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A Message from Greg Shields

TechMentor conference chair

Another year passes, and with it comes more knowledge you need for career success. You know that attending a live conference remains the best way to stay on top in our ever-changing IT industry. At TechMentor you'll learn to build a more productive and better automated IT environment. But only here will you do it using the technologies right at hand. That's the TechMentor mission: Giving you immediately usable training you can implement the moment you return home.

My name is Greg Shields and I'm excited once again to be your TechMentor Conference Chair. Let me be the first to thank you for making our little conference your big priority! Get excited, because we've put together our best program yet to prep you for immediate impact on your current IT challenges.

The TechMentor experience is unique in the IT conference world. We're not big, and you're not anonymous. Attending TechMentor is more like a small-group mentoring experience on real-world issues, not an auditorium-sized showcase of bleeding-edge products out of your reach. Only at TechMentor do you get one-on-one access to today's top IT trainers. With them, you'll learn a lot and have a little fun along the way.

For some of us, the hard part is in getting the approval to go. Let us help you out! Check out the next page for our top ten reasons why attending TechMentor is the smartest use of your training dollars.

TechMentor is indeed a conference like no other. Tight-knit, high-energy, unparalleled training, all with the world's most experienced presenters. We guarantee no boring sessions at our show, so prepare for an experience you won't soon forget. That's why so many of our attendees keep coming back year after year.

See you in Vegas!

Greg Shields

TechMentor Conference Chair

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Reasons to Attend

1 BOOST YOUR BRIAN POWER

Brush up on your IT skills with our 50+ sessions from 8 focused tracks. Mold your customized agenda from our five day program of intense IT training. Take your pick from today's hot topics including application delivery, wireless security, MCITP certification, Microsoft Exchange, PowerShell and more!

2 LEARN POWERSHELL IN 2 DAYS

Join Microsoft MVP Don Jones for his 2 day, PowerShell training track. Attend these three sessions and his monday tutorial and you'll leave with the Windows' command prompts you need to become a PowerShell expert.

3 GET CERTIFIED WITH MCITP BOOT CAMP

Join MCITP exam expert, Bruce Rougeau, for this newly expanded track with over 10 in-depth sessions. You'll explore all the topics you need to ace those critical exams.

4 NOT ONE, BUT TWO

Join us for two featured keynote presentations from today's leading IT experts. Mark Russinovich returns to TechMentor to discuss how Sysinternals tools can solve your toughest IT problems. Then, Mark Minasi will deliver his take on what Microsoft needs in the next Windows.

5 BYE BYE SALES PITCHES

Sales pitches have no place in the world of TechMentor. We only allow unbiased, technical training from 14 of today's most renowned and experienced IT experts.

6 HEAR IT FROM THE EXPERTS

When you need to uncover solutions to your problems, you come to TechMentor! Gain access to the expertise of IT veterans dedicated to helping you solve your hardest problems. You'll walk away with solutions to your everyday IT problems which you can implement immediately within your organization.

7 SUPERCHARGE YOUR IT INVESTMENT

Want to rev up the investment you already have? Combat inefficiency in your organization by attending TechMentor Las Vegas. Take away ideas and strategies to help save your company time and money.

8 DON'T GET LEFT BEHIND

Join your fellow IT colleagues to get educated on current trends and best practices using focused discussions, exercises, tutorials, and more. Gather at sponsored networking events with your peers who can lend insight and experience as to what's working and what's not.

9 MASTERING VMWARE VSPHERE

Join veteran conference speaker David Davis to uncover the complexities of VMware vSphere. Learn the most powerful tips and tricks about virtualization and how to apply them to your IT enterprise operations. Learn what your options are, how to protect your assets, the best tools for administration and much more!

10 THE BEST OF THE BEST

Don't miss your calling to learn extraordinary insights from IT experts including Microsoft Program Manager Christa Anderson, security expert Todd Lammle, TechMentor Conference Chair Greg Shields and more !

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Keynote Speakers

Mark Russinovich

Zero Day Malware Cleaning with the Sysinternals Tools

Tuesday, October 11   8:00 a.m. – 9:00 a.m.

Mark rejoins TechMentor this fall to deliver a gripping keynote on how Sysinternals tools can solve the hardest problems in IT. With no small amount of excitement, Mark will deepen your relationship with old friends like Process Monitor, Process Explorer, and Autoruns, among others. Focusing on their usefulness for malware analysis and removal, Mark will show how to use these tools for deep inspection and control of processes, file system and registry activity, and autostart execution points. He'll demonstrate their malware-hunting capabilities by presenting several real-world cases where he himself used the tools to identify and clean malware. But that's not all. He won't conclude without an exciting and live analysis of a Stuxnet infection and the horrific system impact it can bring.

A Mark Russinovich keynote for TechMentor is a rare treat you won't want to miss. If malware and its treatment are part of your job, or if you're just curious about the man behind the Windows, you mustn't miss kicking off this year's TechMentor with a keynote by the world renowned Mark Russinovich.

Mark Minasi

How Windows Can Win: What Microsoft Needs in the Next Windows

Thursday, October 13 8:00 a.m. – 9:00 a.m.

Windows 7 and Server 2008 R2 are out and have been for nearly two years, but much of the world still uses "Windows 5.5" -- XP and Server 2003, and yet rumor has it that we'll see another version of Windows in 2012.

Given buyers' current choice to adopt new versions of Windows slowly or not at all is a new Windows a good idea or a bad one? And, more important, if a new Windows COULD revivify the market, what would it need to include? In this wide-ranging talk, veteran Windows watcher, 25-year columnist and bestselling author Mark Minasi presents his take on what the next Windows needs more of AND what that version of Windows needs LESS of. Come for the laughs, but stay for the insights!

> **" The advanced troubleshooting was excellent – I'm excited to get back to work using these new tools! "**
>
> *~2010 TechMentor Attendee*

> **" I am relatively new to AD & Exchange. The knowledge gained at TechMentor will allow me to be more independent. We are a not-for-profit organization, so becoming less dependent on outside sources is beneficial to our community. "**
>
> *~David Hansen, Sharon S. Richardson Community Hospice*

Events & Activities

TechMentor is about more than fantastic speakers delivering life-changing insights. At our reception and lunches, you can meet and greet our speakers and your fellow attendees.

Geek Out at Heart Bar

Monday, October 10   **5:00 p.m. - 6:30 p.m.**
Heart Bar at Planet Hollywood

Join some of your favorite speakers including J. Peter Bruzzese, Don Jones, John O'Neill, Greg Shields and more for an evening of contacts, cocktails and conversation.

This stimulating event will provide an opportunity to interact, exchange ideas and socialize in a casual atmosphere while enjoying the creations of Heart Bar's talented mixologists. This is a "no-host" event but you will receive a 2 for 1 drink voucher as you arrive at Heart Bar.

TechMentor Reception

Tuesday, October 11   **5:15 p.m. - 7:00 p.m.**

On Tuesday evening, all conference attendees are invited to attend the TechMentor Las Vegas conference reception. This is a great opportunity to meet your fellow conference attendees and speakers, network with sponsors, exhibitors, and enjoy complimentary drinks and hors d'oeuvres.

Hot Topics Lunch

Wednesday, October 12   **12:15 p.m. - 2:30 p.m.**

Join other attendees and speakers for stimulating discussions on a wide variety of topics:

• Certification or Experience – which is better?
• Hosted Email Services – Would you do it?
• TechMentor vs. TechEd – Best Training for My Job?
• Google Apps: Office Replacement?
• Anti-Virus clients: A Future without them?
• What's your Favorite PowerShell Cmdlet?
• Triple Monitor vs. Double Monitor – What's your Hardware?
• Worst IT Product You Can Buy?
• Best IT Training: Nuggets, Clips, or Live?
• Convince Me Systems Center is the right idea!

One-on-One Consulting

October 10-14

No prima donnas here! Our expert instructors make themselves available between sessions, at lunch, and during the conference events – get answers to your specific questions.

Reserve your room at the Planet Hollywood Resort & Casino!

Rock bottom room rate of only $129!
Sure, you're going to TechMentor Las Vegas for advanced education and networking—and you'll get it! But, all work and no play is not what TechMentor is all about. With all conference sessions and events located at the Planet Hollywood Resort & Casino, you won't miss out on any of the adventure that Las Vegas has to offer.

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Reservations

Secure your special TechMentor room rate of **$129 per night for single/double occupancy.**

Book your room by September 15, 2011 and mention you are a TechMentor conference attendee to lock in this exclusive rate. Reserve your stay online at: http://www.harrahs.com/CheckGroupAvailability.do?propCode=PHV&groupCode=SMTEM1 or call 1.888.746.6955

Complete Conference & Hotel Package
If you select the Complete Conference & Hotel Package when registering, a hotel room at the Planet Hollywood Resort & Casino will be reserved for you.

About the Planet Hollywood Resort & Casino
Inside Planet Hollywood, you'll find nearly three acres of casino action, including all your favorite slots, table games and The Playing Field Race and Sports Book. You'll also enjoy extraordinary cuisine from the numerous restaurants featured at Planet Hollywood Resort & Casino including the world famous Pink's Hot Dogs!

Air Travel Discounts

American Airlines is offering discounts to TechMentor attendees for travel to Las Vegas between October 7 and October 17, 2011. Mileage members can receive credit for all American miles flown to attend this conference. Please call toll-free, or have your travel agent call: American Airlines: 1.800.433.1790, reference number #83H1BE. Book your discounted ticket online at www.aa.com and use the discount reference number above as the aa.com promotion code.

Car Rental Discounts

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 click here to make your reservation online.

Discover Las Vegas

Visit www.visitlasvegas.com for information on places to visit and things to do in Las Vegas, Nevada.

> **" I enjoy attending the TechMentor event more than Tech Ed or Win Connections. Real "trenches" representatives willing to share their experiences. "**
>
> *~Tim Tyree, Ready Creek Improvement Dept.*

AGENDA

TIME	Pre-Conference Tutorials —Monday, October 10, 2011 (Separate Entry Fee Required)		
1:00 PM – 5:00 PM	PRE1 - Four Hours of the Very Best Windows 7 Tips, Tricks, and Tools on Earth! - J. Peter Bruzzese	PRE2 - W7 Deployment Deep Dive: Windows Deployment Services Tricks You Didn't Know HANDS-ON - Greg Shields	PRE3 - Learn PowerShell: Don Jones' Windows PowerShell Core Skills Tutorial - Don Jones

Conference Day 1 —Tuesday, October 11, 2011

TIME				
8:00 AM – 9:00 AM	Keynote: Zero Day Malware Cleaning with the Sysinternals Tools – Mark Russinovich, *Technical Fellow, Windows Azure Product Team, Microsoft Corporation*			
9:15 AM – 10:30 AM	TU1 - Tips, Tricks, Tools, and Techniques for Enterprise iPad - John O'Neil	TU2 - W7 Deployment Deep Dive: Using Task Sequences to Completely Automate Windows 7 Deployment HANDS-ON - Greg Shields	TU3 - Learn PowerShell: Real-World Win7 and Win2008R2 Admin Tasks in Windows PowerShell - Don Jones	TU4 - Designing High Availability into Microsoft Exchange - J. Peter Bruzzese
10:45 AM – 12:00 PM	TU5 - Power Up the Help Desk for Supporting Remote Users - John O'Neil			TU6 - Smart Tricks and Big Gotchas in Virtualizing Microsoft Exchange - J. Peter Bruzzese
2:30 PM – 3:45 PM	TU7 - Android in the Enterprise - John O'Neil	TU8 - W7 Deployment Deep Dive: Building a Deployment USB Stick HANDS-ON - Greg Shields	TU9 - Learn PowerShell: Windows PowerShell Remoting and Background Jobs - Don Jones	TU10 - How Microsoft Does IT: Tales from the Trenches - Laura Hunter
4:00 PM – 5:15 PM	TU11 - How to Recover from a Malware Attack using W7's Free Tools - Mathew Parks	TU12 - W7 Deployment Deep Dive: Real-World Windows Deployment Issues & Resolutions DISCUSSION - Greg Shields	TU13 - Learn PowerShell: Scripting and Modularization in Windows PowerShell - Don Jones	TU14 - Showdown Active Directory: How Does Yours Stack Up to Microsoft's? - Laura Hunter

Conference Day 2 —Wednesday, October 12, 2011

TIME				
8:00 AM – 9:15 AM	W1 - Do You Need VDI? Determining Your Virtualization Decision Tree - Christa Anderson	W2 - W7 Deployment Deep Dive: Packaging Software for Automated Deployment - Greg Shields	W3 - Tips & Tricks for Restricting Devices from the Corporate Network - Mike Danseglio	W4 - MCITP Boot Camp: Active Directory Fundamentals - Bruce Rougeau
9:30 AM – 10:45 AM	W5 - Best Practices in Delivering Applications to Mobile Workers: Tools you Already Have - Christa Anderson	W6 - W7 Deployment Deep Dive: Automating User Data Migration from Old Desktop to New - Greg Shields	W7 - Preventing Attacks from Employee Home Wireless Networks - Mike Danseglio	W8 - MCITP Boot Camp: Group Policy Objects - Bruce Rougeau
11:00 AM – 12:15 PM	W9 - A Practical Guide to Remote Desktop Services Internals - Christa Anderson	W10 - W7 Deployment Deep Dive: How To Resolve (Nearly) Every Application Incompatibility - Greg Shields	W11 - Wireless Mobile Networks: What you Must Know about Mobility in Motion - Todd Lammle	W12 - MCITP Boot Camp: Read-Only Domain Controllers - Bruce Rougeau
2:30 PM – 3:45 PM	W13 - BE A CONFERENCE SPEAKER! (TBD)	W14 - Mastering vSphere: Troubleshooting and Solving vSphere's Biggest Problems…FAST! - David Davis	W15 - Todd Lammle Shares his Best Wireless Security Secrets - Todd Lammle	W16 - MCITP Boot Camp: Certificate Services & AD Additional Services - Bruce Rougeau
	W17 - Customizing and Rapidly Deploying Office 2010 with Free Tools - James Conrad		W18 - Ipv6 for the Reluctant: What to Know Before you Turn it Off! - Todd Lammle & Mark Minasi	W19 - MCITP Boot Camp: Exam Prep 70-640, Active Directory, Configuring - Bruce Rougeau

Conference Day 3 —Thursday, October 13, 2011

TIME				
8:00 AM – 9:00 AM	Keynote: How Windows Can Win: What Microsoft Needs in the Next Windows Mark Minasi, *IT Consultant, Author, Speaker, MR&D*			
9:15 AM – 10:30 AM	TH1 - Putting an End to Performance Bottlenecks with Perfmon and PAL - Bruce Mackenzie-Low	TH2 - Mastering vSphere: Protecting your Virtual Assets with vSphere Backup, High Availability, and Disaster Recovery - David Davis	TH3 - Easy Steps for Enabling Portable Data Security: Laptops, USB Drives, and More - Mike Danseglio	TH4 - MCITP Boot Camp: Remote Desktop Services & Application Provisioning - Bruce Rougeau
10:45 AM – 12:00 AM	TH5 - Identifying & Resolving Application Crashes and Hangs - Bruce Mackenzie-Low		TH6 - Dangerous Documents: Identifying and Protecting Data from Malware - Mike Danseglio	TH7 - MCITP Boot Camp: Planning for Server Deployment Part 1 - Bruce Rougeau
1:15 PM – 2:30 PM	TH8 - Fixing the Biggest Problems with Printing and Print Servers - Bruce Mackenzie-Low	TH9 - Mastering vSphere: VMware vCloud, Amazon EC2, & Microsoft Azure: Your Next Virtual Step - David Davis	TH10 - 10 Things You Didn't Know (and can Implement Immediately) About Windows Server 2008 R2 - Mark Minasi	TH11 - MCITP Boot Camp: Planning for Server Deployment Part 2 - Bruce Rougeau
2:45 PM – 4:00 PM	TH12 - Implementing BranchCache: The Free Tool that Speeds Your Network - James Conrad	TH13 - Mastering vSphere: The Best (Free!) Tools for vSphere Administration - David Davis	TH14 - Windows Power Tools Treasury: Best of the Power Tools - Mark Minasi	TH15 - MCITP Boot Camp: Monitoring and Managing Servers - Bruce Rougeau
4:15 PM – 5:30 PM	TH16 - How to Completely Control Every Application with Group Policy and GPPs - James Conrad	TH17 - Mastering vSphere: D52The VMware Certification Crash Course - David Davis	TH18 - The Network Files, Case #53: Diagnosing DNS Diseases - Mark Minasi	TH19 - MCITP Boot Camp: Exam Prep 70-646, IT Pro Server Administrator - Bruce Rougeau

TIME	Post-Conference Tutorials — Friday, October 14, 2011 (Separate Entry Fee Required)	
8:30 PM – 12:30 PM	POST1 - Using PowerShell to Bend R2's Active Directory to your Will - Mark Minasi	POST2 - MCITP Boot Camp: Windows Server Networking and Exam Prep 70-642, Network Infrastructure, Configuring - Bruce Rougeau

KEY

- **Discover Real-World Security Tactics for Servers and Wireless Networks**
- **Learn Windows PowerShell in 2 Days!**
- **An All New Focus on Windows Desktop Administration and Application Delivery!**
- **Learn the Secrets of How Microsoft Does IT!**
- **Get Certified with an Expanded 3-Day MCITP Boot Camp!**
- **Expand your Skills with VMware vSphere!**
- **Master Windows Server 2008 R2 and Exchange 2010**
- **Build a Production-Ready Windows 7 Deployment Solution!**

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TechMentor Las Vegas Conference Tracks:

AN ALL NEW FOCUS ON WINDOWS DESKTOP ADMINISTRATION AND APPLICATION DELIVERY - PG 16

You're tired of all the old content. Yet another session on server infrastructure topics you long ago mastered. Not here. At TechMentor, we're giving you the content you need. And today, that content centers around Windows desktop administration and the new approach some are calling "Application Delivery". With the industry's best speakers, including a few on the inside, you'll leave TechMentor with a right-sized approach to getting applications to your users…no matter where they are!

BUILD A PRODUCTION-READY WINDOWS 7 DEPLOYMENT SOLUTION - PG 09

You're through with testing and ready for deployment, but wait…how are you going to actually deploy Windows 7? Over the network? Via USB stick? Walking around with DVDs? You can learn about Windows 7 deployment with TechMentor's Greg Shields, but you demand more. Leave TechMentor with a fully-automated and ready-to-go deployment solution. You'll return to work and immediately get to work with the tools Greg gives you in this track.

LEARN WINDOWS POWERSHELL IN 2 DAYS - PG 11

Recognize the Power in PowerShell, but just haven't had the time to learn it? How about learning in it two solid days of training by the world's most-experienced PowerShell trainer, Don Jones? Sign up for TechMentor and leave with a command of Windows' next command prompt in this track.

MASTER WINDOWS SERVER 2008 R2 AND EXCHANGE 2010 - PG 19

TechMentor has long been about Windows Server and all about Exchange for just about as long. That's why Master of the Windows Server Mark Minasi and Exchange Guru-of-Gurus Peter Bruzzese come back for another year. You're familiar with Windows Server 2008 R2 and Exchange 2010, but are you a master? You'll get there with these expert speakers and their sessions on-deck for TechMentor Vegas.

LEARN THE SECRETS OF HOW MICROSOFT DOES IT - PG 21

Ever wondered if you're implementing Microsoft technologies correctly? Who better to tell you than Microsoft itself! That's why we're bringing in the experts, directly from Microsoft. These are the people responsible for actually implementing Microsoft's technologies in their own IT, and you can only hear their story at TechMentor. These are sessions you won't want to miss.

GET CERTIFIED WITH AN EXPANDED 3-DAY MCITP BOOT CAMP - PG 12

Champion of the not-yet-certified, Bruce Rougeau has long been helping IT Pros just like you get through those challenging tests. Last year, we gave him an entire track to do so. The only comment you gave us was, "We Want More!" So you're getting more, a lot more. This TechMentor introduces an all-new 3-day MCITP Boot Camp by beloved Bruce Rougeau. You'll leave with exactly the topics you need to prep for success on those critical exams.

DISCOVER REAL-WORLD SECURITY TACTICS FOR SERVERS AND WIRELESS - PG 22

Todd Lammle is a long-time TechMentor hero. He's been gone far too long. That's why we're bringing him back and joining him with security experts Mike Danseglio and Mark Minasi for real-world security sessions you absolutely can't miss. This year we bring back the heavy-hitters for the best security topics you absolutely need to know.

EXPAND YOUR SKILLS WITH VMWARE VSPHERE - PG 15

VMware vSphere is a complex topic. So, who better to expand your skills than expert trainer David Davis. Known for his unforgettable conference sessions at VMworld and his record-breaking video training series through TrainSignal, David joins TechMentor for the first time this year. You'll leave with the deepest dive yet on vSphere technologies, taught by the master.

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Las Vegas Content by Track

BUILD A PRODUCTION-READY WINDOWS 7 DEPLOYMENT SOLUTION!

You're through with testing and ready for deployment, but wait…how are you going to actually deploy Windows 7? Over the network? Via USB stick? Walking around with DVDs? You can learn about Windows 7 deployment with TechMentor's Greg Shields, but you demand more. Leave TechMentor with a fully-automated and ready-to-go deployment solution. You'll return to work and immediately get to work with the tools Greg gives you in this track.

Please Note: Attendance at Greg's "Hands-On" sessions requires a laptop with dual processors and a minimum of 4 GB of RAM. Attendance also requires the purchase of Greg's Windows 7 Deployment Solution Go-Stick. The Go-Stick is $70 and can be purchase on TechMentor's registration page.

PRE2 W7 Deployment Deep Dive: Windows Deployment Services Tricks You Didn't Know, HANDS-ON *Introductory*

Greg Shields
Monday, October 10   **1:00 p.m. – 5:00 p.m.**

Your Windows 7 testing is over and it's time for rapid deployment! Yet while you're excited about delivering Windows 7 to users, you might still remember your last upgrade. Deploying Ghost images might have been easy back then, but it wasn't very flexible. What you want is deployment from a single image, where every computer starts from one golden master. You also want better naming, giving each computer the correct name automatically. Most importantly, you want the process automated so you're not sitting around waiting to click buttons. You can have all this and more with Microsoft's free Windows Deployment Services.

Microsoft MVP Greg Shields has been rapidly deploying Windows computers for over a decade. In this session full of tips and tricks, bring your laptop and get HANDS-ON with Windows Deployment Services. You'll learn the secret tricks for creating that single image that installs everywhere. You'll find WDS' hidden solution for automatic naming. You'll learn the tricks you absolutely must know to automate Windows installation. And you'll leave with a functioning deployment solution you can take home to begin deploying immediately.

Are you're ready for Windows deployment, but not ready for the learning curve? Save yourself weeks of time and join this must-see HANDS-ON session. You'll walk away with exactly what you need to start rapidly deploying Windows 7 the moment you return home.

Please Note: Attendance at this session requires a laptop with dual processors and a minimum of 4 GB of RAM. Attendance also requires the purchase of Greg's Windows 7 Deployment Solution Go-Stick. The Go-Stick is $70 and can be purchase on TechMentor's registration page.

TU2 W7 Deployment Deep Dive: Using Task Sequences to Completely Automate Windows 7 Deployment, HANDS-ON *Intermediate*

Greg Shields
Tuesday, October 11   **9:15a.m. – 12:00 p.m.**

Windows Deployment Services by itself is a fantastic and fantastically-simple solution for rapidly deploying Windows 7. But, by itself, WDS lacks some key automations that make the migration process far simpler. Thankfully, you can get those automations in Microsoft's second layer of free tools: The Microsoft Deployment Toolkit. Layering over the top of WDS, this tool's Task Sequences enable you to completely automate the Windows 7 migration and refresh process.

Bring your laptop to this HANDS-ON session and continue your exploration into completely automating Windows 7 deployment. You'll learn how MDT's Task Sequences can automate the installation of applications right during the install. You'll see how updates, drivers, and even custom scripts can be easily incorporated directly into your deployment infrastructure. All these features, layering over the top of a single Windows image that deploys everywhere? Absolutely! And you'll leave with a functioning deployment SOLUTION that you can take home and immediately implement. Don't miss Microsoft MVP and Windows 7 deployment expert Greg Shields in this create-your-deployment-solution HANDS-ON experience.

Please Note: Attendance at this session requires a laptop with dual processors and a minimum of 4 GB of RAM. Attendance also requires the purchase of Greg's Windows 7 Deployment Solution Go-Stick. The Go-Stick is $70 and can be purchase on TechMentor's registration page.

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TU8 W7 Deployment Deep Dive: Building a Deployment USB Stick HANDS-ON
Intermediate

Greg Shields

Tuesday, October 11　　　　　**2:30 p.m. – 3:45 p.m.**

You might love the idea of deploying Windows 7 images over the network, but you've found that your network administrator doesn't quite agree. You're both right: Deploying Windows 7 images over the network is convenient; but it can also have a big impact on network resources. If automated network deployment of Windows 7 isn't in your future, how about automated USB deployment?

You'll get exactly what you need in Greg's continuing discussion on fully automating Windows 7 deployment. Bring your laptop and Greg's Go Stick to this HANDS-ON experience to learn the secrets of creating a USB Windows Deployment Solution. After 75 minutes and USB stick in hand, you'll be automatically deploying Windows everywhere with a minimum of effort!

Please Note: Attendance at this session requires a laptop with dual processors and a minimum of 4 GB of RAM. Attendance also requires the purchase of Greg's Windows 7 Deployment Solution Go-Stick. The Go-Stick is $70 and can be purchase on TechMentor's registration page.

GREG'S WINDOWS 7 DEPLOYMENT SOLUTION GO-STICK*

$70.00

Greg Shield's Windows 7 Deployment Solution Go-Stick is a 32 GB USB drive – yes, that's a full 32 gigabytes! – that comes equipped with all the goodies you'll need to leave TechMentor with a fully-functional deployment solution-on-a-stick, primed and ready to begin deploying Windows 7! The Go-Stick contains a virtual machine to be used during hands-on labs, OS media and software for deployment, a lab guide, and plenty of other goodies provided by Greg Shields.

*Attendees participating in the "Hands-On" portion of Greg Shield's Windows 7 Deployment HANDS-ON LABS (Sessions PRE2, TU2, and TU8) must purchase "Greg's Windows 7 Deployment Solution Go-Stick."

TU12 W7 Deployment Deep Dive: Real-World Windows Deployment Issues & Resolutions DISCUSSION *Intermediate*

Greg Shields

Tuesday, October 11　　　　　**4:00 p.m. – 5:15 p.m.**

Windows 7 deployment is never as cut-and-dried as the pundits might make it seem. Licensing issues get in the way. Applications won't work. Every environment has its special needs that just can't be solved by searching the Internet. That's why Microsoft MVP and deployment expert Greg Shields is hosting a 75 minute discussion on real-world deployment issues and resolutions. A special event at TechMentor, these DISCUSSION sessions are an opportunity to get your questions answered while you learn the issues other admins are having. Finish off your Tuesday afternoon with a fun and interactive discussion with peers and experts alike.

W2 W7 Deployment Deep Dive: Packaging Software for Automated Deployment
Advanced

Greg Shields

Wednesday, October 12　　　　　**8:00 a.m. - 9:15 a.m.**

Whether you've attended Greg's earlier sessions or not, you probably recognize the value in automating application installs. The trick is in getting those installs to do their work silently, without prompting for questions. The hard part, indeed the art, is in that packaging of software. Microsoft MVP Greg Shields has been packaging and deploying software for nearly a decade. In this do-not-miss session, he'll share his secret tricks in getting the job done. And tricks they are! Whether you're deploying software through Group Policy, System Center Configuration Manager, a Windows deployment solution, or any of the third party options out there, this session contains the knowledge you'll need for them all. Don't

miss this one. What you learn might just be the most powerful thing you discover all week at TechMentor.

W6 W7 Deployment Deep Dive: Automating User Data Migration from Old Desktop to New *Advanced*

Greg Shields

Wednesday, October 12   **9:30 a.m. – 10:45 a.m.**

Deploying Windows 7 is a snap when you're doing it to a brand new computer. But brand new computers are only part of the problem. What you also need is Windows 7 migration and upgrades. You also want a solution that refreshes Windows 7 with a minimum of effort. Part of doing that requires automatically offloading user data from their old computer, then injecting it onto their new one. There are free tools from Microsoft to do this, and they're even customizable! Microsoft MVP and deployment expert Greg Shields shares the secrets of Microsoft's User State Migration Toolkit, a sometimes-missed solution for automating user data migration that you'll absolutely want in your deployment solution.

W10 W7 Deployment Deep Dive: How To Resolve (Nearly) Every Application Incompatibility *Advanced*

Greg Shields

Wednesday, October 12   **11:00 a.m. – 12:15 p.m.**

You've wanted to deploy Windows 7 since the date it came out. Far more secure and manageable than Windows XP and far less cranky than Windows Vista, getting on Windows 7 is what you need to make your job easier. What's holding you up? It might be your applications. Some apps just don't work atop Windows 7. Others need a little extra care to get them functioning. Microsoft recognizes this need and provides a suite of application compatibility tools like the Application Compatibility Toolkit and the Microsoft Assessment and Planning Toolkit that solve this problem. Yet both of these tools can be hard to use without help. Get that help with a jump start from Microsoft MVP and deploy ment expert Greg Shields. You'll leave this session with everything you need to inventory your apps,

determine the fixes they need, and remove all the hurdles to your Windows 7 migration.

LEARN WINDOWS POWERSHELL IN 2 DAYS -

Recognize the Power in PowerShell, but just haven't had the time to learn it?

How about learning in it two solid days of training by the world's most-experienced PowerShell trainer, Don Jones? Sign up for TechMentor and leave with a command of Windows' next command prompt in this track.

PRE3 Learn PowerShell: Don Jones' Windows PowerShell Core Skills Tutorial *Introductory*

Don Jones

Monday, October 10   **1:00 p.m. – 5:00 p.m.**

Still a complete PowerShell beginner? Here's your chance to finally get up to speed – before Microsoft releases a new version and raises the learning curve even higher! Don Jones, one of the world's most well-known PowerShell authors and experts, brings you a half-day crash course that brings you up to speed quickly. Drawing from his new book, Learn Windows PowerShell in a Month of Lunches, Don makes PowerShell's concepts easy to understand through real-world examples. He covers the under-the-hood concepts that otherwise make PowerShell seem difficult, explaining key capabilities like formatting, pipeline input binding, and much more. Absolutely no prior scripting or programming experience is required, as PowerShell isn't a scripting language. If you can run "ping," you can learn PowerShell from Don! His primary goal: To teach you how to use PowerShell's own features to teach yourself how to use the shell in a variety of situations and with a broad range of technologies, including Active Directory, Windows, SharePoint, Exchange, SQL Server, and more. This is your last chance to make 2011 the "Year You Learned the Shell," so don't miss this incredible opportunity. This is not a hands-on workshop; you will not need a laptop, and power will not be available in the classroom. Don provides a transcript of everything he types in the shell, along with any sample scripts, as a free download after the conference.

TU3 Learn PowerShell: Real-World Win7 and Win2008R2 Admin Tasks in Windows PowerShell *Intermediate*

Don Jones

Tuesday, October 11   **9:15 a.m. – 12:00 p.m.**

Take your PowerShell skills – even if you're just a beginner – and put them to use accomplishing real-world administrative tasks. Windows PowerShell MVP, columnist, author, and trainer Don Jones focuses on Windows 7 and Windows Server 2008 R2, but also covers plenty of topics that work on older versions of Windows (including XP and 2003). Learn to inventory remote computers and produce management reports, manage and maintain security settings, and much more. With an emphasis on "multiple computer management," Don makes you more productive right away, sharing templates and samples that you can put to work immediately when you get back to the office.

TU9 Learn PowerShell: Windows PowerShell Remoting and Background Jobs *Intermediate*

Don Jones

Tuesday, October 11   **2:30 p.m. – 3:45 p.m.**

It's the most exciting, powerful, and useful feature in Windows PowerShell v2: Remoting. As in, "Remote Control Hundreds of Computers Simultaneously," every admin's dream! Windows PowerShell expert Don Jones, author of Learn Windows PowerShell in a Month of Lunches, shares the techniques, tips, and secrets of remoting: 1-to-1 remote shell, 1-to-many mass management, implicit remoting, Windows Remote Management configuration, security, and troubleshooting, and much more. Much of what Don covers in this session is not documented elsewhere, so don't miss this unique opportunity to dive under the hood and behind the scenes with a technology that's primed to become more prevalent, and more important, in the years to come.

TU13 Learn PowerShell: Scripting and Modularization in Windows PowerShell *Advanced*

Don Jones

Tuesday, October 11   **4:00 p.m. – 5:15 p.m.**

Take PowerShell to its maximum potential by learning how to turn basic command-line utilities into your own repeatable, self-contained, modular management tools, suitable for sharing with the less-technical folks in your environment. Almost no scripting is needed, as PowerShell provides structures that turn multi-command processes into self-contained tools without requiring complex programming. Don walks you through the entire process, and provides downloadable templates that you can use when you're back in the office to start being immediately effective. You'll start with a simple command, and build it into a complete tool that looks and works just like a built-in PowerShell "cmdlet." You'll also learn how to package and distribute that commands – and others you create – using modules. As a bonus, Don even shows you how to create custom, pre-defined formatting for your command's output. It's like being a Visual Studio programmer – without any actual programming!

GET CERTIFIED WITH AN EXPANDED 3-DAY MCITP BOOT CAMP

Champion of the not-yet-certified, Bruce Rougeau has long been helping IT Pros just like you get through those challenging tests. Last year, we gave him an entire track to do so. The only comment you gave us was, "We Want More!" So you're getting more, a lot more. This TechMentor introduces an all-new 3-day MCITP Boot Camp by beloved Bruce Rougeau. You'll leave with exactly the topics you need to prep for success on those critical exams.

W4 MCITP Boot Camp: Active Directory Fundamentals *Introductory*

Bruce Rougeau

Wednesday, October 12   **8:00 a.m. – 9:15 a.m.**

Every 2008 Administrator needs mastery knowledge of Active Directory. This session will focus on the core fundamentals of implementing an Active Directory Forest. We will cover everything from creating a domain to understanding the FSMO roles. This session will cover the following topics:

• Configure a forest or a domain
• Configure trusts
• Configure Sites
• Configure Active Directory replication
• Configure the global catalog

- Configure operations masters.
- Automate creation of Active Directory accounts.
- Maintain Active Directory accounts

MCITP: WINDOWS SERVER 2008 SERVER ADMINISTRATOR CERTIFICATION KIT*

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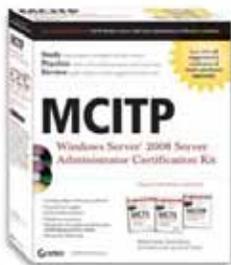
Attending the TechMentor MCITP Boot Camp? Be sure to add the Sybex certification kit to your registration.

This boxed set provides everything you need to prepare for MCITP certification in Windows Server 2008 administration and demonstrate your expertise as a Windows Server network administrator. You'll find full coverage of all exam objectives, exercises to hone your skills, and over 750 practice questions.

You can pick up this boxed set of books at a special discount rate provided by Sybex. The MCITP sessions combined with this boxed set of books will give you everything you need to ace your MCITP certification exams.

The Sybex certification kit is not a requirement to attend the MCITP Boot Camp sessions, but may be a helpful study aid and reference tool for those interested in taking the MCITP certification exam.

W8 MCITP Boot Camp: Group Policy Objects *Introductory*

Bruce Rougeau

Wednesday, October 12   9:30 a.m. – 10:45 a.m.

It is impossible to control our user and computer

environment without Group Policy Objects. Each participate will leave this session with a complete understanding of what a GPO is and how to deploy them. The following items will be covered:

- Create and apply Group Policy objects (GPOs).
- Configure GPO templates
- Deploy and manage software by using GPOs
- Configure account policies
- Configure audit policy by using GPOs

W12 MCITP Boot Camp: Read-Only Domain Controllers *Intermediate*

Bruce Rougeau

Wednesday, October 12   11:00 a.m. – 12:15 p.m.

Just when you were taking Domain controllers for granted, Microsoft introduces the Read Only Domain controller (RODC). In this session we will look at the problems we have when deploying a remote office and which of these problems are resolved with a RODC. We will explore the various ways to deploy a RODC and the configuration that must be performed. Last but not least we will discuss the actions that must be performed when a RODC is Missing in Action (MIA).

In addition to the RODC features, we will explore some new features in 2008R2:

- Configure backup and recovery
- Perform offline maintenance

W16 MCITP Boot Camp: Certificate Services & AD Additional Services *Intermediate*

Bruce Rougeau

Wednesday, October 12   2:30 p.m. – 3:45 p.m.

Certificates are part of every IT infrastructure. The need for internal certificates is growing by leaps and bounds. In this session we will explore what a Certificate is and How they are issued. We will cover the following items in this session:

- Install Active Directory Certificate Services
- Configure CA server settings
- Manage certificate templates
- Manage enrollments

- Manage certificate revocations
- Configure Active Directory Lightweight Directory Service (AD LDS)

W19 MCITP Boot Camp: Exam Prep 70-640, Active Directory, Configuring
Intermediate

Bruce Rougeau

Wednesday, October 12   4:00 p.m. – 5:15 p.m.

At the end of Day 1 of our quest to become MCITP Server Administrator, we will test our skills by reviewing Active Directory questions as a class. This is a one of a kind experience that is necessary to see where you stand in being ready to take your 70-640 exam.

TH4 - MCITP Boot Camp: Remote Desktop Services & Application Provisioning
Intermediate

Bruce Rougeau

Thursday, October 13   9:15 a.m. – 10:30 a.m.

Remote Desktop Services (RDS) definitely deserves a new name since it brings a rich environment compared to the terminal services original offering. Every medium size infrastructure has a need for some form of RDS. We will cover the installation of RDS and things to consider when sizing and planning an RDS environment. We will look at what groups can and cannot be used to deploy RDS permissions. We will cover how to create remote applications and provide RDS farms. We will conclude the RDS discussion by cover how to use roaming profiles and folder redirection to provide a rich profile management.

Finally we will show how App V can be used to complement an RDS solution.

TH7 MCITP Boot Camp: Planning for Server Deployment Part 1 *Intermediate*

Bruce Rougeau

Thursday, October 13   10:45 a.m. – 12:00 p.m.

Planning for a successful server deployment requires more planning than most people want to allow. The key to a successful implementations to think of everything and make sure to ask plenty of questions. A mastery knowledge of a complete Server infrastructure is required

to beging this task. We will cover the following items:

- Plan server installations and upgrades: Windows Server 2008 edition selection, rollback planning, Bitlocker implementation requirements
- Plan for automated server deployment: standard server image, automation and scheduling of server deployments
- Plan infrastructure services server roles: address assignment, name resolution, network access control, directory services, application services, certificate services
- Plan application servers and services: virtualization server planning, availability, resilience, and accessibility
- Plan file and print server roles: access permissions, storage quotas, replication, indexing, file storage policy, availability, printer publishing

TH11 MCITP Boot Camp: Planning for Server Deployment Part 2 *Intermediate*

Bruce Rougeau

Thursday, October 13   1:15 p.m. – 2:30 p.m.

Planning for Business Continuity and High Availability

- Plan storage: storage solutions, storage management
- Plan high availability: service redundancy, service availability
- Plan for backup and recovery: data recovery strategy, server recovery strategy, directory service recovery strategy, object level recovery

Planning Application and Data Provisioning

- Provision applications. May include but is not limited to: presentation virtualization, terminal server infrastructure, resource allocation, application, virtualization alternatives, application deployment, System Center Configuration Manager
- Provision data. May include but is not limited to: shared resources, offline data access

TH15 MCITP Boot Camp: Monitoring and Managing Servers *Introductory*

Bruce Rougeau

Thursday, October 13   2:45 p.m. – 4:00 p.m.

After a successful implementation, we must follow up with monitoring and managing our infrastructure. This phase of the life cycle is just as important as the implementation.

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We must keep our environment stable, secure, and performing up to expectations. We will describe how to accomplish this by discussing the following:

- Plan server management strategies: remote administration, remote desktop, server management technologies, Server Manager and ServerManagerCMD, delegation policies and procedures
- Plan for delegated administration: delegate authority, delegate Active Directory objects, application management
- Plan and implement group policy strategy: GPO management, GPO backup and recovery, group policy troubleshooting, group policy planning
- Implement patch management strategy: operating system patch level maintenance, Windows Server Update Services (WSUS), application patch level maintenance
- Monitor servers for performance evaluation and optimization: server and service monitoring, optimization, event management, trending and baseline analysis
- Monitor and maintain security and policies: remote access, monitor and maintain NPAS, network access, server security, firewall rules and policies, authentication and authorization, data security, auditing

TH19 MCITP Boot Camp: Exam Prep 70-646, IT Pro Server Administrator
Intermediate

Bruce Rougeau

Thurssday, October 13   **4:15 p.m. – 5:30 p.m.**

At the end of Day 2 of our quest to become MCITP Server Administrator, we will test our skills by reviewing our Planning, Monitoring and maintaining our Windows Server infrastructure questions as a class. This is a one of a kind experience that is necessary to see where you stand in being ready to take your 70-646 exam.

POST2 MCITP Boot Camp: Windows Server Networking and Exam Prep 70-642, Network Infrastructure, Configuring
Intermediate

Bruce Rougeau

Friday, October 14   **8:30 a.m. – 12:30 p.m.**

Building an environment from the ground up or supporting an existing computing environment requires fundamental

knowledge of its essential networking components. And knowing that network backwards and forwards is a major part of the MCITP. This session will review the fundamentals of IP addressing, including what defines a subnet and how routers and switches work together. We will completely cover the fundamentals of a DHCP server in a Microsoft and Non-Microsoft world, and will explore name resolution by understanding DNS and how it has a close tie with DHCP. Once we've mastered the fundamentals, our next task will be in providing Windows 2008 servers to add functionality for File, Print, WSUS, and Wireless Security. While this might sound like a lot to cover in four hours, remember that these sessions are your refresher on Microsoft's technology along with its place in the MCITP exams.

EXPAND YOUR SKILLS WITH VMWARE VSPHERE

VMware vSphere is a complex topic. So, who better to expand your skills than expert trainer David Davis. Known for his unforgettable conference sessions at VMworld and his record-breaking video training series through TrainSignal, David joins TechMentor for the first time this year. You'll leave with the deepest dive yet on vSphere technologies, taught by the master.

W14 Mastering vSphere: Troubleshooting and Solving vSphere's Biggest Problems… FAST! *Intermediate*

David Davis

Wednesday, October 12   **2:30 p.m. – 5:15 p.m.**

You love your vSphere virtual infrastructure, at least until the day that it breaks. Then, you hate it. vSphere is powerful but not perfect. Sooner or later a host will stop responding, vCenter will crash, and its end user apps end up unresponsive. On that day, the boss will look to you for solving the problems. Solve them quickly and efficiently or your job could be in jeopardy. Where do you identify the root cause of a performance issue? How do you restart ESXi services from the CLI? What steps do you take to troubleshoot a failed vCenter server? How do you find out the source of virtual network latency? How do you get support? Attend this special deep dive session to answer all these questions, learn how to quickly solve vSphere's biggest problems, and save the day!

TH2 Mastering vSphere: Protecting your Virtual Assets with vSphere Backup, High Availability, and Disaster Recovery
Intermediate

David Davis

Thursday, October 13   9:15 a.m. – 12:00 p.m.

As a vSphere Admin, you've got to protect your job and your company from data loss and downtime. VMware has numerous built-in features like VMHA, FT, VDR, and SRM. Third-parties offer vSphere backup, recovery, and replication solutions. They're also complex options with numerous ways to be configured, many of which aren't a smart idea. If you're still using traditional backup software to back up your virtual infrastructure – stop! Learn how virtual infrastructure backup software can help you. Also, find out the best way to protect your virtual infrastructure. Learn how all the backup & DR solutions compare and which is best for you. Discover how to properly design and configure them. See how to configure HA & FT, step by step, and watch them save the day!

TH9 Mastering vSphere: VMware vCloud, Amazon EC2, & Microsoft Azure: Your Next Virtual Step *Introductory*

David Davis

Thursday, October 13   1:15 p.m. – 2:30 p.m.

Your boss heard that "the cloud" was going to save the company money and "make IT easy". You heard that you might lose your job because of the cloud. Every vendor that walks in your door is trying to sell you a cloud solution. With vendors putting the "cloud" label on everything, how can you tell what is fact and what is fiction?

You attend this session is what you do. And who better to help you than Cloud expert David Davis. Microsoft says that the cloud edits family photos, but what does that have to do with Azure? VMware offers vCloud datacenters, vCloud express, and wants you to build your "private cloud". Amazon tries to sell you books and EC2 web services. But none of these are an apples to apples comparison. Learn how to cut through the marketing-hype and discover how cloud computing really can help your everyday life. David covers VMware's vCloud offerings, vCloud partners, and then gives you the low-down on the competition in this real-world session.

TH13 Mastering vSphere: The Best (Free!) Tools for vSphere Administration
Introductory

David Davis

Thursday, October 13   2:45 p.m. – 4:00 p.m.

Let's have an honesty moment: Managing vSphere requires more tools than the vCenter Client alone. Those tools can cost you and your company thousands, if not tens of thousands of dollars. Why spend good money on vSphere tools when so many free options are available? Find out how the free tools stack up and what their limitations are in this cost-cutting session. In it, you'll learn where the free tools assist most in everyday vSphere management, where to get them, and how they can provide real value. Pay back your TechMentor attendance in 75 minutes by attending this session with VMware toolsmith David Davis. You'll leave with more than 25 nice additions to your tool quiver, all without spending a dime!

TH17 Mastering vSphere: D52The VMware Certification Crash Course *Introductory*

David Davis

Thursday, October 13   4:15 p.m. – 5:30 p.m.

Today's hottest certifications are virtual. Over 80,000 people are VMware Certified Professionals. Job openings for those certified in virtualization are plentiful. VMware has announced new certifications like the VCAP-DCA, VCAP-DCD, VCDX, and the VCA. But what the heck are these? What are the differences among all the certs on the market? More importantly, how do you prepare for them, what is required, what topics are covered, and what's the quickest way to get prepared? Learn the answers to these questions and real test-taking tips from David Davis, a VCP4, VCAP-DCA, vExpert, and CCIE, in this not-to-miss session!

AN ALL NEW FOCUS ON WINDOWS DESKTOP ADMINISTRATION AND APPLICATION DELIVERY

You're tired of all the old content. Yet another session on server infrastructure topics you long ago mastered. Not here. At TechMentor, we're giving you the content you need. And today, that content centers around Windows desktop administration and the new approach some are calling "Application Delivery". With the industry's best speakers, including a few on the inside, you'll leave TechMentor with a right-sized approach to getting applications to your users… no matter where they are!

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PRE1 Four Hours of the Very Best Windows 7 Tips, Tricks, and Tools on Earth! *Intermediate*

J. Peter Bruzzese

Monday, October 10   1:00 p.m. – 5:00 p.m.

Think you know Windows 7? Too often admins deploy an OS like Windows 7 without really knowing all the latest and greatest features that will benefit your users. This session will start with some of the lighter features, tips and tricks and then build toward more advanced feature enhancements like AppLocker, PowerShell ISE and more. In addition, we'll discuss must-have tools that will improve Windows 7 performance, security and functionality.

TU1 Tips, Tricks, Tools, and Techniques for Enterprise iPad

John O'Neill

Tuesday, October 11   9:15 a.m. – 10:30 a.m.

The iPad continues to receive accolades as both a consumer tool and all-around cool device. Its best kept secret though may be its capabilities as an effective enterprise tool. In this session, long-time attendee and now TechMentor Speaker John O'Neill discuss real world ways the iPad can provide value to businesses large and small, far beyond just e-mail access. He'll spend time on user focused functions like training, business system connectivity, and communications, as well as IT focused functions like remote control and server administration. From board room presentations to remote IT troubleshooting including advanced tests you'll learn how to make the iPad an indispensible part of any business!

TU5 Power Up the Help Desk for Supporting Remote Users

John O'Neill

Tuesday, October 11   10:45 a.m. – 12:00 p.m.

In today's economy more users are out of the office than ever before. They expect, and indeed require, the same level of tech support as they get inside the office. Unfortunately, mobile users present a unique set of technology and business challenges that many of today's Help Desk technicians are unprepared for. This results in longer support times, lower satisfaction rates, and ultimately higher costs for the company. This session will show you strategies, tools, and processes that can immediately be leveraged to increase Help Desk technician effectiveness, raise user satisfaction, and decrease costs.

TU7 Android in the Enterprise

John O'Neill

Tuesday, October 11   2:30 p.m. – 3:45 p.m.

The open source Android operating system from Google is rapidly extending its role into the enterprise. Whether its Gingerbread or Honeycomb; a smartphone or a tablet, Android is absolutely here and absolutely useful! IT professionals in every company need to know how to support, administer, and secure these devices so their users and companies can reap the benefits. With the open source nature of Android, this can be a challenge on the best day. This session will cut through to core strategies and tools that are immediately useable and proven to work.

TU11 How to Recover from a Malware Attack using W7's Free Tools

Mathew Parks

Tuesday, October 11   4:00 p.m. – 5:15 p.m.

You're at work and receive a Facebook message from someone important to you, proclaiming that they have new photos you need to see. Or, you're surfing the web and receive an official-looking alert that your system is infected: Click here to clean. You know the drill, but do your users? Malware, in our always-connected world is an unfortunate part of life. Even with the best of prevention controls, a connected world means an infection in your corporate network is inevitable. What happens when you get infected? What do you do next? Learn the best real-world and pragmatic methods of malware mitigation and recovery in this look at Windows' free tools for recovery.

W1 Do You Need VDI? Determining Your Virtualization Decision Tree

Christa Anderson

Wednesday, October 12   8:00 a.m. - 9:15 a.m.

VDI is a hot topic these days. Just about everyone is at least considering it, if not evaluating how to deploy it and which approach to take. Before thinking about how to deploy VDI, however, it's good to start with whether it's even the

right choice. Could another virtualization approach suit your needs better? The answer might surprise you. In this session, Christa Anderson talks about the business drivers for all the various types of virtualization. She gives you a list of considerations to help you pick the right one—or the combination of them—that best suits your needs.

W5 Best Practices in Delivering Applications to Mobile Workers: Tools You Already Have

Christa Anderson
Wednesday, October 12   **9:30 a.m. – 10:45 a.m.**

There are plenty of reasons to support users connecting from outside the office network. There are also plenty of ways to support them. But VPN Clients are a pain, and DIrectAccess requires IPv6 among other technicalities. Remote Desktop Services in Windows Server 2008 R2, however, is a simple solution you can implement today. Using RDS' Remote Desktop Gateway, you can connect not just to VMs or sessions but to any computer that accepts incoming RDP connections, even from unmanaged computers. In this session, Christa Anderson, RDS expert (and Product Manager!) explains how to use RD Gateway to enable mobile workers along with the best practices for doing so.

W9 A Practical Guide to Remote Desktop Services Internals

Christa Anderson
Wednesday, October 12   **11:00 a.m. – 12:00 p.m.**

Learn RDS' deepest secrets from one of the people responsible for managing it! Trying to set up Remote Desktop Services or troubleshooting a problem? In Windows Server 2008 R2, Remote Desktop Services can do a lot, spanning across LANs and WANs, VMs and sessions, full desktops and individual applications. But all that functionality involves a lot of moving parts, all of which you need to know! In this session, RDS expert (and Microsoft Product Manager!) Christa Anderson looks at some real-life examples of how knowing how RDS's pieces communicate can help you solve or avoid problems.

W17 Customizing and Rapidly Deploying Office 2010 with Free Tools *Introductory*

James Conrad

Wednesday, October 12   **4:00 p.m. – 5:15 p.m.**

Microsoft Office is the application cornerstone of virtually every business. However, installing Office is a time-consuming and daunting task, especially when you're forced to install it manually. Although tools such as System Center Essentials or System Center Configuration Manager can fully automate the process, these products represent yet another product to learn and require complicated preparation. For the busy (or underfunded) administrator, these products might not be available. So how do you streamline or automate the installation process? Using free resources, trainer extraordinaire James Conrad shows you how to fully automate Microsoft Office 2010 without expensive, complicated solutions. Once complete with James' methods, you'll have a full accounting for each successful installation of Office.

TH1 Putting an End to Performance Bottlenecks with Perfmon and PAL *Introductory*

Bruce Mackenzie-Low
Thursday, October 13   **9:15 a.m. – 10:30 a.m.**

For years, system administrators have used the Windows Performance Monitor (Perfmon) to gather and analyze performance data. But with over several hundred performance counters to consider, the task can seem overwhelming to find the relevant metrics to isolate your performance bottleneck.

Learn about your new PAL (Performance Analysis of Logs) tool. PAL is a free open source tool that has been jointly developed by Microsoft to analyze Perfmon data and identify threshold values that trigger warnings and alerts. Choose from a variety of pre-defined threshold values for environments such as Hyper-V, SQL, Exchange and SharePoint. An HTML report is produced which allows you to quickly drill down to the real bottlenecks, without being clouded with hundreds of counters.

Learn how to install PAL, import and analyze Perfmon data, and generate performance reports. Understand how to interpret the reports to identify where CPU, memory or I/O bottlenecks exist and what the recommended action is. PAL will save you many hours of tediously reviewing counters by automating the process of analyzing Perfmon logs. This is one tool you will definitely want to add to your toolbox!

TH5 Identifying & Resolving Application Crashes and Hangs *Intermediate*

Bruce Mackenzie-Low

Thursday, October 13   10:45 a.m. – 12:00 p.m.

Have you ever used the Task Manager to kill an unruly application that failed to respond? Have you ever wondered what caused your application to crash and restart? Take the guesswork out of troubleshooting applications by using the right tools and techniques with Bruce Mackenzie-Low, master resolver of app problems large and small. Learn about tools such as ADPlus, ProcDump and the Windows Debugger as you tackle real world cases. Learn about advanced debugging techniques that allow you to identify exactly what the application was doing at the time it crashed. Then search the world-wide-web with confidence for your solution. With the information Bruce shares in this session, you'll be able to immediately take advantage of these tools and techniques to put an end to troublesome apps!

TH8 Fixing the Biggest Problems with Printing and Print Servers *Intermediate*

Bruce Mackenzie-Low

Thursday, October 13   1:15 p.m. – 2:30 p.m.

Troubleshooting Windows print spooler crashes and hangs can be very challenging, what with all the different types of printers and drivers available. Escape that nightmare by attending this session on the foundations of the Print Spooler Service and how it communicates with printers. You'll explore the different methods of capturing a print spooler memory dump to identify failing components. You'll see the installation and configuration of the Windows debugger for solving the hardest print problems. And you'll leave with a set of techniques used to analyze print spooler dumps to determine which component, driver, printer, and job is causing the failure.

TH12 Implementing BranchCache: The Free Tool that Speeds Your Network *Introductory*

James Conrad

Thursday, October 13   2:45 p.m. – 4:00 p.m.

Sitting at their desk in the branch office, your users patiently stare at the progress bar on the screen. ΩThe file they started to download from Headquarters an hour ago is almost complete…95%, 96%, 97%, 98%...98%...98%...

and finally an alarming dialog box with a crushing message: "Operation Timed Out."

Aaargh! You're not alone in the frustration many users and administrators alike experience when suffering the other end of a thin, oversaturated WAN link. Thankfully, BranchCache can dramatically reduce WAN utilization in many situations. In fact, BranchCache can make it possible for you to download that large file from Headquarters not at WAN speed, but at LAN speed! Learn how to quickly and easily configure BranchCache, and dramatically reduce the expense and utilization of your WAN link in this time- and money-saving session!

TH16 How to Completely Control Every Application with Group Policy and GPPs *Introductory*

James Conrad

Thursday, October 13   4:15 p.m. – 5:30 p.m.

You've invested heavily in software and deployment resources. If you've been smart, users will run their software as intended. If not, you might find users run applications that you neither authorized nor installed. These apps might be harmless games that kill productivity, or they could be unstable, poorly written apps that compromise the security or stability of your desktops.

Some simple apps do not require an installation, so even unprivileged users can to run them. In the past, Microsoft has implemented software restrictions that somewhat address these issues, but educated users could easily circumvent the restrictions. With today's technologies, administrators can allow given applications to run as well as specifically denying others. Even when permitted apps are installed, some might require additional tweaks on each desktop. In this session, James Conrad shows you how. Using Group Policy Preferences (GPPs), James will arm you with the level of customization and configuration lockdown your apps require.

MASTER WINDOWS SERVER 2008 R2 AND EXCHANGE 2010

TechMentor has long been about Windows Server and all about Exchange for just about as long. That's why Master of the Windows Server Mark Minasi and Exchange Guru-of-Gurus Peter Bruzzese come back for another year. You're familiar with Windows Server 2008 R2 and Exchange 2010, but are you a master? You'll get there with these expert speakers and their sessions on-deck for TechMentor Vegas.

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TU4 Designing High Availability into Microsoft Exchange *Intermediate*

J. Peter Bruzzese
Tuesday, October 11　　　　　**9:15 a.m. – 10:30 a.m.**

In this session, Microsoft MVP and Exchange expert J. Peter Bruzzese will start you off with a clear explanation of Exchange storage architecture for Exchange 2007 and 2010. Then he will walk you through the concept of continuous replication and how it's utilized in Exchange 2007 and 2007 SP1, leading up to the changes in Exchange 2010 and 2010 SP1 with the new Database Availability Group (DAG) method of high availability. In addition, we'll discuss JBOD vs. SAN storage options, the loss of Single Instance Storage (SIS) and the elimination of traditional backup for your Exchange environment.

TU6 Smart Tricks and Big Gotchas in Virtualizing Microsoft Exchange
Intermediate

J. Peter Bruzzese
Tuesday, October 11　　　　　**10:45 a.m. – 12:00 p.m.**

Exchange 2010 server roles can all be virtualized. But not all are supported by Microsoft and not all are considered wise when compared to the performance loss. In this session, Microsoft MVP and Exchange expert J. Peter Bruzzese has the answers. He will talk honestly about the need to be reasonable when planning out Exchange virtualization. You'll learn how to avoid the caveats of over-virtualization – yes, there is such a thing! You'll explore support-loss-virtualization, which occurs when your Microsoft support slips because you don't follow their explicit guidelines. If you're considering virtualized Exchange, or if you're experiencing problems because you already did, get the assistance you need in this session.

TH10 10 Things You Didn't Know (and can Implement Immediately) About Windows Server 2008 R2 *Intermediate*

Mark Minasi
Thursday, October 13　　　　　**1:15 p.m. – 2:30 p.m.**

Okay, so maybe you've read about or even played around with Windows Server 2008 R2. You know a bit about Active Directory's PowerShell cmdlets, DirectAccess, BranchCache and the new backup program. It's all great stuff, but... did you know that R2's the first print server whose spooler service WON'T crash just because a print driver failed? Or that R2's DHCP server service has a cool new MAC filter feature, combined with helpful new support for split scopes?

Well, that's just the start. Ever needed to resize a VHD? R2's got command-line support for that, as well as a whole new kind of built-in SMB cache. And of course you know that R2 shores up your system's security by blocking those scary old 1980s LM-type logons -- but did you know that R2's got the tool that you need to smoke out and stomp those persistent early 90s NTLM logons?

Join server geek Mark Minasi in a fast-paced review of all of the R2 features that haven't really gotten the attention that he thinks that they ought to, complete with demos and step-by-step instructions to try them out in your own network. Hey, what would be crazier than paying for a new server operating system and not squeezing all of the juice out of it?

TH14 Windows Power Tools Treasury: Best of the Power Tools *Intermediate*

Mark Minasi
Thursday, October 13　　　　　**2:45 p.m. – 4:00 p.m.**

Smart Windows administrators know that the only way to get the job done is to find the right tools, but so many interesting-looking tools are so poorly-documented that no one's got the time to figure out how to make them useful. That's why Windows techie Mark Minasi taken the time every month from November 1997 onward to research and explain those tools in his This Old Resource Kit and Windows Power Tools columns, featured monthly in Windows IT Pro Magazine.

What's that you say, you've not had time to check out all thirteen years' worth? No problem: Mark's here to offer a fast-paced, entertaining look at some of the best power tools he's uncovered over the years. Come explore the power of sc.exe, the Swiss Army Knife of service tools, and its oddly excitable nature. See how you can unleash robocopy on your file transfer tasks, and still manage to get home in time for dinner. Learn some useful "stupid Netmon tricks," discover how to smoke out Active Directory replication issues with repadmin, even if your company doesn't allow smoking on the premises. And that's just the start -- don't miss a chance to get a quick

look AND some useful, accurate examples of a couple of dozen of the most powerful of Windows power tools!

TH18 The Network Files, Case #53: Diagnosing DNS Diseases *Intermediate*

Mark Minasi

Thursday, October 13　　　　　　**4:15 p.m. – 5:30 p.m.**

Network troubleshooters soon learn that the first place to look when the network stops working is DNS... and soon after that, they learn that the in-the-box DNS troubleshooting tool, nslookup, is a pretty weak answer -- but this session remedies that with a clear, step-by-step set of diagnostic approaches and prescriptions for DNS ills of all stripes.

Give your troubled DNS queries a thorough workup with Network Monitor, and find out why those dynamic updates aren't happening. Get the scoop on the dread "EDNS flu," an ailment endemic to Server 2008 and 2008 R2 boxes. Take your DNS system's pulse with DNSLint. Take a sample of your DNS output with a close examination of your logs, and more. Attend this talk and you'll soon be known as "Doctor DNS!"

POST1 Using PowerShell to Bend R2's Active Directory to Your Will *Advanced*

Mark Minasi

Friday, October 14　　　　　　**8:30 a.m. – 12:30 p.m.**

Most of us who have to manage an AD sometimes run into a problem like, "I need to disable all accounts that haven't logged on in the past 60 days,"only to find that Active Directory Users and Computers doesn't seem to be able to help much there. (It can, actually but you'd have to put on your diving helmet and sink many fathoms into LDAP query-land to get the job done.) So you wonder, "what to do here?," and start talking yourself into solving the problem by hand, click by click. You KNOW a few days of writing a VBScript or two might solve the problem, but that's an awful lot of work so, again, what to do?

Microsoft's given us the answer in their 76 shiny new Active Directory-related PowerShell commands. With a bit of practice, you can glue two or three PowerShell commands into a powerful one-liner that can do what used to take three days and 150 lines of VBScript...even if you've never written a line of code. (Or want to.) Join command-

line techofreak Mark Minasi in a quick, clear guide to the PowerShell commands you need -- and how to make them work together. Don't know PowerShell? No problem -- every attendee will leave prepared to create their first "one-liner," even if they've never used PowerShell!

LEARN THE SECRETS OF HOW MICROSOFT DOES IT

Ever wondered if you're implementing Microsoft technologies correctly? Who better to tell you than Microsoft itself! That's why we're bringing in the experts, directly from Microsoft. These are the people responsible for actually implementing Microsoft's technologies in their own IT, and you can only hear their story at TechMentor. These are sessions you won't want to miss.

TU10 How Microsoft Does IT: Tales from the Trenches *Intermediate*

Laura Hunter

Tuesday, October 11　　　　　　**2:30 p.m. – 3:45 p.m.**

Come and learn "How Microsoft Does IT"! In this session, you'll hear real-world examples of how Microsoft's internal IT manages their day-to-day operations in areas such as Active Directory, network access, security and IT operations. Come and learn how Microsoft runs their complex and ever-changing environments, including tips and tricks that can help you in your daily life.

TU14 Showdown Active Directory: How Does Yours Stack Up to Microsoft's? *Intermediate*

Laura Hunter

Tuesday, October 11　　　　　　**4:00 p.m. – 5:15 p.m.**

Straight from the source! Come and listen to the Technology Architect responsible for designing and running Microsoft's internal Active Directory infrastructure. Find out what Microsoft's environment really looks like, and how it stacks up against what you face on a day-to-day basis. Think managing Group Policy is tough? Try it with over a hundred thousand users! How do you keep your Sites & Services topology up-to-date in a global environment? How do you create a secure AD infrastructure for a global, mobile, diverse, and technically savvy workforce? Laura Hunter will talk about AD, GPOs, management tools, and you'll take home some lessons

that will apply no matter how large or small your Active Directory environment may be.

W3 Tips & Tricks for Restricting Devices from the Corporate Network *Advanced*

Mike Danseglio
Wednesday, October 12   **8:00 a.m. – 9:15 a.m.**

From the IT guru with the latest laptop technology to the intern with a new MP3 player, users love to bring their personal electronics to work and connect them to corporate assets. Most users never think that connecting a phone or ebook reader could pose a security risk to the entire network. But it most certainly can. And regardless of written security policy, users continue to do it. Join Mike Danseglio, CISSP, former security authority at Microsoft and world-renowned security expert, as he shows how this happens every day along with the impact of each occurrence. For each type of vulnerability, Mike will explain potential data compromise, impact to the business, and more. But you don't want to know just the pain. You also want the solution! Mike won't let you go without detailed demonstrations of protecting corporate assets from those nasty devices using off-the-shelf hardware and software tools.

W7 Preventing Attacks from Employee Home Wireless Networks *Advanced*

Mike Danseglio
Wednesday, October 12   **9:30 a.m. – 10:45 a.m.**

What's the difference between a secure home wireless network and a secure corporate wireless network? Most users think there's no difference – if they give it any thought at all. And most IT professionals find it challenging to describe the difference. But the differences invariably lead to vulnerabilities in the home network. And with the portability of data and common use of laptops and remote

access solutions, those vulnerabilities are more frequently creating issues in corporate networks.

In this session, Mike Danseglio, CISSP, former security authority at Microsoft and world-renowned security expert, dissects several wireless networks piece by piece, showing how they work, how they implement security, and where they expose security vulnerabilities. Mike also explains the relative vulnerabilities of each and how to mitigate and prevent a number of commonplace attacks. Throughout the session he remains focused on the fact that home wireless networks are largely unmanaged and unregulated by corporate security policy. The calls to action aren't just fanciful theory - they're practical, based on extensive experience in the field.

W11 Wireless Mobile Networks: What You Must Know about Mobility in Motion *Introductory*

Todd Lammle
Wednesday, October 12   **11:00 a.m. – 12:15 p.m.**

For more than 30 years our industry has used the OSI model as its definitive reference for building and troubleshooting networks. Heck, it even helped us create CompUSA from the standardization we were able to derive. The OSI is comprised with independent layers, where changes in one layer cannot affect other layers' responsibilities. Each layer is its own autonomous system that did not understand, nor care, what the other layers were doing. You probably know how this works. For example, OSI's Network layer receives a segment from its Transport layer, which in turn creates a packet and hands it to a LAN driver on the Data Link layer, which frames it for transmission onto the local LAN.

Yet even as entrenched as that OSI model has become, the times are a'changin'! Cisco is bringing huge changes to the networking world by shaking up the OSI model as we know it. Those changes make the OSI model as old school as CompUSA. Cisco is doing this with their Mobility in Motion framework, creating a new mobile wireless standard you need to know!

Come to this informative and all-so-very-new talk on Cisco's plans for taking networking to a level we've never conceived. In it Todd Lammle will show you how cross-layer feedback and other exciting new capabilities built into Mobility in Motion create the "smart grid" of your wireless mobile networks.

W15 Todd Lammle Shares His Best Wireless Security Secrets *Introductory*

Todd Lammle

Wednesday, October 12   **2:30 p.m. – 3:45 p.m.**

Todd Lammle is an RF FCC licensed technician and popular Cisco and Wireless trainer with more than 24 years of networking experience. He's also a long-time TechMentor speaker with a history of knock-'em-dead sessions of fantastic content. After years of missing our conference, Todd is back to share some of his very best wireless security secrets! In this session, he'll show you how to secure your wireless LAN (WLAN) and Metropolitan Mobile Network (MMN) in both corporate and home networks. This 75-minute session will deliver the foundations of WLAN security. You'll learn benefits and drawbacks of each security method in use today, as well as those up-and-coming, so you can make informed decisions in your WLAN security policies. Whether you work in an office that's large or small – or even mobile – this is the session you can't miss for supporting your wireless applications with corporate polices and security.

W18 Ipv6 for the Reluctant: What to Know Before You Turn it Off! *Introductory*

Todd Lammle & Mark Minasi

Wednesday, October 12   **4:00 p.m. – 5:15 p.m.**

IPv6 is never gonna' happen, right? For good or ill, that's not true. But you should care, and you'll be glad you attended this all-so-informative seminar, even if you think you'll never, ever, ever use IPv6!

Assuming our current demand rate for new IPv4 addresses, we will exhaust every last one by December of 2013. That's right... by New Year's, 2014, our world runs out of IPv4 addresses.

That's why TechMentor is bringing together the A-Team, the "big guns", the uber-gurus themselves, Cisco deity Todd Lammle and veteran Windows-explainer Mark Minasi in a never-before-seen tag-team event. In it, you'll get a light-hearted look at the latest version of IPv6, and whether you'll want to leave it on or turn it off. In this whirlwind tour, Todd and Mark explain the motivation for IPv6 and the technologies behind its implementation (which saves you from having to read 30 RFCs – you're welcome!), while adding useful notes on the Microsoft-specific aspects of Windows' IPv6 implementation. IPv6 offers many more pluses than minuses, so attend this session, give it a look, and they'll promise you'll have a good laugh while you're at it!

TH3 Easy Steps for Enabling Portable Data Security: Laptops, USB Drives, and More *Advanced*

Mike Danseglio

Thursday, October 13   **9:15 a.m. – 10:30 a.m.**

All administrators in today's IT space recognize that data is everywhere. From employees taking work on the road with a laptop to the infinite reasons people store files on USB drives, it is increasingly difficult to know where the data is. So how do you protect the sensitive data? Sure there are specific commercial products but they require significant investment, deployment, and maintenance, and usually provide a suboptimal user experience. There are, however, solutions that are better than others – some that you may already have and just not know it.

Mike Danseglio - CISSP, former security authority at Microsoft and world-renowned security expert, will show you the strengths and weaknesses of technologies including Bitlocker, Bitlocker-to-Go, Encrypting File System, BIOS passwords, Syskey, hardware-based data encryption, and many more that you have probably never seen. Focus is placed on the relative security and cryptographic strength of each solution. Mike will also examine several of the most common commercial solutions and show their strengths and weaknesses. Unlike many presentations, purchase cost, administration, and usability are explored through statistics and live demonstrations. At the end of this session, you'll know the best data protection solution for your unique situation.

TH6 Dangerous Documents: Identifying and Protecting Data from Malware *Advanced*

Mike Danseglio

Thursday, October 13   **10:45 a.m. – 12:00 p.m.**

Users have been educated for years on the danger of opening executable files. But they see no harm in opening a photo or a song in email, regardless of its source. That bad assumption is how many viruses and worms are spread today. Many document types are inherently unsafe and some types, like Adobe PDF documents, have been exploited by attackers for years. During this session Mike Danseglio, CISSP, a world-renowned security expert, will show you how to protect your systems from the kinds of documents that are being used to mount attacks today. This session isn't just about installing malware filters and scanners. You'll learn first-hand what kind of damage dangerous documents can do to even a well-protected network. Mike shows plenty of methods you should use today to help stop successful attacks.

Advisory Council

Greg Shields—TechMentor Conference Chair

MVP, vExpert
Concentrated Technology

Greg is an independent author, speaker, and IT consultant, as well as a Founding Partner with Concentrated Technology. With nearly 15 years in information technology, Greg has developed extensive experience in systems administration, engineering, and architecture specializing in Microsoft OS, remote application, and virtualization technologies. Greg is a Contributing Editor and columnist for TechNet Magazine, a former columnist for Redmond Magazine and Virtualization Review Magazine, and has authored or contributed to ten books and countless white papers and webcasts. His writing is regularly seen in publications like TechTarget online, e-books from Realtime Publishers, and the UK-based IT EXPERT Magazine. He has also produced numerous video training series for CBT Nuggets.

Doug Barney

Vice President/Editorial Director,
Enterprise Computing Group

Doug Barney has been a technology journalist for nearly 20 years, serving as a writer, news editor and editor in chief. Barney is Vice President/Editorial Director of the 1105 Enterprise Computing Group. In the space of 25 months, Barney launched Redmond Magazine, Redmond Channel Partner, and Redmond Developer News. In late 2006, the Redmond Media Group acquired Fawcette Technical Publications, including Visual Studio Magazine. Barney was most recently Editor in Chief of Network Computing, a bi-weekly publication with over 220,000 subscribers.

Early in his career, Doug worked as Senior Editor, Microcomputing for Computerworld. While not breaking news about PC software makers such as Lotus and Microsoft, Doug managed the Microcomputing section of the newspaper. One career highlight was the debate that ran in print between Doug and Bill Gates over the future of PC operating systems. From there, Doug became editor in chief of AmigaWorld, a 100,000 circulation newsstand-driven publication. Doug snagged art and editorial contributions from such notable readers as Arthur C. Clarke and Todd Rundgren. Later, Doug joined InfoWorld and once again covered PC software. There, Doug was the recipient of the Computer Press Association Award for Breaking News.

More recently Doug served as Executive Editor of News for Network World newspaper where he ran both print and on-line news operations. His very first story for the publication revealed that hate groups were using the Internet to recruit new members and to tie disparate groups together. The story also exposed calls for censorship from certain human rights groups. The piece was followed up by NBC, AP, The Wall Street Journal and The New York Times, and was syndicated nationwide by NBC. Doug has also been a frequent guest on CNN, CNNfn, NECN, and NPR commenting about PC and networking technologies

Lafe Low

Editor in Chief,
TechNet Magazine

Lafe Low brings 20 years of experience as a writer and editor to the team of TechNet Magazine. Low served in various editorial positions with inCider, PC Games, InfoWorld and Redmond Magazine. While working for CIO, he was the 2001 Neal Award winner for best single feature, and served with the 2001 and 2002 ASBPE Magazine of the Year award-winning editorial and design team.

> **" This is my only tech conference every year. I love the topics & the interaction with the industry experts. "**
>
> *~Angie Price Weinlander Fitzhugh*

Conference Speakers

Christa Anderson
Program Manager, Remote Desktop Virtualization Team, Microsoft Corporation
Christa Anderson is somewhat shocked to realize that she has been working with Windows Server since 1993 and server-based computing since 1996. A Terminal Services MVP 2003-2007, she's presented at many trade shows and conferences including iForum. COMDEX, CeBIT, Pubforum, TEC, and BriForum. Author and coauthor of a number of books, she is also the author of hundreds of articles in Windows IT Pro Magazine and TechTarget on Terminal Services, Citrix products, VBScript, and PowerShell. After years of explaining how to work around issues in Terminal Services, she decided she'd rather fix them, first through ISVs triCerat and visionapp, and now at Microsoft, where she is a program manager on the Remote Desktop Virtualization team. Building software is fun. Even though she has a day job, Christa can't stop writing. Her most recent book is the "Windows Server 2008 R2 Remote Desktop Services Resource Kit" book (released in December 2010), with RDS MVP Kristin Griffin. When she's not writing, she'll often be out with the camera exploring the beautiful Pacific Northwest.

J. Peter Bruzzese
Triple-MCSE/MCT/MCITP:Messaging, ClipTraining
J. Peter Bruzzese (Triple-MCSE/MCT/MCITP: Messaging) is Co-Founder of ClipTraining, provider of screencast video Learning Management Systems. In addition, Peter works for InfoWorld as their Enterprise Windows column blogger, has a monthly column with Realtime Publishers called 'Exclusively Exchange' (with a corresponding site www.exclusivelyexchange.com), and contributes regularly to Redmond Magazine and WindowsITPro. His latest book is Exchange 2007 How-To (Sams, January 2009) with other titles to his credit over the past 10 years that continue to sell worldwide. He welcomes email at jpb@cliptraining.com or visit his website for both free and subscription based training videos at www.cliptraining.com.

James Conrad
Lead Instructor, CBT Nuggets
MCSE, Server+, A+, Certified Ethical Hacker is a sought-after consultant and trainer including those within the Fortune 500. James has been an official contributor to the MCP program and was a key contributor in determining MCSE exam objectives in the Microsoft Certification and Skills Assessment division. James has trained and consulted for Intel, UCLA, Raytheon, Compaq, Hewlett-Packard, MCI Worldcom, Sprint, Exxon-Mobil, Boeing, Lockheed Martin, State Farm, US Department of Justice, Bureau of Land Management and many others. James also wrote the CompTIA Server+ college curriculum for Thomson Learning. James also served as the technical editor for Thomson Learning's Network+ college curriculum. James is currently the lead recruiter and instructor for CBT Nuggets, a leading Microsoft, Cisco, and Linux video training source.

Mike Danseglio
Mike Danseglio has worked in the IT field for more than 20 years. Starting at the bottom allowed Mike to build experience in all aspects of the computer industry. He is an award-winning author, public speaker, and instructor on a variety of technology topics including security, virtualization, computer hardware, and OS operation and deployment. His security work has included protecting militaries, government agencies, and private industry around the world. Mike holds numerous certifications and credentials but doesn't clutter up his bio that way. He is based in Redmond, Washington, a mere stone's throw from Microsoft's main campus.

David Davis
vExpert, VCP4, VCAP-DCA, CCIE#9369, Author, Train Signal
David Davis is the author of the best-selling VMware vSphere video training library from Train Signal. He has written hundreds of virtualization articles on the Web, is a vExpert, VCP, VCAP-DCA, and CCIE #9369 with more than 18 years of enterprise IT experience. His session was ranked at one of the top 5 sessions at VMworld US and Europe. You can read more content from him and learn more about him at his personal website - VMwareVideos.com.

Laura Hunter
Principal Technology Architect, Microsoft Corporation
Laura E. Hunter is a Principal Technology Architect for Microsoft IT's Identity & Access Management team, responsible for determining architecture and strategy for Microsoft deployments of Active Directory, ADFS, Identity Management, PKI and RMS. In previous lives, Laura has been an Identity Management consultant, the Active Directory architect for a global engineering firm, and other assorted IT pursuits. Laura has a Bachelor's and Master's degree from the University of Pennsylvania. Laura is the author of the Active Directory Cookbook, 2nd & 3rd Editions, from O'Reilly Publishing, is an unrepentant ADFS technology zealot, and likes to talk about herself in the third person when providing auto-biographical information. She blogs at http://www.shutuplaura.com, and Twitters (tweets? She's not cool enough to know the verb form of Twitter) @adfskitteh.

Don Jones
Microsoft MVP, Concentrated Technology
Don Jones has more than a decade of professional experience in the IT industry. He's the author of more than 30 IT books, including Windows PowerShell: TFM; VBScript, WMI, and ADSI Unleashed; Managing Windows with VBScript and WMI; and many more. He's a top-rated and in-demand speaker at conferences such as Microsoft TechEd and TechMentor, and writes the monthly Windows PowerShell column for Microsoft TechNet Magazine. Don is a multiple-year recipient of Microsoft's Most Valuable Professional (MVP) Award with a specialization in Windows PowerShell. Don's broad IT experience includes work in the financial, telecommunications, software, manufacturing, consulting, training, and retail industries and he's one of the rare IT professionals who can not only "cross the line" between administration and software development, but also between IT workers and IT management.

Todd Lammle

CCSI, CCNA/CCNA Wireless/CCNP/CCSP/CCVP, MCSE, CEH/CHFI, FCC RF Licensed

Todd Lammle is the authority on Cisco certification and internetworking. He is a world renowned author, speaker, trainer and consultant. Todd has over 29 years of experience working with LAN's, WAN's and large licensed and unlicensed Wireless networks, and has published over 50 books, including the very popular Sybex Cisco CCNA Study Guide & Sybex CCNA Wireless Study guide. He runs an international training and consulting company based in Colorado, San Francisco, and Texas. You can reach Todd through his forum and blog at www.lammle.com.

Bruce Mackenzie-Low

Master Consultant, Hewlett-Packard

Bruce Mackenzie-Low, MCSE, is a master consultant at HP providing 3rd level worldwide support on Microsoft Windows based products specializing in Clusters and Crash Dump Analysis. With over 25 years of computing experience at Digital, Compaq and HP, Bruce is a well known resource for troubleshooting highly complex problems involving clusters, storage, networking and internals. He has taught extensively throughout his career always leaving his audience energized with his enthusiasm for technology.

Mark Minasi

IT Consultant, Author, Speaker, MR & D

Mark Minasi is a best-selling author, popular technology columnist, commentator, keynote speaker, and IT consultant. Mark's written over a thousand computer columns and several dozen best-selling technical books, explaining operating system and networking planning, installation, maintenance and repair to crowds from two to two thousand. An independent voice hailed as "Favorite Technical Author" by CertCities four times out of four, Mark takes even the most technical topics, filters out the hype and explains them in plain English.

Mark's humorous, provocative and yet informative style makes him a favorite of audiences around the world. Mark's firm, MR&D, is based in Virginia's Tidewater area.

John O'Neill Sr.

Chief Technology Architect, Rodeo Systems

During his 20+ years in the IT industry, John has enjoyed the opportunity to work as a consultant, architect, executive, and author. He has been involved in multi-national networking, messaging, and communications projects as well as finding solutions for small mom and pop shops to use technology to increase business opportunity and decrease operational complexity. John has authored material for Thomson-Reuters' Aspatore Books as well as written articles for Exec Blueprints in recent years. He's also enjoyed contributing to regional newspapers as a technology correspondent and to CompTIA certification programs as a Subject Matter Expert. John is proud to be a multi-year finalist for the NEOSA CIO of the Year Award in 2009 and 2011.

Matt Parks

A+, MCP, MCITP

Matthew is an IT Technician, Consultant, Blogger and Instructor. As an IT professional since 1995, he has many industry recognized certifications and an Associates in Electronic Engineering Technology. Matthew has supported varies software, OS and hardware for a multitude for clients, ranging from individual customers to small businesses to enterprises, with a recent concentration on Windows Vista/Windows 7. He has taught the gambit of IT certification subject matter including, Introduction to Computers, Microsoft Office 2003/2007, Microsoft Windows XP, Windows Server 2003, Windows Vista, CompTIA A+, Network+, Security+, Planet3 CWTS® Certified Wireless Technology Specialist and Certified Wireless Network Professional. Matthew can also be found blogging about tech on his blog, Straight up Geeksta. Whether Hardware, Software, Networking, Audio/Visual, Home Theatre or Telephony, he is both dedicated and evangelistic about his craft in addition to being enthusiastic about sharing his knowledge. In fact, a signature of Matthew's presentations is his ability to simplify or "Caveman" some of the more complex subjects in IT using simile to the familiar, the everyday and the applicable. Matthew currently resides in Jacksonville, Florida.

Bruce Rougeau

MCSE, MCT, MCP+Internet, CCMA

Bruce Rougeau, MCSE, MCP+I, MCT, Citrix Certified MetaFrame Administrator, has been working in data processing for over 25 years. Bruce began his career as a developer and has focused his past 13 years in computing infrastructure ranging from mainframes to terminal servers. Currently, Bruce leads a team of engineers that support a manufacturing facility. Bruce has spoken at TechMentor since 2000 focusing on terminal services and the administration skills. Teaching is the best job Bruce has ever had and he brings a lot of knowledge, experience, and excitement to each session.

> **" Good selection of sessions and tracks. Very relevant to my responsibilities and challenges that I work with everyday. "**
>
> *~John Ingalls Hamilton College*

TechMentor Las Vegas Exhibitors

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LANDesk	LANDesk® Management Suite helps you reduce IT costs and complexity with single-console management of any system from anywhere. It's a complete platform for your complex hardware and software environment that lets you see, manage, update and protect enterprise IT systems to boost efficiency, save time and reduce demands on resources. And thanks to the integrated nature of the platform, it's easy to add additional security and management capabilities. For example, the LANDesk® Management Gateway Appliance lets you support users in any networked environment—even those outside the corporate firewall that were previously out of reach and without requiring a VPN. Plus you can protect user productivity by keeping up with patches and updates and access ultra-efficient, fault-tolerant software distribution capabilities. Visit us at http://ldms.com/
SAPIEN	SAPIEN Technologies makes Windows administrative tasks — whether you're scripting or using related technologies — simpler. We offer more than just software: We give you more than 20 years of experience, powerful software applications such as PrimalScript and PrimalForms, authoritative books such as "Windows PowerShell 2.0: TFM" by Don Jones and Jeffery Hicks, supportive communities, and real-world training. It's everything you need to learn new technologies, advance your skills in existing technologies, and work more effectively and more efficiently. Visit us at: http://www.sapien.com/
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Alumni
Have you been to previous TechMentor Conferences? If so, we want to extend special savings to you, our frequent and best customers. You will receive special offers via email available only to alumni. If you're an alumnus and have not received alumni specific promotions, please contact Danielle Potts at dpotts@1105media.com.

Group - Bring a Group to TechMentor Las Vegas & Save...
Companies who bring 3 or more people to TechMentor Las Vegas can purchase the TechMentor Complete Conference Package for a considerable discount. The TechMentor Complete Conference Package is your five day all-access pass to every keynote, session, tutorial and event October 10-14, 2011.

TECHMENTOR GROUP DISCOUNT PACKAGE INCLUDES:	Group Rate Early Bird by September 9, 2011	Group Rate Standard after September 9, 2011
• All TechMentor Sessions and Keynotes • Pre-conference tutorial • Post-conference tutorial • Networking Events • Lunch (Oct. 11-13) • Coffee and Morning Pastries (Oct. 11-14)	$1,195 *Save $555 off the Standard Rate*	$1,295 *Save $455 off the Standard Rate*

* For questions regarding group registration or for more information please call 541.346.3537.

TechMentor Confrence Package - 3 Day

The TechMentor Conference Package grants you access to all sessions and activities October 11-13, 2011.

TECHMENTOR 3 DAY CONFERENCE PACKAGE INCLUDES	Early Bird by September 9, 2011	Standard After September 9, 2011
• All TechMentor Sessions and Keynotes • Reception • Networking Events • Lunch (Oct. 11-13) • Coffee and Morning Pastries (Oct. 11-13)	$1,195 *Save $200*	$1,395

TechMentor Complete Conference and Hotel Package - 3 Day

The TechMentor Conference Package grants you access to all sessions and activities October 11-13, 2011 PLUS three nights at Planet Hollywood Resort & Casino.

TECHMENTOR COMPLETE CONFERENCE & HOTEL PACKAGE INCLUDES	Early Bird by September 9, 2011	Standard After September 9, 2011
• 3 day Conference Pass • 3 nights at Planet Hollywood Resort & Casino (Room and tax only) - *only available Monday night, October 10 through Wednesday night October 12, departing Thursday, October 13*	$1,650 *Save $200*	$1,850

Conference Proceedings

The full TechMentor Las Vegas proceedings book is available for $35 and contains all of the session and tutorial slides with plenty of extra space for taking notes.

TECHMENTOR PROCEEDINGS BOOK INCLUDES	
Conference agenda, session and tutorial slides, and space for taking notes	$35

" Had fun and learned tools I will use in my job! "

~Gordon Scott, The Mitre Corporation