b> MCSE: Managing and Monitoring Windows and Active Directory Performance Rhonda Layfield	
<b>Th10</b> SQL Server Reporting Services Eric Johnson	<b>TH11</b> MCSA: Troubleshooting RAS Policies and Capturing Passwords with Network Monitor Bruce Rougeau	<b>TH12</b> MCSE: Understanding Group Policy Settings, Processing Derek Melber	
<b>Th16</b> SQL Server Performance Monitoring & Optimization Anil Desai	<b>TH17</b> MCSA: Role-Based Security and Security Templates Bruce Rougeau	<b>TH18</b> MCSE: Group Policy Management and Architecture Chris McCain	
<b>Th22</b> SQL Server Integration Services Eric Johnson	<b>TH23</b> MCSA: Web Services and Service Pack and Hotfix Assessment and Deployment Bruce Rougeau	<b>TH24</b> MCSE: Active Directory and Server Disaster Recovery and Backups Derek Melber	
<b>F4</b> SQL Server Replication Eric Johnson	<b>F5</b> MCSA: IPSec Security Principles Bruce Rougeau	<b>F6</b> MCSE: Securing Windows with PKI and Certificates Chris McCain	
<b>F10</b> SQL Server Data Protection & High-Availability Anil Desai	<b>F11</b> MCSA: Certificate Strategy and Planning Bruce Rougeau	<b>F12</b> MCSE Overview and Review Derek Melber	

# TechMentor Instructors

**Ronald Beekelaar** is an independent consultant and trainer with Beekelaar Consultancy. He specializes in Windows Server security, network infrastructure design, and virtual machine technology. Ronald often presents at industry events world-wide on topics such as IPsec, Forefront, ISA Server and Virtual Server. Besides his work at events, he also creates virtual machine-based demos and hands-on-lab for several Microsoft security products, including ISA Server 2006, Antigen lab, ForeFront Client Security and Domain/Server Isolation.

**Anil Desai**, MCSE, MCSD, MCDBA, is an independent consultant based in Austin, TX. He specializes in evaluating, implementing, and managing solutions based on Microsoft technologies. Anil has designed and managed hundreds of SQL Server databases. He has worked extensively with Microsoft's server products and the .NET development platform. Anil is the author of numerous books focusing on the Windows Server Platform, SQL Server, Virtualization, Active Directory, and IT management. He has made dozens of conference presentations and is a contributor to technical magazines.

**Jeffery Hicks**, MCSE, MCSA, MCT, is a Scripting Guru for SAPIEN Technologies. He is the co-author of *Advanced VBScript for Microsoft Windows Administrators* (Microsoft Press 2006), *Windows PowerShell: TFM* (SAPIEN Press 2006) as well as several training videos on administrative scripting. He is currently a columnist for *Redmond* magazine and MCPMag.com. Jeff is a frequent contributor to several online IT community web sites as well as an invited speaker at computer conferences and seminars. He is currently a Contributing Editor for *ScriptingAnswers.com*.

**Eric Johnson**, MCSE, MCDBA, MCSD, is a database administrator currently working for a Fortune 500 company in Colorado Springs, CO. Eric has 10 years of IT experience and has been working with Microsoft SQL Server since version 6.5. Eric has managed and designed databases of all shapes and sizes. He has delivered numerous SQL Server classes and Webcasts. He is also the Vice President of Marketing for the Colorado Springs SQL Server Users Group and the author of the 4-part series, *Tour de SQL*, published in *Redmond* magazine.

**Don Jones** is the owner of *ScriptingAnswers.com*, a contributing editor to *Redmond* magazine, and a columnist on *CertCities.com* and *MCPMag.com*. Don has written more than a dozen information technology books, including *Managing Windows with VBScript and WM* (Addison-Wesley). Don is also an independent technology consultant, with a focus on security and automation in Microsoft-centric environments.

**Todd Lammler**, CCNA, CCNP, CEH, CEFI, FCC, RF Licensed, author and trainer, has been involved in computers and networking for over two decades. He has worked for companies such as Xerox, Toshiba, AAA and IBM to consult on both bounded and unbounded media technologies, as well as unlicensed IEEE specifications. He's been consulting on the new 802.11j (4.9GHz) for Homeland Security, as well as providing prevention techniques for hacking and forensic technologies. Todd has written more than 50 Sybex study guides. Todd is President of GlobalNet Training and CEO of RouterSim, LLC.

**Rhonda Layfield**, MCT, NT/2000/2003 MCSE, MCSE: Security began her network support career in 1982 serving in the US Navy, where she worked for 7 years in communications with a top secret clearance. Since then, she alternates between consulting (including a network support role at Microsoft) and training (specializing in 2003 MCSE boot camps). Some of her

clients include Dow Jones, US Airforce, IBM, Duke Energy, Bank of America, Wachovia and EDS. She is also a co-author of *Mastering Windows Server 2003, Upgrade Edition for SP1 and R2*, and the upcoming *Mastering Windows Server Longhorn* book.

**Bruce Mackenzie-Low**, MCSE/MCSA is a master consultant at HP providing 3rd level worldwide support on Microsoft Windows based products including Clusters and Crash Dump Analysis. With over 18 years of computing experience at Digital, Compaq and HP, Bruce is a well known resource for resolving highly complex problems involving clusters, SAN's, networking and internals. He has taught extensively throughout his career always leaving his audience energized with his enthusiasm for technology.

**Chris McCain**, CEO of the National IT Training and Certification Institute (NITTCI), is a six year veteran of the IT training and consulting field. Chris has worked with a variety of Microsoft feature and products like Active Directory, DNS, DHCP, PKI, and IPsec. His work has helped him develop a specialization in architecting secure Microsoft networks on platforms like Windows Server 2003, Windows XP, and Windows Vista. In addition Chris has experience in training and deploying core server products like MS SQL Server, Sharepoint, and Virtual Server 2005. Chris has co-authored national publications, authored content for Microsoft Learning, and been a portion of the brainshare behind *ITCertMentor.com*.

**Derek Melber**, MCSE, CISM, MVP, is Director of Education for DesktopStandard, a subsidiary of Microsoft. He educates and evangelizes Microsoft technology, focusing on Active Directory, Group Policy, Security, and desktop management. Derek regularly contributes to numerous online and print publications, including *Redmond* magazine and has written over 10 technology books, including "The Group Policy Guide" (MS Press). Derek is also an independent consultant, providing design, auditing, documentation, training, and speaking services for Microsoft-centric technologies.

**Mark Minasi**, MCSE, is author of *Mastering Windows Server 2003*, the latest in a series of books on Microsoft networking that have sold over a million copies. He has been a columnist for several industry magazines. Mark is a frequent conference keynote and breakout speaker and regularly garners those conferences' highest attendee evaluation scores. He recently won *CertCities.com*'s "Favorite Technical Author" reader poll for the third year running.

**Jeremy Moskowitz**, MVP, MCSE, founder of Moskowitz, Inc. ([www.Moskowitz-inc.com](http://www.Moskowitz-inc.com)), is an independent consultant and trainer for Windows technologies. He runs *GPanswers.com*, and *WinLinAnswers.com* community forums to answer tough Group Policy and Windows/Linux integration questions. His popular book on Group Policy is entitled *Group Policy, Profiles and IntelliMirror* (SYBEX). His latest book is *Practical Windows & Linux Integration: Hands-on Solutions for a Mixed Environment* (SYBEX). Jeremy frequently contributes to *Redmond* magazine.

**Sekou Page**, MCSE, CISSP, has over 10 years of experience in the IT field. He is Exchange 5.5/2000, IIS, and Active Directory Design Certified. He has architected and administered Active Directory, Exchange mail systems and network environments. Sekou specializes in Active Directory and Exchange migrations and has lead over 50 successful migrations, over 30 of which were in Exchange 2003. His expertise also includes infrastructure architecture/optimization and security. Currently Sekou is the Principal Exchange knowledge architect at Zenprise, provider of real-time diagnosis and resolution of email problems.

**Keith Parsons** is Managing Director of the Institute for Network Professionals and is Editor-in-Chief for

NICs. A gifted presenter, Keith is known for his wit and broad technical experience. He holds 36 technical certifications and has earned an MBA in Qualitative Analysis from the Marriott School of Management. He is author (or editor) of a dozen technical publications and has developed six technical certifications for companies such as Network Associates, Verisign, and IBM.

**Beth Quinlan**, MCT, MCSE, MCSA, CISSP, is a trainer/consultant who has specialized in Microsoft infrastructure technologies and security design for over 12 years. Beth is currently in her 4th worldwide tour on behalf of Microsoft Product Teams in which she trains internal Microsoft engineers, partners and customers on ISA Server 2004, Antigen, Exchange Hosted Services and RMS. Beth has spoken at events for Microsoft and others, written courseware for a variety of clients, developed hands-on labs for Microsoft and recently authored *ISA Server 2006 Reviewer's Guide*.

**Steve Riley's** career at Microsoft began in 1998 in the telecommunications practice of Microsoft Consulting Services where he worked to design highly-available network architectures, develop hosting platforms for various custom and off-the-shelf applications, and deploy complex multi-site VPNs. As a security consultant, he worked with customers to conduct security assessments and risk analysis, deploy technologies for attack prevention and intrusion detection, and assist with incident response efforts. Steve is now a product manager in Microsoft's Security Business Unit. He is a frequent and popular speaker at conferences worldwide.

**Bruce Rougeau**, MCSE, MCP+I, MCT, Citrix Certified MetaFrame Administrator, began designing and implementing a three-tier architecture for an automated medical record system in 1998. The most recent thin client implementation was deployed using Citrix's WinFrame utilizing 1,000 Windows-based terminals and fewer than 20 PCs. Currently he works for EDS as an infrastructure architect focusing on networks, Web servers, thin client computing and 32-way Intel Data Center solutions.

**Greg Shields**, MCSE: Security, CCEA, is a senior consultant with 3t Systems in Denver, Colorado, [www.3t-systems.com](http://www.3t-systems.com). A contributing editor and columnist with both *Redmond* Magazine and *Microsoft Certified Professional* Magazine, Greg has developed extensive experience with architecting and administering enterprise systems using Microsoft, Citrix, and VMware technologies. Greg is also a trainer for CBT Nuggets, [www.cbtnuggets.com](http://www.cbtnuggets.com), producing IT training for Citrix, SMS, and VBScript scripting. Greg is a dynamic speaker and experienced technical trainer.

**Bharat Suneja**, MCT, MCSE: Messaging, MCSE: Security, Security+, has over 10 years of experience architecting and managing exchange environments ranging from mid-size companies to large service providers. His expertise spans Exchange, Active Directory and security. Bharat has worked in industries including ecommerce, ISP/ASP, IT firms and software. Bharat is an active writer and contributing editor for international IT publications. Bharat was also a technical reviewer for *Exchange Server 2003 24 Seven* (Author: Jim McBees).

**Joern Wettren**, Ph.D., MCSE, MCT, Security+, is the owner of Wettren Network Solutions, a consulting and training firm. He is currently a columnist for *Redmond* magazine. He has written books and developed training courses on a number of networking and security topics. In addition to helping companies implement network security solutions, he regularly teaches seminars and speaks at conferences worldwide.

# Pre- and Post-Conference Crash Courses

Get a jump on your training with pre-conference courses led by expert instructors. TechMentor takes you in-depth with crash courses on crucial technologies like virtualization, Vista and Windows PowerShell. Wrap up the week with our new post-conference courses. Additional fee is required.

## Monday, March 26

### CC1 VMWare VIRTUAL INFRASTRUCTURE CRASH COURSE 8:00 - 11:30 a.m. Greg Shields

Heard all the virtualization hype, but haven't had time to learn it? Now's your chance. Focusing on VMware's virtualization products for the data center, *Redmond* columnist and TechMentor Track Lead Greg Shields will guide you through deploying, managing and troubleshooting virtual machines using VMware's Server and ESX products. You'll discover the best ways to secure your server hosts and rapidly deploy new Virtual Machines. You'll analyze system sizing tricks and performance optimizations that prevent bottlenecks and resource overuse. You'll leave with proven solutions for virtualizing your entire server infrastructure. Come early to TechMentor and attend our VMware Virtual Infrastructure Crash Course to learn all the details. Sign up for this Crash Course and receive a free 90 day 16-processor evaluation license for VMware's Virtual Infrastructure datacenter virtualization platform. You can break this special evaluation license into multiple physical hosts (eight 2-processor machines or one big 16-processor machine).

### CC2 VISTA SECURITY CRASH COURSE 8:00 - 11:30 a.m. Mark Minasi

Add up all of the changes in Vista; guess where you'll see the most changes? It's not the new Aero Glass GUI, or in the new deployment tools, or the updates to group policies — nope, it's in security. Most of the changes in security, however, aren't obvious — even a keen-eyed techie might miss Windows Integrity Control, or the many changes to security defaults. Other security changes are obvious, like User Account Control, but irritating... until you understand them. Still others are useful, but not activated by default, like the new changes to physical security in Vista. Learn about them all from Mark Minasi, the author of *Administering Windows Vista Security: the Big Surprises*, and have a chuckle or two in the process.

### CC3 VBScript CRASH COURSE 8:00 - 11:30 a.m. Don Jones

Gain all the pre-requisite knowledge of VBScript you'll need to take advantage of the Scripting and Automation track in this three-hour, fast-paced crash course. You'll learn how VBScript works, the core statements and functions of the VBScript language, and how VBScript leverages COM objects to tap into Windows' internal administrative capabilities. You'll be able to write simple administrative scripts and will become proficient at core techniques such as string handling, basic debugging and bug prevention. *Includes hands-on content. Bring your laptop. Power will be provided.*

### CC4 TROUBLESHOOTING GROUP POLICY CRASH COURSE: VISTA TO THE RESCUE! 8:00 - 11:30 a.m. Derek Melber

Group Policy is one of Microsoft's most publicized technologies. If you run Active Directory, you have Group Policy. Group Policy is essential for standardizing and securing servers and desktops. If Group Policy fails, your network is vulnerable, so knowing how to fix any problem related to Group Policy is an indispensable skill. Since Vista has so many new troubleshooting options, your job has gotten easier — as long as you know where to look. This session will make you a troubleshooting guru as we dive deep into creating, modifying and applying Group Policy from a Troubleshooting perspective.

Key points covered in this crash course include:

- Updates to Group Policy through Vista (and Longhorn)
- Storing GPOs
- Event logs and GPOs
- Logging GPO events

- Fixing broken GPOs
- Restoring GPOs
- How to fix GPOs when they don't apply correctly
- Tracking Registry changes updated by GPOs
- Using Group Policy tools and interfaces to troubleshoot issues

## Friday, March 30

### CC5 CITRIX CCA CRASH COURSE

1:00 - 4:30 p.m. Greg Shields

Are you a Citrix administrator out looking for street cred? In the world of remote access, there are no props like flashing your Citrix Certified Administrator card. Wanna' be a CCA? It's a single test, so the pressure is on. In this down and dirty post-conference crash course on Citrix Presentation Server, we'll show you what you need to know to have the best chance of passing it. In a little more than three hours, we'll talk about the best in Citrix technologies. We'll drill deep into the Citrix Presentation Server skills you need to know and help you properly configure your servers. You'll leave with a greater comfort level for your skills with Citrix and return home prepared to take on that CCA beast and reap the rewards.

### CC6 WINDOWS PowerShell CRASH COURSE

1:00 - 4:30 p.m. Don Jones

Did you miss the "Windows PowerShell Day" on Thursday? Want to review that PowerShell information along with hands-on labs? This is the post-conference crash course for you. You'll learn the basics of using Windows PowerShell and the fundamentals of scripting Windows PowerShell using WMI and ADSI. Hands-on labs (bring your Windows XP or Vista laptop with Windows PowerShell installed) let you put your new skills to work solving real-world problems. You'll learn a lot in three hours, but you'll leave ready to start putting PowerShell to use *immediately* when you get home. Trial editions of PowerShell editing software will be provided in class to make working with PowerShell scripts easier.

### CC7 WINDOWS VISTA AND XP DESKTOP SECURITY AND MANAGEMENT

1:00 - 4:30 p.m. Derek Melber

In this session, we will be covering some of the most important and sometimes complex areas of desktop management and security. We will cover key areas such as imaging capabilities, application compatibility and desktop management. If you need to migrate your computers from one environment to another, you'll need to understand the USMT and File and Settings Transfer Wizard. Security is at the forefront of our minds and responsibilities, so using WSUS, Group Policy, MBSA and other security tools are essential for ensuring your desktops are secure. We'll also go over some of the most important settings and configurations you can make to ensure your systems will be secure when you add Vista to the mix. These technologies include UAC, Malicious Software Removal Tool and more.



Greg Shields presenting on virtualization

# System and Network Troubleshooting Track

Troubleshooting is at the core of every great IT pro. Any old hack can pick up a CD and install a new application or a new server, but having the skills to fix the system when it breaks is what separates the wannabe's from the master craftsmen. The System and Network Troubleshooting Track is your fast-track to a healthier infrastructure — a shared learning experience where everyone comes away with new tips and tricks. Instructors with real-world experience present sessions that run the gamut of your Windows network. You will leave with proven answers to your hardest questions and solutions you can immediately implement back home. Led by popular instructor and *Redmond* magazine columnist Greg Shields, you don't want to miss the System and Network Troubleshooting Track.

## Monday, March 26

### **M1** THE WINDOWS TROUBLESHOOTER'S GUIDE TO DNS 12:30 – 2:00 p.m. Greg Shields

DNS is one of those set-it-and-forget-it network services — except when it doesn't work right. As the foundation of Active Directory, an unhealthy DNS can make for a very unhappy AD. In this session, we'll discuss some popular DNS misconceptions and misconfigurations, and give you the tools you need to troubleshoot it when it breaks. You'll learn the real value of resolution and how even one bad check box can completely change how DNS operates. If you care about Active Directory, don't miss this session.

### **M7** I HATE PATCH TUESDAY: REAL-WORLD LESSONS IN PATCH MANAGEMENT 2:15 – 3:45 p.m. Greg Shields

Do you hate Patch Tuesday? Does this monthly event cause a lack of sleep or lack of a social life? If so, you need a good strategy for patch management. Although any one patch isn't all that hard to handle, hundreds of patches every month is a logistical nightmare. Come learn kid-tested and mother-approved strategies for keeping your network patched with *Redmond* columnist Greg Shields. You'll learn best practices used by successful companies for managing this expensive, time-consuming and recurring process.

### **M13** GROUP POLICY TOOLKIT SECRETS 4:00 – 5:30 p.m. Jeremy Moskowitz

There is a wealth of little tools that each do a specific job to help you troubleshoot Group Policy problems. What's in your toolkit? In this session, you'll get a toolbox full of goodies you can use to streamline your processes, troubleshoot easier and get to the heart of what's ailing you. You'll learn about log files you can turn on in a pinch, and Group Policy resource kit tools like PolicySpy, GPMonitor and GPInventory. You'll also learn about some free add-on tools from third party vendors to help round out your toolkit.

## Tuesday, March 27

### **T1** VISTA DAY! VISTA MANAGEMENT & GROUP POLICY 8:30 – 10:00 a.m. Jeremy Moskowitz

What's new with Group Policy in Windows Vista? Lots! Come to this session to hear Jeremy Moskowitz, Group Policy MVP, describe all the gory details of what you need to know. Learn about Multiple Local GPOs, the central store, the underlying engine changes and the 700 new policy settings. If you even have one Windows Vista machine in your domain, you need to come to this session.

### **T7** VISTA DAY! VISTA INSTALLATION & RAPID DEPLOYMENT 10:15 – 11:45 a.m. Jeremy Moskowitz

You've got XP on the system, but you've got Vista on the brain. What are you going to do? Get it rolled out quickly and efficiently, that's what. This session will teach you how you can leverage your existing infrastructure to get Vista deployed using the new Windows Deployment Services (WDS), the Business Desktop Deployment Accelerator and other rapid deployment techniques.

### **T13** VISTA DAY! VISTA SECURITY & BITLOCKER TECHNOLOGY 1:00 – 2:30 p.m. Mark Minasi

You often hear security experts intone that "if an attacker has physical control of your computer, then it's game over." Many of you may reply, "What about laptops?" The security person will either change the subject or say you've just got to teach your people to protect their laptops when they're out of the office. BitLocker changes that. Built into Vista Ultimate and Enterprise, BitLocker lets you encrypt your computer's entire C drive. Someone who steals your laptop will be able to turn it on, but that's about it. Without your password, they can't get to your data. Of course, if you forget your password, then you can't get to your data either. In this comprehensive talk, Mark Minasi, author of *Administering Windows Vista Security: the Big Surprises* shows you the hows and whys of using BitLocker — and how to recover from those lost password blues.

### **T19** VISTA DAY! ASK THE TROUBLESHOOTING EXPERTS 2:45 – 4:15 p.m. Track Speakers

TechMentor has better access than most conferences, but it's still hard to catch those wily instructors for questions between sessions. If you have a question that's plaguing your business, come join Troubleshooting Experts Mark Minasi, Rhonda Layfield, Joern Wettren and Greg Shields for a full 90 minute roundtable all about your problems. Let's fix that nagging problem that brought you to TechMentor in the first place.

## Wednesday, March 28

### **W1** WINDOWS AUTHENTICATIONS REVEALED 8:30 – 10:00 a.m. Mark Minasi

Every day we log into our Windows systems, but what really happens when we do? How *do* our workstations and domain controllers (DCs) exchange logon information without revealing our passwords? For that matter, how are our workstations able



to find DCs, even on days when the local DC is sick? Let veteran Windows expert Mark Minasi show you how logins work, what happens when they don't work (and how you can fix them) and how to better secure them. He'll also help you understand where Microsoft's login protocols are secure - and where they aren't. Once you're done, terms like "ticket-granting service" and "service principal name" will be clear as a bell.

## **W7** DEFEATING SpyWare IN AN IE7 WORLD 10:15 - 11:45 a.m. Greg Shields

Internet Explorer 7 is now available world wide. For spyware, that means ... not all that much. Even with all the new protections in this recent upgrade, there are still ways for the bad stuff to get in and cause trouble. Spyware and its brothers Adware and malware are a constant threat to your network infrastructure, so you need to fight them with the best tools available. In this session, you'll examine the mechanics of a spyware infection and learn about available removal tools. You'll leave having learned the tricks to make yourself your own spyware scanner.

## **W13** AD DISASTERS AND HOW TO PREVENT THEM 2:30 - 4:00 p.m. Greg Shields

Is your Active Directory configuration a ticking time bomb? Ever wondered if there's something lurking within that could cause a major disaster? Prevent that resume-blasting event by attending this fast-paced session. We'll go over overlooked settings in your AD that could someday cause a major failure. Gleaned from real-world experience through countless AD assessments, you'll learn the Top 10 Active Directory Mistakes and how to make them right before trouble strikes.

## Thursday, March 29

### **Th1** THE ESSENTIALS OF HARDENING SERVER 2003 SP1 & SP2 8:30 - 10:00 a.m. Mark Minasi

Once upon a time, all you had to do to make a server or workstation useful was to just install it and configure it to the client's needs. Unfortunately that's now only part of the job. Nowadays we've also got to tailor it AGAINST the needs of the other clients on your systems — the bad guys. Configuring a system to be harder to attack isn't hard; it just requires understanding and implementing an array of settings. In this informative and enjoyable talk, A7 level computer expert Mark Minasi explains how you can make your system as dirt-bag-proof as possible as simply as possible.

### **Th7** TOP TRICKS FOR MONITORING AND ANALYZING SYSTEM PERFORMANCE 10:15 - 11:45 a.m. Greg Shields

Solving the most difficult system problems often means comparing performance during the problem to how it behaved before the problem. Keeping an eye on your systems' performance is the most overlooked responsibility of a systems administrator. Not any more — in this session, you'll learn about the best tools for monitoring, managing and alerting on system performance issues, and how to use performance indicators as a measurement for solving problems. You'll come away knowing how to watch your performance logs for signs of trouble.

### **Th13** THE BEST FREE TOOLS FOR WINDOWS SERVER TROUBLESHOOTING 2:15 - 3:45 p.m. Greg Shields

Why buy anything if you can get it for free? With the hundreds of free tools out on the Internet, you can find one that will do just about anything. Finding the right one is the hard part. Considered a must-see session by many, come see Master Toolsmith and Windows Insider columnist Greg Shields share what's in his toolbox for easing the burden of systems administration. You won't even have to beg the boss for money.

### **Th19** EVERYTHING YOU DON'T KNOW (BUT SHOULD) ABOUT MICROSOFT'S FRS 4:00 - 5:30 p.m. Rhonda Layfield

Have you ever had a Group Policy fail to replicate to one or more domain controllers? How about logon scripts not being applied? The underlying mechanism responsible for replicating Group Policies and logon scripts is the File Replication Service — better known as FRS. In this highly technical session, you'll learn how the FRS process works step-by-step so you'll know how to troubleshoot it when it doesn't work. Learn why journal wraps occur and how to fix them. Find out when to perform an Authoritative Restore of FRS (not AD). Get a glimpse of the tools that can help you monitor and troubleshoot your FRS environment. This session is not for the faint of heart. Be prepared to see things you've never seen before, and become an FRS expert along the way.

## Friday, March 30

### **F1** WINDOWS CRASH DUMPS MADE SIMPLE 8:30 - 10:00 a.m. Bruce Mackenzie-Low

Do you feel helpless when your Windows servers crash? Do you dread spending hours on the phone being passed around the world seeking assistance for your BSOD? Fear not! Join Bruce as he introduces the basic principles to crash dump analysis. You too can use Bruce's easy cookbook approach to identify failing software or hardware components responsible for Stops, Hangs and Blue Screens. Impress your boss as you use Microsoft's Windows debugger to pinpoint the failing driver that's causing your downtime.

### **F7** TOP PROBLEMS & SOLUTIONS WITH WINDOWS TERMINAL SERVICES 10:15 - 11:45 a.m. Greg Shields

What looks like a server and sounds like a server, but really isn't a server at all? A Terminal Server, of course! Being a Terminal Server administrator is like being the network babysitter. You've got to make sure your users all play nicely with each other. Figuring out *how* to do that, though, can be a pain in the reboot button. In this session, we'll fix some of TS's biggest problems and discuss how to tune it for best performance. We'll also cover proven practices for setting up Terminal Services in both LAN and WAN environments. Best of all, you'll learn exactly how to hack your terminal servers to eek out the very best performance.

# Security Track

Security is kind of like the weather: everyone talks about it, but no one does anything about it. This is your chance to change that. This week-long track will take you from soup to nuts, giving you the basics of network and server security, various Windows security topics, hands-on work in forensics and hacking training. Some of the top experts in Windows security will be teaching, including Redmond magazine's "Security Advisor" columnist Joern Wettern, Microsoft security guru Steve Riley and noted speaker, author and trainer Todd Lammle.

*Ultimate USB Security Stick* — This 2 GB USB stick is required in courses M2, M8, M14, T2, T14, and T20. The stick contains tested and proven tools to help you in a variety of roles. Some of the tools include 'The Network Toolkit' by CACE Technologies, NetScan Tools Pro by Northwest Performance Software, Introduction to Wireless LANs by iWLANpro, Network Analysis with Wireshark by INP, plus hundreds of freeware and shareware tools. Yours for only \$199, retails at \$1,000.

## Monday, March 26

### M2 INTRODUCTION TO USB STICK & ANONYMOUS COMPUTING

12:30 - 2:00 p.m. Todd Lammle

This unique session will show you how to connect to PCs and sleuth out problems using tools hosted on the Ultimate USB Security Stick. The USB memory stick is loaded with powerful security, hacking and forensic programs—everything you need to troubleshoot and secure client PCs, even without Administrative rights. During the session, you'll use the software on the USB stick to work through practical exercises and try out new computer setup and recovery techniques. You'll also learn how to secure your PC against others who might try to use these tools to access your hardware. You'll learn how to use USB-hosted apps to run everything from Web browsers and email clients to productivity applications—all without leaving a trace behind on the computer. This is a great session that will help manage trouble wherever it strikes. *Note: This course requires purchase of the Ultimate USB Security Stick.*

### M8 NETWORK ANALYSIS

2:15 - 3:45 p.m. Keith Parsons

You know that network analysis involves sniffing packets and tracing networks. Did you know that you can do all this with tools hosted on a USB stick? In this session, you'll get to experience—hands-on—live network analysis using the tools on the Ultimate USB Security Stick. You'll learn how to see everything that's typically leaked from most networks, locate passwords, identify suspicious traffic patterns, and view and capture packets on the fly. To ensure you're equipped to handle today's changing networks, we'll show you how to perform these tasks in both wired and wireless environments. *Note: This course requires purchase of the Ultimate USB Security Stick.*

### M14 PENETRATION TESTING

4:00 - 5:30 p.m. Keith Parsons

Do you know if you've adequately secured your systems and networks? There's really only one way to find out—perform a penetration test to find out what a hacker might be able to see, find or even steal from your systems. This session will teach you solid ethical hacking techniques and provide the skills you need to

determine if your network and its hosts are vulnerable to hacking exploits. Best of all, you'll find all the tools you need for the session on the Ultimate Security USB Stick. This is a mission-critical seminar if you're serious about protecting your network from hackers and crackers. *Note: This course requires purchase of the Ultimate USB Security Stick.*

## Tuesday, March 27

### T2 COMPUTER FORENSICS

8:30 - 10:00 a.m. Keith Parsons

Computer forensics analysis is a crucial discipline for any enterprise IT department. Whether you're determining system vulnerabilities or investigating a suspected attack, you need to be able to recognize and assess malicious, unapproved and unauthorized activity. In this session, we'll show you the tools, techniques and strategic steps needed to track down suspect activities. Review file activity and USB drive usage, find local passwords and check for key logger software—all via tools hosted on the Ultimate USB Security Stick. You'll master streamlined and elegant approaches and leave the session equipped to track down vulnerabilities and attacks. *Note: This course requires purchase of the Ultimate USB Security Stick.*

### T8 WIRELESS SECURITY, PART 1

10:15 - 11:45 a.m. Todd Lammle

The first of a two-part program, Wireless Security shows you how to precisely secure your wireless LAN (WLAN) and Metropolitan Mobile Network, for both corporate and home settings. This course will teach you the beginnings of WLAN security and review the benefits and drawbacks of current security methods. We'll also look ahead to next-generation security methods so you can make well-informed decisions about WLAN security policies. Whether you work in a large or small office — or even a mobile office — this vital seminar will help ensure that your wireless networks and applications remain secure.

### T14 WIRELESS SECURITY, PART 2

1:00 - 2:30 p.m. Keith Parsons

Following up on the first part of this two-part session, we'll explore the dark side, using wireless tools to help us think and act like a WLAN hacker. You'll see how vulnerable your wireless LAN might be — and what you need to do to protect it. No matter what you've heard, you really can secure that wireless network. We'll perform hands-on exercises like in-class "war driving," MAC spoofing, turning your laptop into an access point and more. Just bring your own laptop with either an internal or external wireless NIC, and take the plunge into hands-on wireless security. *Note: This course requires purchase of the Ultimate USB Security Stick.*

### T20 USING METASPLOIT – ADVANCED PENETRATION TESTING

2:45 - 4:15 p.m. Keith Parsons

This session will teach you how to use the advanced penetration testing tool Metasploit. You'll experience a series of hands-on lab exercises using a variety of current exploits to "attack" your own machine and classroom targets. Use these skills and techniques back in your own office to harden your network and computers. *Note: This course requires purchase of the Ultimate USB Security Stick.*



## Wednesday, March 28

### **W2** SECURING MESSAGES WITH EXCHANGE SERVER 2007 8:30 - 10:00 a.m. Beth Quinlan

One of the most common ways for viruses to spread is through e-mail. In this session, you'll learn about Exchange Server 2007's new features for virus protection and spam filtering. You'll also learn how to configure connection filtering, Sender and Recipient filtering, Sender ID filtering, Sender Reputation filtering and Content filtering. You'll also learn about the various options for enabling a secure message flow, focusing on the Edge Transport server role to provide the highest level of protection.

### **W8** HOW TO GET STARTED WITH A PUBLIC KEY INFRASTRUCTURE 10:15 - 11:45 a.m. Joern Wettren

More and more technologies, like file encryption and e-mail signing, depend on public key infrastructure (PKI). Implementing a PKI can be a daunting task, however. In this session, you'll learn the basic steps you'll need to take to enable applications that depend on public key encryption, which components are absolutely required and which ones are optional. You'll also get plenty of guidance for getting started and how to avoid common critical mistakes that might require re-design and re-deployment.

### **W14** ATTACKER TRENDS AND TECHNIQUES: AN UPDATE 2:30 - 4:00 p.m. Steve Riley

The bad guys just keep getting better! They're constantly changing their tactics and inventing new techniques to cause you harm, damage your data, and make your resources unavailable. Why do they do this? What motivates someone to — let's call it what it is — commit computer-related crimes? How have they changed and improved? What kinds of attacks are popular now and why are they so effective? What might we expect to see in the future? Steve Riley will help you understand the latest in attacker trends and techniques, so that you can plan appropriately and implement effective processes and technologies to mitigate their threats.

## Thursday, March 29

### **Th2** PROTECTING YOUR NETWORK: CONFIGURING SERVER AND DOMAIN ISOLATION 8:30 - 10:00 a.m. Ronald Beekelaar

You can't depend on firewalls alone to protect your network from attacks or unintended access from the outside or even from within your network. In this session, you'll learn how to use IPSec to isolate servers and domain-based networks, and ensure that only managed clients or domain-joined computers can communicate with important servers.

### **Th8** USING ISA SERVER 2006 FOR VPN CONNECTIVITY 10:15 - 11:45 a.m. Beth Quinlan

VPN functionality is fully integrated into the firewall architecture of ISA Server 2006, which enables fast and secure remote access to corporate network resources. In this presentation you will learn how to:

- Configure ISA Server to accept incoming VPN connections

- Configure a client computer to establish a VPN connection
- Allow internal network access for VPN clients
- Configure VPN quarantine on ISA Server
- Create and distribute a Connection Manager profile
- Use VPN quarantine on the client computer
- Use the Branch Office Configuration Wizard to configure your VPN between remote locations

### **Th14** HOW TO IMPLEMENT A PATCH MANAGEMENT STRATEGY 2:15 - 3:45 p.m. Joern Wettren

Nobody likes having to deploy operating system and client patches. However, it's a task you can't neglect. Fortunately, tools from Microsoft and third parties can make the job easier. In this session, you'll learn how to ensure that patches are deployed in a timely manner and with the least amount of work required, while avoiding mistakes that could interrupt network operations.

### **Th20** NETWORKING WITHOUT WIRES OR WORRIES: WIRELESS LAN SECURITY 4:00 - 5:30 p.m. Steve Riley

You've heard the tired bleating so often you now think it's true: wireless networks can't be secured, I'll never let that stuff be deployed at my company, etc. Well, wireless networks are, in fact, insecure if you rely only on Wired Equivalent Privacy. WEP is not equivalent to wired networks, because the physical layer is air, and there is no such thing as "private air." WEP has now reached the end of its useful life; proper wireless security is now built around Wi-Fi Protected Access (WPA) and WPA2. Both protocols operate in modes suitable for homes and small offices as well as large enterprises. Learn the risks posed by wireless networks, how to mitigate those risks with nothing more than the technology already built into Windows, and some of the new management choices for wireless networks in Windows Vista.

## Friday, March 30

### **F2** USING FOREFRONT CLIENT SECURITY 8:30 - 10:00 a.m. Ronald Beekelaar

Microsoft has released Forefront Client Security — a new security product that will help you protect your desktops, laptops, and servers from emerging threats such as spyware, rootkits, viruses and other attacks. In this session, you'll learn how to deploy a client side Forefront policy, get signature updates, view alerts and run reports.

### **F8** PROTECTING PRIVACY ON THE MICROSOFT PLATFORM: "PAPER" SECURITY VS. REAL SECURITY 10:15 - 11:45 a.m. Steve Riley

In the era of proliferating privacy regulations worldwide, encryption requirements are everywhere. However, "encryption" doesn't necessarily mean protection. In this session you'll learn various encryption approaches that organizations have proposed or deployed, and distinguish between those that merely satisfy a simple "checkmark" on a privacy auditor's list, and those that actually provide the protection that was intended by the regulations. We'll also explore encryption options in Windows and delve into how Windows protects important secrets.

# Scripting and Automation Track

Learn how to automate Windows your way with these new TechMentor “Scripting and Automation” courses. Leverage all the tools available to you as a Windows administrator, including prewritten tools, batch files, VBScript and even the new Windows PowerShell. The courses are led by scripting gurus Don Jones and Jeffery Hicks of ScriptingAnswers.com, authors of Managing Windows with VBScript and WMI, Advanced VBScript for Windows Administrators and other Windows titles.

Bring your Windows XP or Windows Vista laptop (Windows 2000 is neither recommended nor supported in this track, as it will not work with Windows PowerShell) with Windows Script Host and Windows PowerShell already installed. There will be plenty of opportunities for hands-on experimentation during selected sessions.

## Monday, March 26

### **M3** SCRIPTING WINDOWS MANAGEMENT: WMI FUNDAMENTALS

12:30 - 2:00 p.m. Don Jones

Windows Management Instrumentation (WMI) provides a flexible, consistent way to inventory and change Windows configuration information across your enterprise. In this session, you'll learn what WMI is, how it's built, and how it works-information you'll be able to leverage in later sessions on VBScript, batch scripting and Windows PowerShell. You'll learn to work with non-scripting tools to create and test WMI queries and to retrieve basic WMI information from across your network. You'll also learn to configure WMI security.

### **M9** SCRIPTING THE DIRECTORY: ADSI FUNDAMENTALS

2:15 - 3:45 p.m. Jeffery Hicks

The Active Directory Services Interface (ADSI) provides the basis for scripting Active Directory, as well as local accounts and resources. VBScript and Windows PowerShell both leverage ADSI, making this session a foundation for subsequent track sessions. You'll learn how ADSI works, how to write both WinNT and LDAP queries and how to work with ADSI objects. You'll learn how to use free tools to explore and test ADSI-with no scripting required. You'll also learn about ADSI security topics like using alternate credentials and mapping familiar graphical user interfaces into under-the-hood ADSI lingo.

### **M15** SIMPLIFYING WINDOWS SERVER AND DESKTOP ADMINISTRATION WITH MR. ROBOTO

4:00 - 5:30 p.m. Jeffery Hicks

Join *Redmond* magazine's automation columnist for this “No Scripting Required” session. You'll learn how to automate a number of desktop administration tasks-tasks for which there are often no tools built into Windows-without writing a single line of script code. You'll be introduced to a variety of free tools, including ready-to-run scripts, command-line tools and GUI tools. These tools handle otherwise difficult “en masse” server and desktop administration, including service management, local account management and desktop inventories. All tools will be provided during the class and you're welcome to follow along on your laptop as you learn to use them. There will be brief

overviews provided for script-based tools so you'll have a starting point for later modification and customization. *There is absolutely no scripting experience required.*

## Tuesday, March 27

### **T3** AUTOMATING WITH BATCH FILES, PART 1

8:30 - 10:00 a.m. Jeffery Hicks

Think you need to be a VBScript guru to automate your administrative tasks? Think again. With the help of your old friend the C:\ Prompt, you can take advantage of the command line's power and versatility. This session will introduce you to command line scripting so you can leverage the vast number of free command line utilities to manage your servers and desktops. You'll learn how to customize the command line to suit your needs, basic command line syntax and techniques, an introduction to building batch files and the top three commands every Windows administrator should know. Bring your Windows XP or Vista laptop and follow along with the in-class samples and demonstrations. *No prior experience necessary.*

### **T9** AUTOMATING WITH BATCH FILES, PART 2

10:15 - 11:45 a.m. Jeffery Hicks

Continue exploring the power of the command line in this session. Learn how to integrate VBScript and command line scripting, manage Active Directory without any management consoles, and leverage the power of WMI without actually having to know WMI. The session will wrap up with the Top 10 Command line Tricks that are sure to fire you up to start using the command line. Bring your Windows XP or Vista laptop and follow along with the in-class samples and demonstrations.

### **T15** SCRIPTING WMI AND ADSI IN VBScript

1:00 - 2:30 p.m. Don Jones

Learn how to get the most out of WMI and ADSI from within your VBScript projects. You'll learn how to paste tested WMI and ADSI queries, utilize WMI and ADSI classes and objects within your scripts, and perform some of the most common Windows administrative tasks using these powerful technologies. Bring your Windows XP or Vista laptop and follow along with the examples in this session. *Pre-requisite: Prior experience with VBScript or completion of pre-conference VBScript Crash Course. This course also assumes fundamental WMI and ADSI knowledge.*

### **T21** TOP TIPS OF THE SCRIPTING PROS

2:45 - 4:15 p.m. Don Jones

Learn the tricks the pros use to make scripting faster and more efficient. Learn why commercial script editors beat out Notepad every time, how to automate things you didn't think could be automated and how to prevent bugs before they wreck your day. You'll get dozens of prewritten code snippets for your personal use and learn how to use more than a half-dozen script templates that perform or accelerate a number of fundamental administrative tasks. You'll also learn how the pros *became* pros, with tips on learning more about scripting on your own and tips for working faster-and working less.

## Wednesday, March 28

### **W3** DATABASE SCRIPTING IN VBScript AND WINDOWS PowerShell 8:30 - 10:00 a.m. Don Jones

Leverage the power of Access, Excel and even SQL Server from within VBScript. You'll learn to use ActiveX Data Objects (ADO) to uniformly access almost any database imaginable, store the results from your scripts, drive your script's activities and much more. This session also includes an introduction to basic SQL language queries that make ADO work and helps you bypass the confusing parts of ADO that don't pertain to administrative scripting. *Pre-requisite: Prior experience with VBScript or completion of pre-conference VBScript Crash Course. This course also assumes fundamental WMI and ADSI knowledge.*

### **W9** GRAPHICAL VBScript: CREATING HTAs 10:15 - 11:45 a.m. Don Jones

Extend your VBScript skills and learn to create "real" Windows applications with nothing more than VBScript and simple HTML tags. You'll learn to develop standalone applications using WMI, ADSI and other scripting-related technologies in an HTML Application — or HTA. You'll also learn an easy-to-use "script-to-HTA" conversion process that minimizes debugging as well as application complexity. This is the perfect way to make your scripts more accessible to junior technicians and even end-users. *Prior VBScript experience or attendance in the VBScript Crash Course is highly recommended, as is a strong familiarity with basic HTML tags and formatting. If you plan to follow along on your laptop, have a WYSIWYG HTML editor installed.*

### **W15** VBScript DEBUGGING: TIPS, TRICKS, AND TECHNIQUES 2:30 - 4:00 p.m. Jeffery Hicks

Stomp those bugs. Better yet, prevent them from happening in the first place. You'll learn the experts' secrets for preventing VBScript bugs, as well as techniques for gaining better insight into script execution to help eliminate bugs quickly. You'll also learn VBScript error handling techniques. This is a valuable way to give your scripts the intelligence to anticipate problems and deal with them, rather than crashing unexpectedly at the first sign of trouble. Jeff will give you several debugging tools and show you how to use commercial script debuggers. *Prior VBScript experience or completion of the earlier VBScript sessions in this track is highly recommended.*

## Thursday, March 29: Windows PowerShell Day

### **Th3** WINDOWS PowerShell, PART 1 8:30 - 10:00 a.m. Don Jones

Part 1 of "Windows PowerShell Day" covers using Windows PowerShell as an interactive shell-with no scripting. Learn about PowerShell security, its architecture, and how Microsoft is basing its future Windows and server products on this flexible automation shell. You'll learn to use PowerShell cmdlets to automate a number of Windows administrative tasks with single-line commands-and again, no scripting necessary. This is the perfect introduction to PowerShell. *Follow along: Bring your Windows XP or Vista laptop with Windows PowerShell installed.*

### **Th9** WINDOWS PowerShell, PART 2 10:15 - 11:45 a.m. Don Jones

Part 2 of "Windows PowerShell Day" continues by exploring PowerShell's flexible and simple scripting language. You'll learn all five of PowerShell's intrinsic scripting language constructs, PowerShell variables, and how PowerShell variables expose under-the-hood functionality from the .NET Framework. You'll learn how to modularize PowerShell code using functions and scriptblocks and see examples of how PowerShell scripts can solve Windows administrative problems. Finally, you'll learn how PowerShell error handling and debugging works. *Follow along: Bring your Windows XP or Vista laptop with Windows PowerShell installed.*

### **Th15** WINDOWS PowerShell, PART 3 2:15 - 3:45 p.m. Jeffery Hicks

Part 3 of "Windows PowerShell Day" dives deeper into Windows PowerShell by showing you how to extend PowerShell's types with your own code, how to work with regular expressions and advanced variable functionality — including arrays, hashtables and more. You'll also learn about advanced operators, like bitwise operators, and get a peek at how Windows PowerShell can access databases from within your PowerShell scripts. *Follow along: Bring your Windows XP or Vista laptop with Windows PowerShell installed.*

### **Th21** WINDOWS PowerShell, PART 4 4:00 - 5:30 p.m. Jeffery Hicks

Part 4 of "Windows PowerShell Day" focuses on data presentation and Windows management. You'll learn how to group, sort, format, filter and export data-pretty much everything you can do with data. You'll also work with tons of Windows administrative automation examples through PowerShell, including services, WMI, tasks and processes, files and folders, ACLs and more. This session wraps up "Windows PowerShell Day" with hard-hitting content and examples you can put to work the minute you get home. *Follow along: Bring your Windows XP or Vista laptop with Windows PowerShell installed.*

## Friday, March 30

### **F3** ADMINISTRATIVE SCRIPTING HANDS-ON WORKSHOP 8:30 - 10:00 a.m. Jeffery Hicks

Put your administrative scripting skills to the test in this challenging, real-world, scenario-based workshop. You'll be given a series of administrative challenges and the tools you need to create scripts to resolve those challenges. You'll be directed to use Batch files, VBScript, Windows PowerShell, HTAs, databases and more to complete your tasks. Prizes will be awarded for fast, correct completion of various tasks. So be sure to use all the timesaving tips you've picked up throughout this track. Your instructor will be on-hand to guide you through each exercise with sample solutions for each. Like a game show.

### **F9** ADMINISTRATIVE SCRIPTING HANDS-ON WORKSHOP (CONTINUED) 10:15 - 11:45 a.m. Jeffery Hicks

# Exchange/SQL Server Track

Call this the “Windows back-end” track. Learn the ins and outs of two mission-critical applications, Exchange Server 2007/2003 and SQL Server 2005 — installation, management and troubleshooting will be some of the areas covered. If you have responsibility for these servers, or need to get up to speed on either, this is the track for you. Respected industry veterans will give you the skills you need to tackle these complex servers.

## Monday, March 26

### **M4** EXCHANGE SERVER 2007 OVERVIEW

12:30 – 2:00 p.m. **Bharat Suneja**

Exchange Server 2007, the next major version of Exchange, brings many new features, functionality and new ways of performing management tasks. This session provides an overview of all the new features coming in Exchange Server 2007.

### **M10** MESSAGING HYGIENE IN EXCHANGE: EXCHANGE 2007, EXCHANGE 2003 AND SP2

2:15 – 3:45 p.m. **Bharat Suneja**

Exchange Server 2003 and Exchange Server 2003 Service Pack 2 include Messaging Hygiene tools you can use to protect your organization from unsolicited commercial email (UCE). You'll learn what these features offer and how to configure the different components of the Messaging Hygiene framework. Learn how to avoid common pitfalls when using different filtering mechanisms like Connection Filter, Sender ID Filter, Sender Filter, Recipient Filter and Intelligent Message Filter — and get a preview of what Exchange Server 2007 has in store for Messaging Hygiene.

### **M16** DESIGNING EXCHANGE FOR PERFORMANCE

4:00 – 5:30 p.m. **Sekou Page**

You've got Exchange up and running and everything seems fine — until someone says “e-mail is slow.” Troubleshooting Exchange performance begins with making sure you have a well designed infrastructure. Factors like the type and number of servers in your environment, user load and behavior and your overall IT infrastructure can all contribute to how you design and tune your systems. You'll learn how to architect an Exchange environment and design servers for maximum performance.

## Tuesday, March 27

### **T4** SMTP VIRTUAL SERVERS AND SMTP CONNECTORS: HOW TO CONFIGURE SMTP IN EXCHANGE SERVER 2003

8:30 – 10:00 a.m. **Bharat Suneja**

Exchange Server 2000/2003 uses SMTP as a transport and forms the backbone of an Exchange message routing topology. Learn how SMTP works in Exchange 2003 and how to configure it properly. You'll learn how SMTP virtual servers and SMTP connectors work and how to configure SMTP in different topologies. You'll learn best practices and get the answers to many frequently asked questions about SMTP configuration.

### **T10** CLUSTERING EXCHANGE WITH EXCHANGE SERVER 2007 & 2003

10:15 – 11:45 a.m. **Bharat Suneja**

High Availability clustering is a solution to the higher uptime needs demanded by SLAs in some organizations. In this session, you'll learn how clusters provide higher uptime, how to set up an Exchange cluster using Windows Server 2003 and Exchange Server 2003, planning and deployment considerations, considerations for managing clustered Exchange servers and get a sneak preview of the new clustering features coming in Exchange Server 2007.

### **T16** TROUBLESHOOTING DNS FOR EXCHANGE

1:00 – 2:30 p.m. **Sekou Page**

DNS is often considered a “black box.” Once it's configured and working, it's hard to figure out why it “breaks” or what might be wrong. The focus of this session is troubleshooting DNS issues as they relate to Microsoft Exchange. There will be a group discussion on approaches to take when troubleshooting connectivity, zone integrity, performance, Active Directory DNS and name resolution. By thoroughly understanding the different classes of DNS issues and the appropriate troubleshooting processes, we'll take the mystery out of DNS issues.

### **T22** DISASTER RECOVERY PLANNING FOR EXCHANGE

2:45 – 4:15 p.m. **Sekou Page**

You never know when disaster will strike. In this session, you'll learn some of the ways to prepare your Exchange environment for an emergency, looking at the entire Exchange infrastructure from mailbox servers and infrastructure to individual mailboxes and messages. You'll also learn some of the best ways to avoid disaster altogether by careful environment planning and architecting.

## Wednesday, March 28

### **W4** ADVANCED SMTP TROUBLESHOOTING FOR EXCHANGE

8:30 – 10:00 a.m. **Sekou Page**

Exchange has become the most critical business communication tool. If e-mail goes down, the impact on business transactions and productivity is detrimental. At the core of all email communication is Simple Mail Transfer Protocol (SMTP). This session will provide an in-depth look at SMTP — examining common configurations and problems and address some of the well known (and not so well known) methods of troubleshooting SMTP problems. There will be an open Q & A session to discuss many of the SMTP related issues you may be facing in your environments.

### **W10** ARCHITECTING A HIGHLY SECURE MESSAGING ENVIRONMENT

10:15 – 11:45 a.m. **Sekou Page**

The security of your mail infrastructure is critical. With the threat of worms, viruses and hackers (both external and internal), securing your mail system is no easy task. Although Windows 2003 and Exchange 2003 have made improvements over previous versions, your mail system is far from safe. In this session, you'll learn best practices for securing your Exchange infrastructure from top to bottom and examine some of the common mail system exploits and how to avoid them.

## **W16** MIGRATING TO EXCHANGE 2007 2:30 - 4:00 p.m. Sekou Page

In this session we will take a look at the migration process to Exchange 2007 and cover some of the best practices and recommendations from Microsoft. In addition, several real world examples will be used to provide experiences from real environments. By the end of this session, you will have a good idea of how to approach your company's migration to Exchange 2007. There will be an open discussion regarding different environments and the recommended approach for migration.

**Thursday, March 29**

## **Th4** SQL SERVER BASICS FOR NON-DBAs 8:30 - 10:00 a.m. Anil Desai

If you're new to SQL Server 2005 and want to know what's required to keep your servers up and running optimally, this session is for you. You'll get a complete overview of the entire SQL Server 2005 platform and all the details related to installing and upgrading database servers. You'll also learn about configuring services and managing security settings at the server, database and object levels. Finally, you'll get all the details related to configuring basic server options and a checklist of the types of routine maintenance operations you should perform.

## **Th10** SQL SERVER REPORTING SERVICES 10:15 - 11:45 a.m. Eric Johnson

Reporting Services has been greatly refined in the new release of SQL Server. It is now a powerful, easy-to-manage reporting platform. This session will cover the tools you need to design, manage and view reports. Learn how to set up report subscriptions, integrate with SQL Server Management Studio, deploy reports and more.

## **Th16** SQL SERVER PERFORMANCE MONITORING AND OPTIMIZATION 2:15 - 3:45 p.m. Anil Desai

A simple fact in many organizations is that database servers never seem to run quickly enough. This session will focus on monitoring and optimizing SQL Server performance at various levels. There will be walkthroughs and demonstrations using SQL Profiler, Query Analyzer, Windows System Monitor and the Database Engine Tuning Advisor. You'll learn how to troubleshoot slow queries, find bottlenecks on busy servers, develop indexing strategies, and manage blocking and deadlocks. The overall emphasis will be on troubleshooting real-world database problems.

## **Th22** SQL SERVER INTEGRATION SERVICES 4:00 - 5:30 p.m. Eric Johnson

SQL Server Integration Services (SSIS) is the new extract, transform and load (ETL) tool in SQL Server 2005. SSIS replaces and improves upon the previous Distributed Transaction Services. SSIS is now a truly powerful enterprise level ETL tool. SSIS provides graphical tools for designing, building and debugging SSIS packages. This presentation will provide an overview of SSIS and a look into the many functions for merging, cleaning and aggregating data. You'll also learn about your options for scheduling and running SSIS packages both with and without SQL Server.

**Friday, March 30**

## **F4** SQL SERVER REPLICATION 8:30 - 10:00 a.m. Eric Johnson

This session will explore the challenges of configuring, using and troubleshooting replication. You'll learn the ins and out of snapshot replication, transactional replication, merge replication and the newly-minted peer-to-peer replication. The session will also cover how replication works and how to make best use of it in your environment. You'll learn more about the new tools and enhancements that will help you more effectively manage and troubleshoot SQL Server Replication.

## **F10** SQL SERVER DATA PROTECTION AND HIGH AVAILABILITY 10:15 - 11:45 a.m. Anil Desai

SQL Server 2005 includes many new features to help ensure that your database servers stay up and running even under the worst of circumstances. This session covers the components of SQL Server database backup and recovery, including the new enhancements that make the process more reliable. There will be thorough walkthroughs of creating real-world backup and recovery plans based on recovery requirements. This session will also include live demonstrations of using the high-availability features in SQL Server 2005, and will cover the details of designing and implementing database mirroring, setting up log-shipping and failover clustering. The goal is to provide increased uptime while minimizing performance impact. Toward the end of the session, you'll learn how to select the most appropriate high availability technology for a given scenario.

# MCSA — Microsoft Certified Systems Administrator Track

Microsoft Certified System Administrators (MCSAs) are the frontline, down-in-the-trenches IT workers. They're the system administrators; the ones who keep the servers humming along; the ones who manage users, groups and resources. If this sounds like you, it's time to get busy and add a title that will give you a leg up on your peers and demonstrate your expertise to the boss. The fast-paced MCSA Track presents all the information you'll need to prepare for the MCSA exams. It accelerates the learning process by providing only the necessary information, without any sales propaganda. This track has been updated with a new session that will quiz students from a database of Microsoft questions targeted at the 70-290 exam. This jam-packed, week-long track covers a lot of material. Its dynamic instructor, "certification slam session" instructor Bruce Rougeau, has been teaching MCSA/MCSE certification courses for the past 10 years. He'll help you navigate the MCSA maze.

TechMentor does NOT guarantee that you will obtain a certification after completing the certification tracks. You will be taught the test objectives, but successfully passing the tests involves more than just this training.

## Monday, March 26

### **M5** MCSA: ATTENDED AND UNATTENDED INSTALLS AND UPGRADES 12:30 - 2:00 p.m. Bruce Rougeau

You'll move right into troubleshooting an attended or unattended installation or upgrade of Windows XP and Windows 2003. You'll use tools like Remote Installation Services, Sysprep and Setup Manger. Then you'll migrate user settings and files using the Files and Setting Transfer Wizard, ScanState and LoadState.

### **M11** MCSA: DATA ACCESS, FILE SYSTEMS AND PRINTING 2:15 - 3:45 p.m. Bruce Rougeau

You'll learn techniques for planning, creating and monitoring a data access strategy for providing access to files, folders and shares (including NTFS permissions, Share permissions, WebDav, compression and encryption). Other topics covered include configuring and providing access to Offline files, synchronization, creating and managing printers and print jobs for local printers, remote printers, printer sharing and Internet printers.

### **M17** MCSA: WINDOWS 2003 SYSTEM CONFIGURATION AND BACKUP STRATEGIES 4:00 - 5:30 p.m. Bruce Rougeau

You'll learn how to install, configure, remove, troubleshoot and monitor devices and configure driver options for driver signing. Learn how to use tools like regedit to search and modify the registry. You'll also configure hardware profiles, set power management for mobile users and use Scheduled Tasks to schedule backups or other routine events.

## Tuesday, March 27

### **T5** MCSA: ACTIVE DIRECTORY, PART 1 8:30 - 10:00 a.m. Bruce Rougeau

This session is a complete introduction to Active Directory, including all the buzzwords and all the steps you'll need to know to create a multi-level domain forest. You'll examine the different

groups by defining the scope and membership for each. Then you'll explore possible implementations based on Microsoft terminology. You'll also learn about managing user objects via a GUI or scripts.

### **T11** MCSA: ACTIVE DIRECTORY, PART 2 10:15 - 11:45 a.m. Bruce Rougeau

This session introduces the concept of GPOs and scenarios for using them. You'll learn how to use Resultant Set of Policy and Group Policy Management Snap-ins to resolve conflicts between GPOs. You'll also learn about GPO Filtering, Loopback processing, Block Inheritance, Override and WMI filtering.

### **T17** MCSA: DISK MANAGEMENT 1:00 - 2:30 p.m. Bruce Rougeau

Hardware management is the theme for this session. You'll learn about managing basic and dynamic disks, monitoring hardware devices with Device Manager and the Control Panel, optimizing server disk performance with RAID, defragmentation and monitoring disk quotas. The session also covers different RAID options, how to recover from a disk failure, the command line tool diskpart, and other related topics.

### **T23** MCSA: TERMINAL SERVICES AND REMOTE TROUBLESHOOTING 2:45 - 4:15 p.m. Bruce Rougeau

This session starts with configuring and troubleshooting Remote Desktop, then moves on to other areas of remote management, like Terminal Services. Other topics covered include using Terminal Services Administrative tools and managing and troubleshooting print queues. You'll also learn how to use the Remote Desktop group and about the limitations in an Active directory environment.

## Wednesday, March 28

### **W5** MCSA: VISTA ADMINISTRATION 8:30 - 10:00 a.m. Bruce Rougeau

Every MCSA needs to get ready to deploy and administer Microsoft's newest operating system "Vista." This course is designed to familiarize you with the new interface and how you'll have to configure and administer the Vista OS.

### **W11** MCSA: TCP/IP CONFIGURATION AND DHCP ISSUES 10:15 - 11:45 a.m. Bruce Rougeau

Learn how to configure TCP/IP, manage and troubleshoot DHCP leases, Relay Agents, databases, scope options, server options and reservations. You'll also troubleshoot APIPA addressing and TCP/IP configuration issues.

### **W17** MCSA: DNS CONFIGURATION AND TROUBLESHOOTING 2:30 - 4:00 p.m. Bruce Rougeau

You can't be an effective administrator if you don't understand name resolution — specifically DNS. Learn the ins and outs of DNS, configuring DNS server options, zone options, DNS forwarding, and monitoring and troubleshooting DNS.

## Thursday, March 29

### Th5 MCSA: CONFIGURING ROUTING AND REMOTE ACCESS 8:30 - 10:00 a.m. Bruce Rougeau

Secure, efficient remote access is becoming more critical in these days of telecommuting. In this session, you'll learn all about configuring and troubleshooting remote access, including routing and remote access.

### Th11 MCSA: TROUBLESHOOTING RAS POLICIES AND CAPTURING PASSWORDS WITH NETWORK MONITOR 10:15 - 11:45 a.m. Bruce Rougeau

RAS policies can be tricky to implement. Here, you'll learn about the various settings and see a live demo exploring several variations. You'll also leave knowing how to go home and start sniffing your local networks with Microsoft's complimentary Network Monitor. You'll learn how it works and how to use it to monitor and troubleshoot network issues.

### Th17 MCSA: ROLE-BASED SECURITY AND SECURITY TEMPLATES 2:15 - 3:45 p.m. Bruce Rougeau

Security means different things to different people. In this course, you'll go through the different types of servers and discuss the various security measures you can take for each. Then you'll learn how to use GPOs and security templates based on computer roles to configure Registry and file permissions, account policies, audit policies, user rights, security options and system services. You'll also cover deploying templates using GPOs and scripting.

### Th23 MCSA: WEB SERVICES AND SERVICE PACK AND HOTFIX ASSESSMENT AND DEPLOYMENT 4:00 - 5:30 p.m. Bruce Rougeau

Every MCSA should be able to install and configure an IIS server. In this session, you'll learn how to install IIS, create virtual direc-

ories, explore IIS 6.0 architecture, set security parameters and set up IIS for self-monitoring. You'll also learn how to make IIS more functional by enabling features disabled by default.

## Thursday Night, March 29

### MCSA: 70-290 EXAM PREP 8:30 - 10:00 a.m. Bruce Rougeau

This session will cover the official Microsoft questions for the 70-290 Managing and Maintaining a Windows Server 2003 Environment exam. You'll go through each test objective by covering questions from Microsoft Readiness and Review materials.

## Friday, March 30

### F5 MCSA: IPSEC SECURITY PRINCIPLES 8:30 - 10:00 a.m. Bruce Rougeau

Learn how to increase security using IPsec, which IPsec mode to use, how to select an authentication method, and how to configure IPsec authentication, encryption level and the appropriate IPsec protocol. You'll also get into troubleshooting IPsec with IP Security Monitor and IPsec logging and learn how to plan and implement security for wireless networks.

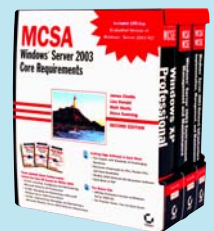
### F11 MCSA: CERTIFICATE STRATEGY AND PLANNING 10:15 - 11:45 a.m. Bruce Rougeau

Finish your week-long training with a discussion of planning, implementing and managing certificates. Learn how to deploy, manage and configure SSL certificates for wireless networks, plan and configure authentication, plan for digital signatures, install and configure Certificate Services, plan a multi-level certificate authority (CA) hierarchy, and archive and recover keys and revoked certificates. You'll also learn how to back up and restore your CA.

#### MCSA: Windows Server 2003 Core Requirements

(70-270, 70-290, 70-291), 2nd Edition By James Chellis, ISBN: 0-7821-4452-7  
(\$119.97 retail, \$65 for TechMentor attendees, courtesy of Sybex/Wiley)

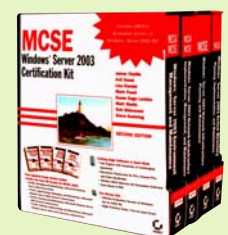
- Includes the two Study Guides: MCSA/MCSE Windows Server 2003 Network Environment Management and Maintenance Study Guide (70290), and MCSA/MCSE Windows Server 2003 Network Infrastructure Implementation, Management and Maintenance Study Guide (70291)
- As well as one additional backlist Study Guide: MCSA/MCSE Windows XP Professional Study Guide, Third Edition (70270), 078214412-8, Paper/CD
- Plus two bonus CDs featuring an evaluation version of Windows Server 2003 and two additional bonus exams for each title.



#### MCSE: Windows Server 2003 Certification Kit

(70-290, 70-291, 70-293, 70-294) 2E By James Chellis, ISBN: 0-7821-4453-5  
(\$159.96 retail, \$85 for TechMentor attendees, courtesy of Sybex/Wiley)

- MCSA/MCSE Windows Server 2003 Network Environment Management and Maintenance Study Guide (70290)
- MCSA/MCSE Windows Server 2003 Network Infrastructure Implementation, Management, and Maintenance Study Guide (70291)
- MCSA/MCSE Windows Server 2003 Network Infrastructure Planning and Maintenance Study Guide (70293)
- MCSA/MCSE Windows Server 2003 Active Directory Planning, Implementation, and Maintenance Study Guide (70294)
- Plus two bonus CDs featuring an evaluation version of Windows Server 2003 and 300 additional practice test questions



# MCSE – Microsoft Certified Systems Engineer Track

The Microsoft Certified Systems Engineer (MCSE) credential is one of the highest certifications you can hold from Microsoft. It proves that you know the Microsoft operating systems like few others, and that you understand how to manage a real production Microsoft network. Without these credentials, your resume will be immediately overlooked. If you want to learn about every area covered on the MCSE exams, this track is for you. The MCSE track is led by well-known author and speaker Derek Melber. The track covers the finer points, tips, tricks, best practices and fundamental knowledge needed to be successful on the exams and back at the office. The week-long session is intense and you will be exposed to in-depth sessions on each of the areas covered by the exams. **Red Bull optional: whining or crying not allowed!**

TechMentor does NOT guarantee that you will obtain a certification after completing the certification tracks. You will be taught the test objectives, but successfully passing the tests involves more than just this training.

## Monday, March 26

### **M6** MCSE: MANAGING DESKTOP AND SERVER DEVICES 12:30 - 2:00 p.m. Rhonda Layfield

What is more important to the performance of your servers than their hard drives? Learn the difference between basic and dynamic disks and how to convert from basic to dynamic. Installing new drivers can have undesired results, so you'll also learn how to rollback to the previous driver with no fuss, no muss and no unwanted registry entries. Driver signing can help warn you about drivers that aren't signed by trusted sources, so you'll find out exactly what driver signing can do for you. You'll also learn how to restrict users' storage space at the folder level with R2's new Quota Management. Finally, we'll take a look at the disk defragmentation process and removable drives.

### **M12** MCSE: MANAGING FILES, FOLDERS, PRINTERS, REGISTRY AND ACTIVE DIRECTORY OBJECTS 2:15 - 3:45 p.m. Derek Melber

At the core of every network is a sea of resources: files and folders; local and networked printers; Registry values and Active Directory Objects. All of these resources have NTFS permissions and some can be shared on the network. Understanding how users access these resources is essential to ensuring they are available at all times. It's also important to know how to establish auditing for each of these objects, as network admins and auditors alike need to know who is accessing the resources. Windows Server 2003 adds new functionality, including Access Based Enumeration (ABE) and Encrypting File System (EFS). If you miss the key changes with EFS, you've missed one of the best improvements in Windows Server 2003.

### **M18** MCSE: LEVERAGING RAS, TERMINAL SERVICES AND REMOTE DESKTOPS 4:00 - 5:30 p.m. Rhonda Layfield

In today's mobile world, your users need to access their data and applications from home or on the road. In this session, we'll delve deep into RRAS, configuring your RRAS servers to be as secure as possible using RAS policies that may seem a little confusing at first glance. You'll realize how simple they really are, and learn the difference between the two Terminal Services modes: application and administration. When your users need help on their laptops, how can you connect to provide them technical support regard-

less of where they are? Remote Desktop and Remote Assistance are two options, so you'll also learn how to enable and use them properly. Lastly, we'll look at MMC technology and how you can leverage the Adminpak for remote administration.

## Tuesday, March 27

### **T6** MCSE: MANAGING DNS IN AN ACTIVE DIRECTORY ENVIRONMENT 8:30 - 10:00 a.m. Rhonda Layfield

DNS is possibly the most important technology in your environment. Without it, Active Directory fails to work and your users can't access the Internet. This session will walk you through DNS from start to finish. We will begin with DNS zone types, resource records and how to secure them. You'll also see demonstration of DNS's more advanced features, such as forwarding, conditional forwarding, stub zones, round robin and netmask ordering. The session will also cover the relationship between DNS and AD. Finally you'll learn how to troubleshoot service locator records.

### **T12** MCSE: CONTROLLING USERS AND GROUPS FOR ACTIVE DIRECTORY 10:15 - 11:45 a.m. Derek Melber

At the core of your Active Directory environment are users and groups. These objects are key to authentication, resource permissions, email and more. Each of these objects has their own unique characteristics you have to understand in order to properly configure them. For users, it's important to understand all of the different profile types, as well as the options for controlling the user profile. You also need to understand the File and Settings Transfer Wizard, User State Migration Tool, AD Migration Tool and more. Groups also have their own unique characteristics you must understand to properly permission resources. This session will cover all of these details and more.

### **T18** MCSE: MANAGING AND CONFIGURING NETWORK PROTOCOLS 1:00 - 2:30 p.m. Chris McCain

What good is a network that can't communicate? In this session, we'll start off with an easy, efficient and practical method of IP subnetting. We will look at a real life IP addressing scenario and see how to design and implement an IP address architecture to meet an organization's infrastructure needs. With the IP addressing in place, we'll dig into the implementation of DNS and DHCP within the network infrastructure. Once the design is in place, we'll also cover some easy ways to manage, monitor and troubleshoot the IP addressing and network protocols.

### **T24** MCSE: UNDERSTANDING NETWORK SECURITY FOR ACTIVE DIRECTORY 2:45 - 4:15 p.m. Chris McCain

All business networks revolve around the implementation of Active Directory, while all IT jobs revolve around security in one way or the other. In this session, we will take a look at some of the ways to bring these two concepts together when implementing a secure Active Directory environment. From data integrity methods like SMB signing to the industry standard data encryption of IPSec, we'll look at the various options for protecting the traffic moving across your AD network. We will also cover securing authentication protocols and anonymous connections.



## Wednesday, March 28

### **W6** MCSE: IIS AND WEB SECURITY 8:30 - 10:00 a.m. Chris McCain

You'd be hard pressed to find a network that doesn't have some reliance on Web technologies — specifically Microsoft Internet Information Services (IIS). Applications like SQL Server 2005 Reporting Services and Microsoft Office SharePoint Server 2007 use IIS as a foundation for their application architecture. Windows Server 2003 provides IIS 6.0 as an add-on component to support Web based protocols and products. In this session, you'll learn the basics of implementing IIS 6.0 and the intricacies of securing your deployment through Web Application Pools, Web Service Extensions and more.

### **W12** MCSE: UNDERSTANDING ACTIVE DIRECTORY COMPONENTS AND STRUCTURE 10:15 - 11:45 a.m. Derek Melber

Developing a full understanding of Active Directory is a quest to learn both the terminology and the structural components. This session will cover both, starting with key concepts, then moving on to the structural components of AD and how they work together. Nothing will be left untouched — including domains, trees, forests, sites, trusts, organizational units (OUs) and more. Without a core understanding of how AD works and how it should be designed, you'll never be successful on any of the MCSE exams dealing with AD. Here's where you can get all the answers.

### **W18** MCSE: DESIGNING ACTIVE DIRECTORY 2:30 - 4:00 p.m. Derek Melber

Designing the intricate details of Active Directory can make or break your company's success. There are many details that need attention when you design your Active Directory enterprise. First, you need to establish a solid Site topology, including all the fine details related to Sites. Then, you have to consider the placement of all the key servers that will support Active Directory. A final step is to ensure that all the Active Directory related roles, such as Global Catalog, FSMOs, Universal Group Caching and replication, are properly located. We'll also discuss the proper methods to secure your domain controllers, account policies and authentication protocols.

## Thursday, March 29

### **Th6** MCSE: MANAGING AND MONITORING WINDOWS AND ACTIVE DIRECTORY PERFORMANCE 8:30 - 10:00 a.m. Rhonda Layfield

Monitoring your servers on a consistent basis can help you keep them running at peak performance and head off issues before they affect your users. Fortunately, you have a lot of tools at your disposal. This session will cover Task Manager, System Monitor (aka Performance Monitor), WSUS, Microsoft Baseline Security Analyzer, Event Viewer and more.

### **Th12** MCSE: UNDERSTANDING GROUP POLICY SETTINGS AND PROCESSING 10:15 - 11:45 a.m. Derek Melber

Group Policy Objects can be complex to understand, design and implement. This session will cover the key aspects of Group Policy

Objects, including GPO precedence, delegation, enforcement, blocking policy inheritance, GPO filtering and more. You'll look at the key aspects of Group Policy settings, including security controls, logon and authentication components, software restrictions, desktop standardization and even software distribution.

### **Th18** MCSE: GROUP POLICY MANAGEMENT AND ARCHITECTURE 2:15 - 3:45 p.m. Derek Melber

Welcome to the next level. This session will take you on a tour of advanced GPO techniques and tasks. You'll create and incorporate custom GPO settings with ADM templates and new security configurations from the ground up. You'll use security templates to secure a group of computers then ensure the computers always get these settings. You'll also learn how to use the new features of GPMC to delegate control of all aspects of GPO management.

### **Th24** MCSE: ACTIVE DIRECTORY AND SERVER DISASTER RECOVERY AND BACKUPS 2:45 - 4:15 p.m. Chris McCain

Lose a domain controller? Make a bad change to Active Directory? What do you do when things go bad? You panic if you haven't prepared properly. You can relax, though, if you've followed a good business continuity plan. This session will show you how to build an Active Directory environment that helps remedy those inopportune and unfortunate incidents that could result in significant downtime and hours of administrative effort. We'll cover topics like System State backups and restores, Active Directory recovery sites, tombstoning, the Recovery Console and more.

## Friday, March 30

### **F6** MCSE: SECURING WINDOWS WITH PKI AND CERTIFICATES 8:30 - 10:00 a.m. Chris McCain

Enterprises that need to take network security to the highest level of protection look to Public Key Infrastructure (PKI) as a means of implementing secure authentication and encryption technologies like Smart Cards and IPSec. In this session, you'll learn how Windows Server 2003 can ease PKI deployment. We'll look at building a PKI hierarchy with multiple Certification Authorities, certificate deployment with Active Directory, deploying smart cards, Version 1 and Version 2 certificates, and archiving and recovering keys.

### **F12** MCSE OVERVIEW AND REVIEW 10:15 - 11:45 a.m. Derek Melber

Do you still have burning questions about Microsoft technologies, the exams or the exam process? This is the time for those questions. We'll open up the floor to your questions, and guide you through some summary activities that will help you solidify what you've learned during the week. We'll review some of the finer points of the exams, including sample questions from each key section. We'll closely examine archived Microsoft questions to give you a clear understanding of the type of questions you'll be up against when you take the exams. As they say, "There are no stupid questions," so bring them all to this session.

# Registration and Travel Information



## Conference Venue & Hotel

**Hilton in the Walt Disney World Resort**  
1751 Hotel Plaza Blvd.  
Lake Buena Vista, FL 32830  
Phone: 407.827.4000

The Hilton Walt Disney World has reserved a special room rate of \$172 single/double (plus a \$9.95 resort fee per night) for TechMentor and TechPartner Conference attendees. The hotel is located across the street from Downtown Disney. Your Hilton stay includes:

- In room internet access
- Complimentary admission to the Health Club
- Complimentary local calls up to 60 minutes
- Late check-out up to 1:00pm, subject to availability
- Continuous transportation to the Walt Disney World Theme Parks

Attendees must book their accommodations by February 25, 2007, to receive the discount. After that date regular room rates will apply. Rooms at the special rate are available from March 22 through April 1, 2007, based on availability. To make reservations, call 1.800.782.4414 and mention the TechMentor conference to receive your discount.

**American Airlines** is offering discounts to TechMentor attendees for travel to Orlando between March 23 and April 2, 2007. Mileage members can receive credit for all American miles flown to attend this conference. To take advantage of these discounts, please call toll-free, or have your travel agent call: American Airlines: 1.800.433.1790, reference number #A8937AT. To book your discounted ticket online go to [www.aa.com](http://www.aa.com) and use the discount reference number above as the [aa.com](http://www.aa.com) discount code.

**Avis Rent-a-Car** is offering a discount on car rental for TechMentor attendees. To receive the discounted rates, call Avis at 1.800.331.1600 and use the Avis Worldwide Discount (AWD) number D005872 or go to [TechMentorEvents.com/hotel](http://TechMentorEvents.com/hotel) and follow the link to make your reservation online.

## Registration Questions

Phone: 1.800.280.6218 (8:00am - 5:00pm PST)  
Email: [TMREG@continue.uoregon.edu](mailto:TMREG@continue.uoregon.edu)  
Web: [TechMentorEvents.com](http://TechMentorEvents.com)

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## TechPartner Registration

Each attendee will have access to:

- All TechPartner Courses
- Keynotes
- Exhibit Hall
- Reception
- Lunches (Wednesday & Thursday)
- Networking events
- Conference bag
- Printed course notes (for registered courses only)

**Early Bird Price** (By February 23) **\$699**

**Regular Price** (After February 23) **\$899**

## TechMentor Registration

Each attendee will have access to:

- All TechMentor Courses
- Keynotes
- Microsoft Live
- Exhibit Hall
- Receptions
- Consulting Hour with Instructors
- Networking Events
- Lunches and Morning Pastries
- Conference Bag
- T-shirt with Completed Survey
- Printed Course Notes (for registered courses only)
- CD of All Course Notes (excludes Crash Course notes)

**Early Bird Price** (By February 23) **\$1,499**

**Regular Price** (After February 23) **\$1,699**

## Pre- and Post-Conference Crash Courses

**Early Bird Price** (By February 23) **\$225**

**Regular Price** (After February 23) **\$275**

## Group Discounts

When you register 4-9 colleagues from the same company, each attendee pays only \$1,299 per person. Register 10 or more for only \$1,199 per person. To register your group for TechMentor or for information on TechPartner group pricing, call Sara Ross at 972.506.9027 or email at [sross@1105media.com](mailto:sross@1105media.com).

## Alumni Discount

We value our alumni! Attendees of any TechMentor Event from 2001-2006 qualify to receive a \$100 discount. Combine this discount with Early Bird registration for a savings of \$300. To qualify for the discount please include which conference you attended. This discount does not apply to TechPartner registration or any group pricing.

## Attendee Networking Forum

Network with your peers before the conference begins. Check the "Attendee Networking Forum" box when you register and we'll send you an e-mail with attendee contact information about a week before the event. It's a great way to start networking before you arrive in Orlando.

## Refund and Cancellation Policy

Registration is transferable with written authorization. Cancellations must be in writing and postmarked before the cancellation deadline. Cancellations must be made by February 23, 2007 and will be subject to a \$250 cancellation fee. Cancellations made after February 23, 2007 as well as "no shows" are liable for the full registration fee.

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 Last Name \_\_\_\_\_  
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\*Your email address is used to communicate with you about conference registration.

Vendor Marketing Code \_\_\_\_\_  
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**Attendee Networking Forum** — Yes, I want to participate in pre-conference networking via email.

## PROGRAM SELECTION

- TechMentor Conference**  
**\$1,499** (Before February 23), **\$1,699** (After February 23)  
 Select Track:  
 Exchange/SQL  
 MCSA  
 MCSE  
 Scripting  
 Security  
 Troubleshooting

**Microsoft Live** - Included with TechMentor registration

- Pre- and Post-Conf Crash Courses**  
**\$225** (Before February 23), **\$275** (After February 23)  
 **CC1** - VMWare Virtual Infrastructure Crash Course  
 **CC2** - Vista Security Crash Course  
 **CC3** - VBScript Crash Course  
 **CC4** - Troubleshooting Group Policy, Including Vista Group Policy Technology Crash Course  
 **CC5** - Citrix CCA Crash Course  
 **CC6** - Windows PowerShell Crash Course  
 **CC7** - Windows Vista and XP Desktop Security and Management Crash Course

**TechPartner Conference**  
**\$699** (Before February 23), **\$899** (After February 23)

## COURSE SELECTIONS

After receiving your email confirmation code, you may go online and select the breakout courses you are interested in attending. If you are a TechMentor attendee, you may attend ANY course in any track offered at TechMentor as long as space permits. TechPartner attendees may attend any course that is a part of TechPartner. Many courses sell out. Please register and select your courses early.

## ADDITIONAL OPTIONS

- Ultimate USB Security Stick - \$199**  
 (Required for Security Track sessions: M2, M8, M14, T2, T14, T20)  
 **MCSA:Windows Server 2003 Core Requirements**  
 (70-270, 70-290, 70-291), 2nd Edition, Sybex/Wiley - **\$65**  
 (50% off list; strongly recommended for MCSA Track)  
 **MCSE: Windows Server 2003 Certification Kit**  
 (70-290, 70-291, 70-293, 70-294) 2nd Edition, Sybex/Wiley - **\$85**  
 **\$100 Alumni Discount:**  
 Previous TechMentor event attended in 2001-2006:  
 City \_\_\_\_\_ Date \_\_\_\_\_  
 **Group Registration:** please call Sara Ross at 972.506.9027 to register.

## PAYMENT

**TOTAL FEE** \_\_\_\_\_

- Check enclosed (payable to 1105 Media, in U.S. dollars drawn on a U.S. bank)  
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To confirm your registration, a guarantee of payment is required. Remit check or credit card. If you need an invoice please call 800.280.6218 or email TMREG@continue.uoregon.edu. To pay by purchase order, please include a copy of your P.O. with your faxed or mailed registration. Registration fees must be paid in full before the start of the event.

## HOW TO REGISTER

- Online:** TechMentorEvents.com  
**Phone:** 1.800.280.6218 (8:00am - 5:00pm PST)  
**Fax:** 1.541.346.3545  
**Mail:** TechMentor Registration  
 1277 University of Oregon  
 Eugene, OR 97403-1277  
**Onsite:** You may register for the conference onsite. However space is limited and admission cannot be guaranteed.

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