REGISTER NOW!

TECHMENTOR

IN-DEPTH TRAINING FOR IT PROS

MICROSOFT HEADQUARTERS, REDMOND, WA

AUGUST 3 - 7, 2015

TECHMENTOREVENTS.COM/REDMOND

DATACENTER EDITION

Focused on: System Center
Automation
Manageability

TRACK TOPICS INCLUDE:

- ✿ Automating Configuration Management
- ✿ Deploying Apps and Operating Systems
- ✿ PowerShell and Advanced Windows Administration
- ✿ Soft Skills for IT Pros
- ✿ Security and Ethical Hacking
- ✿ Advanced Troubleshooting
- ✿ Microsoft in the Cloud
- ✿ Managing Microsoft Servers and Services

CONNECT WITH TECHMENTOR!

- Twitter / @TechMentorEvent
- Facebook / Search "TechMentor"
- LinkedIn / Search "TechMentor"

CONTENTS

ENGINEERED FOR YOU @ THE SOURCE

Join us August 3 – 7, 2015 for 5 days of immediately usable IT education, engineered just for you! TechMentor is once again bringing its unique brand of independent, real-world training to the heart of it all—Microsoft Headquarters in Redmond, WA.

The focus will be on the entire Microsoft System Center family as a basis for better availability, responsiveness, and automation. There will be a record-breaking amount of PowerShell coverage centered on building reusable automation units. Other key technologies in your datacenter will be covered as well, including virtualization, core networking, ethical hacking, and more.

Plus you'll be at the source, Microsoft HQ, where you can have lunch with Blue Badges, visit the company store, and experience life on campus for a week!

You owe it to yourself, your company and your career to be at TechMentor Redmond 2015!

A MESSAGE FROM THE CO-CHAIRS

Don Jones & Greg Shields

Hello!

We wanted to take this opportunity to personally invite you to Microsoft's world headquarters in Redmond, Washington, for an all-new edition of TechMentor!

As always, this TechMentor will be the best event for deep-dive, relevant content focused on Microsoft-centric IT environments. We're providing a session agenda that consists primarily of 3-hour sessions, giving you 3x the face-time with expert presenters, 3x the educational time, and 3x the content. We're mixing in 75-minute breakout sessions to make sure you're up to speed on the latest new technologies, techniques, and best practices. And, of course, we're providing you with unique and fun opportunities to speak informally with our presenters, your colleagues, and our event team. There's really no better way to sharpen your tech skills and prepare yourself for the future.

This year, we are doing one thing just a bit differently. In the past, we've commonly organized our agenda around technologies, like PowerShell, Windows, and System Center. But as our datacenters become more and more integrated, and as we start to engage hybrid services, those technology lines get a bit blurred. So we've re-organized our content this year into tracks that we think better reflect how you use technology: Management Automation. Configuration Management. Troubleshooting. App and OS Deployment. Ethical Hacking. Even Soft Skills, to help you grow in your

career. We think this revised focus will help us offer even better content that's even more applicable to your current, real-world needs.

You should know, however, that TechMentor is an independent conference. As such, we don't offer the marketing-laden "sessions" that many large events offer. You won't be dumped into a room with 10,000 other people for lunch. Instead, you'll find incredibly real-world sessions with speakers who look forward to discussion time and to answering your questions. We cap registration to ensure a boutique event that offers every attendee as much one-on-one time as they want, with numerous events geared specifically to engender small-group conversations.

We hope you'll take a minute to check out the conference agenda at www.TechMentorEvents.com. We're excited about the number of bring-your-own-laptop hands-on opportunities we've scheduled, and about the many high-powered presenters we've lined up. We hope to see you there!

Don Jones
Curriculum Director for IT
Pro Content, *Pluralsight*
TechMentor Conference Co-Chair

Greg Shields
Author Evangelist, *Pluralsight*
TechMentor Conference Co-Chair

TOP
REASONS YOU SHOULD ATTEND TECHMENTOR REDMOND
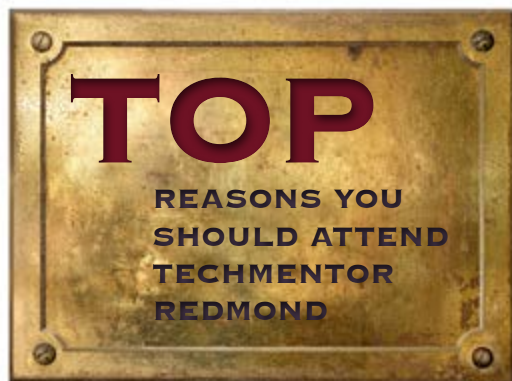
1 YOU'LL EXPERIENCE TRAINING AT THE SOURCE. Attending a live conference STILL remains the best way to stay current in the ever-changing IT industry. TechMentor covers all the topics you want and need to hear about, plus it takes place at THE source– the idyllic Microsoft Headquarters in Redmond, WA!

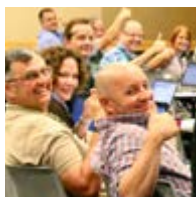**2 IN-DEPTH, RELEVANT TRAINING ENGINEERED FOR YOU.** TechMentor is an independent, real world training event. We'll talk some about what's coming, but mostly we're concentrating on education you can use right NOW. Walk away with immediate, applicable solutions to your everyday IT problems that you can implement within your organization.

3 THE FOCUS: YOUR DATACENTER. All the content in 2015 is focused on how to make your datacenter more modern, capable and manageable. That doesn't mean we want you to update to the latest and greatest; we'll have plenty of modernization tips for the solutions and operating systems you have right now, and we'll help you prepare for the next generation of Microsoft technologies.

4 GET YOUR HANDS-ON TRAINING HERE. We offer six (6) hands-on labs—*laptops required*— covering everything from Windows troubleshooting to Benchmarking UX to working with Big Data tools. Bring your laptop and get hands-on!

5 ADDRESS YOUR IT ISSUES WITH THE BEST. In sessions, pre- and post-conference deep dives, keynotes and networking events, you'll have access to the expertise of independent IT veterans and Microsoft insiders dedicated to not only providing the best training, but to helping you answer your most difficult IT questions.

6 WE GIVE YOU THE CHANCE TO DIVE DEEP. Most of TechMentors sessions aren't overviews. They're 3 hour, content-rich deep dives, allowing amply time to dig into the details of today's technology. We devote 3+ days to deep dives in August.

7 SEE WHAT LIFE IS LIKE ON THE INSIDE. TechMentor is BACK at Microsoft Headquarters in Redmond, WA. Get inside this technological mecca— you'll have the chance to explore the campus, visit the employee-only area of the company store, lunch with Microsoft employees, and more!

8 GROW YOUR NETWORK. There's plenty of time between sessions, during meals, and at any of the scheduled activities to get to know your fellow attendees, learn from their experiences, and share a few of your own.

9 YOUR VOICE WILL BE HEARD. TechMentor Redmond is a boutique IT conference, and it's for a reason! The smaller conference size allows attendees to have one-on-one time with both speakers and fellow attendees. Take advantage of time between sessions, meals and networking events to mix and mingle—IT education doesn't stop after sessions are over.

10 YOUR CAREER DESERVES NOTHING LESS. We only allow unbiased, technical training from today's most renowned and experienced IT experts. Period.
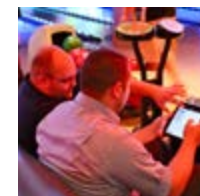
ACTIVITIES & EVENTS

YOUR ATTENDANCE AT TECHMENTOR REDMOND is about learning from your peers as well as the experts; make the most of your time with us and add these events and activities to your itinerary!

Access to the Microsoft Company Store

You bring the money, we get you the special access!

Monday, August 3 & Thursday, August 6

All TechMentor Redmond event attendees will have the opportunity to visit the Microsoft Company Store during their time at the conference and have access to the employee-only discount area. The company store's discount area is typically only open for Microsoft employees to purchase select Microsoft products at discounted prices, so you won't want to miss out on this great opportunity!

Popular home-use software titles such as Windows 8.1, Office 2013, Office for Mac, and Streets and Trips are available. XBOX 360 accessories and a selection of XBOX games are offered at significant savings. At the Redmond campus location, you will find one of the largest selections of Microsoft-branded PC hardware in any retail store. PC Hardware offered includes Keyboards and desktop sets, Mice, Webcams and more.

TechMentor Redmond event attendees will qualify for a pass that allows them access to the special discounts normally reserved only for Microsoft employees. Due to the amazing deals, each attendee is allowed to spend up to a maximum of $120.

Visit the Microsoft Visitor Center

The Microsoft Visitor Center is open to all employees and visitors to the Microsoft campus. Come share in the excitement of their discoveries, explore some of the latest products, and meet some of the people whose ideas and creativity make Microsoft a world leader in the computer and software industry.

Meet the Pros

Let's face it—our talented team of speakers is the main reason you head to TechMentor events. They share your interest in the latest technologies while refusing to abandon challenging applications out there already. So why not get to know them in a different light during the breaks and networking opportunities we have planned for you in Redmond? Kick back with the people who love sharing their knowledge and experience to help you get where you want to be professionally

Restrictions apply:

Attendees will be given a voucher/form that allows them access to the employee only discount area to spend up to $120 of their own money on select Microsoft products.

All attendees must have a valid driver's license that matches the name on the voucher.

If using a credit card for payment, the name on the card must match the name on your voucher and identification.

If you are employed by a government agency or a school or university, you are not eligible for the discount pass due to Microsoft policy.

ACTIVITIES & EVENTS (CONTINUED)

Dine-A-Round Dinner
Monday, August 3

Join other conference attendees and speakers for a casual, no-host dinner and make a few new friends while enjoying the fun and delicious restaurants in the Bellevue area. This is your opportunity to meet fellow attendees and start friendships that can last for the week or even longer. Attendees can break into smaller groups based on where everyone wants to dine and head off to dinner. Everyone is responsible for their own dinner.

Lunch with the Blue Badges
Monday, August 3 & Thursday, August 6

On Monday and Thursday, TechMentor attendees will have the opportunity to have lunch with the Blue Badges at The Mixer, the Microsoft employee lunch area with over 10 different restaurant options to choose from. These two extended lunch periods are also the perfect time to visit the Microsoft Visitor Center and the Microsoft Company Store. Shuttle service to and from the Commons, as well as "lunch money" will be provided as part of your TechMentor registration.

Microsoft Ask the Experts & Exhibitor Reception
Tuesday, August 4

TechMentor Redmond's Exhibitor Reception will be combined with a Microsoft Ask the Experts session, where you'll get a chance to talk with Microsoft product team members and speakers. Enjoy drinks and snacks while you explore the TechMentor exhibits, network with fellow attendees and get answers to your questions for the experts and the exhibitors.

Birds-of-a-Feather Lunch
Wednesday, August 5

Enjoy lively lunchtime discussions by joining one of our table topic conversations. Tables will have a designated topic to help start discussions and interact with your fellow attendees. You may even learn a new trick or two or some great tips to take back to the office!

We will also have designated speaker tables—noted with the speakers name. Join your favorite speaker for a lunchtime discussion or just to ask questions or clarify anything from their sessions.

All seating is on a first come basis. Enjoy!:

Birds-of-a-Feather Table Topics:

• This PowerShell Module I Built…

• Exchange Server or Office 365? FIGHT!

• Accidental IIS Administrator, HELP!

• PowerShell DSC, Awesome or Awful?

• We are/aren't Migrating to Server 2012 R2 because…

• I Automated Hyper-V Administration and it…

• Share One Nifty Trick in Managing Desktops

• What Works for IT Certification Prep?

• IT Training, Classroom or Computer-based?

• So, I've Got this Neat System Center Automation to Share

• Accidental SQL Administrator, HELP!

• We're Ready for Azure, but I'm Not

• Security / Ethical Hacking

Lucky Strike Evening Out Party
Wednesday, August 5

Rock your content on campus by day, roll your way to fun Wednesday night! Head to Lucky Strike in Bellevue (located next to the conference hotel) for a rousing good time. Network with your fellow attendees and speakers, bowl a few frames, shoot a little pool or channel your inner teenager at the arcade. Plus, enjoy food, drinks and a great atmosphere!

AGENDA AT-A-GLANCE

TechMentor Redmond Tracks	Automating Configuration Management	Deploying Apps and Operating Systems	PowerShell and Advanced Windows Administration	Soft Skills for IT Pros	Security and Ethical Hacking	Advanced Troubleshooting	Microsoft in the Cloud	Managing Microsoft Servers and Services

START TIME	END TIME	TechMentor Pre-Conference Deep Dives: Monday, August 3, 2015 *(Separate entry fee required)*		
8:00 AM	9:00 AM	Pre-Conference Registration – Coffee and Morning Pastries		
9:00 AM	12:00 PM	**M01** - Windows Troubleshooting Deep Dive: BSODs, Server Hangs, and Performance Issues (BYOL-HOL) *- Bruce Mackenzie-Low*	**M02** - Fundamentals of PowerShell Automation *- Jeffery Hicks*	**M03** - Windows OS Internals Black Belt *- Sami Laiho*
12:00 PM	2:30 PM	Lunch @ The Mixer – Visit the Microsoft Company Store & Visitor Center		
2:30 PM	5:30 PM	**M01** - Session Continues	**M02** - Session Continues	**M03** - Session Continues
7:00 PM	9:00 PM	Dine-A-Round Dinner		

START TIME	END TIME	TechMentor Day 1: Tuesday, August 4, 2015			
7:30 AM	8:30 AM	Registration – Coffee and Morning Pastries			
8:30 AM	9:30 AM	**Keynote: Demystifying the MCSE—Revealing the Secrets to Microsoft Certification** *Liberty Munson, PhD, Principal Psychometrician and Quality Lead, LeX Validation, Microsoft Learning Experiences*			
9:45 AM	12:45 PM	**T01** - The Absolute Beginner's Guide to Advanced VMM Networking *- Greg Shields*	**T02** - System Center Service Management Automation for the Uninitiated *- Jason Helmick*	**T03** - RemoteApp Deep Dive: Delivering Seamless Remote Applications from Your Datacenter and from Azure *- Benny Tritsch*	**T04** - Ethical Hacking: Reconnaissance and Information Gathering *- Mike Danseglio & Avril Salter*
12:45 PM	2:15 PM	Lunch – Visit Exhibitors			
2:15 PM	3:30 PM	**T05** - The DSC v4/v5 Crash Course *- Don Jones*	**T06** - Regular Expressions, Windows PowerShell, and You *- Tim Warner*	**T07** - Migrating Windows Failover Clusters with Confidence *- Bruce Mackenzie-Low*	**T08** - Go from Zero to Hero in 75 Minutes With a HyperConverged All-Flash Infrastructure That Will Make Your Data Center Rock! *– Kelly Murphy*
3:30 PM	4:00 PM	Sponsored Break – Visit Exhibitors			
4:00 PM	5:15 PM	**T09** - Notes from the Field: Top PowerShell DSC Gotchas and Best Practices *- Jason Helmick*	**T10** - PowerShell Remoting Best Practices *- Jeffery Hicks*	**T11** - Advanced Microsoft Visio for the IT Professional *- Tim Warner*	**T12** - To Be Announced
5:15 PM	6:30 PM	Microsoft Ask the Experts & Exhibitor Reception – Attend Exhibitor Demos			

BYOL-HOL—Bring Your Own Laptop for Hands-On Labs. See session description for prerequisites.

Speakers and sessions subject to change.

AGENDA AT-A-GLANCE (CONTINUED)

TechMentor Redmond Tracks	Automating Configuration Management	Deploying Apps and Operating Systems	PowerShell and Advanced Windows Administration	Soft Skills for IT Pros	Security and Ethical Hacking	Advanced Troubleshooting	Microsoft in the Cloud	Managing Microsoft Servers and Services

START TIME	END TIME	TechMentor Day 2: Wednesday, August 5, 2015			
7:30 AM	8:00 AM	Registration – Coffee and Morning Pastries			
8:00 AM	9:00 AM	**Keynote: Microsoft 2015—What to Expect, Where to Focus** *Don Jones, Curriculum Director for IT Pro Content, Pluralsight*			
9:15 AM	12:15 PM	**W01** - Configuration Management with Chef and Windows PowerShell DSC - (BYOL-HOL) - *Steven Murawski*	**W02** - Managing SharePoint Databases in SQL Server - (BYOL-HOL) - *Tim Warner*	**W03** - Preparing for a Faster Microsoft OS Release Cycle - *Orin Thomas*	**W04** - Ethical Hacking: Network Penetration, Snooping, and Denial of Service - *Mike Danseglio & Avril Salter*
12:15 PM	2:00 PM	**Birds-of-a-Feather Lunch** – Visit Exhibitors – Exhibitor Raffle @ 1:40 pm (Must be present to win)			
2:00 PM	5:00 PM	**W05** - Datacenter Automation with System Center Orchestrator - *Kunal D Mehta*	**W06** - The Absolute Beginner's Guide to Advanced AD Certificate Services - *Greg Shields*	**W07** - Notes from the Field: Benchmarking User Experience in Virtual Desktops - (BYOL-HOL) - *Benny Tritsch*	**W08** - Windows Security Internals Black Belt - *Sami Laiho*
8:00 PM	10:00 PM	**Lucky Strike Evening Out Party**			

BYOL-HOL—Bring Your Own Laptop for Hands-On Labs. See session description for prerequisites.

Speakers and sessions subject to change.

"The BYOL classes were outstanding! Hands-on labs and real world examples furthered my understanding of the Powershell product. The conference instructors were open to questions anytime!"

- Harry Mace Highlands Health Systems

AGENDA AT-A-GLANCE (CONTINUED)

TechMentor Redmond Tracks	Automating Configuration Management	Deploying Apps and Operating Systems	PowerShell and Advanced Windows Administration	Soft Skills for IT Pros	Security and Ethical Hacking	Advanced Troubleshooting	Microsoft in the Cloud	Managing Microsoft Servers and Services

START TIME	END TIME	TechMentor Day 3: Thursday, August 6, 2015			
8:30 AM	9:00 AM	Registration – Coffee and Morning Pastries			
9:00 AM	12:00 PM	**TH01** - Deploying and Maintaining IIS with PowerShell DSC - *Jason Helmick*	**TH02** - Secure Access from Everywhere! Implementing DirectAccess with Windows Server 2012 R2 - *Richard Hicks*	**TH03** - Deploying Windows Apps in the Cloud with Azure RemoteApp - (BYOL-HOL) - *John O'Neill, Sr.*	**TH04** - The Ultimate PowerShell Toolmaking Deep Dive - *Don Jones*
12:00 PM	2:00 PM	**Lunch @ The Mixer** – Visit the Microsoft Company Store & Visitor Center			
2:00 PM	5:00 PM	**TH05** - Using Big Data Tools to Analyze Log Files, Event Logs and Performance Metrics - (BYOL-HOL) - *Hal Rottenberg*	**TH06** - Using Microsoft Azure Site Recovery for Easy, Secure, Off-Site Backup - *John O'Neill, Sr.*	**TH07** - Comprehensive Operating System Deployment with SCCM and MDT - *Benjamin Rampe*	**TH08** - AD RMS, BitLocker, IPSec, and EFS: Protecting Files in Transit and at Rest - *Orin Thomas*

START TIME	END TIME	TechMentor Post-Conference Deep Dives: Friday, August 7, 2015 *(Separate entry fee required)*	
8:30 AM	9:00 AM	Post-Conference Registration – Coffee and Morning Pastries	
9:00 AM	12:00 PM	**F01** - Moving Your Perimeter Network into Microsoft Azure - *Orin Thomas*	**F02** - Security, the Cloud, and You - a Practitioner's Viewpoint - *Laura Hunter*
12:00 PM	1:00 PM	Lunch	
1:00 PM	4:00 PM	**F03** - Integrating Office 365 with Active Directory, Step by Step - *John O'Neill, Sr.*	**F04** - Automating Software Installs with PowerShell - *Adam Bertram*

BYOL-HOL—Bring Your Own Laptop for Hands-On Labs. See session description for prerequisites.

Speakers and sessions subject to change.

"Overall, this conference was awesome. Not one boring session and excellent speakers. Topics were relevant to today's tech. I will put some of what I learned to use as soon as I get back."

- Steve Harper, PC Support Engineer, Lake Trust Credit Union

KEYNOTES

Get the lowdown on current Microsoft strategy, and learn to "keep up" with where the company is going. Strengthen your career and sharpen your mind with awesome "insider" keynotes and general addresses.

Tuesday, August 4, 8:30 – 9:30am

Demystifying the MCSE—Revealing the Secrets to Microsoft Certification

Liberty Munson, PhD,
Principal Psychometrician and Quality Lead, LeX Validation, Microsoft Learning Experiences

Ever taken a certification exam and wondered how it all came together? How were the questions written? Why there are so many questions on a particular skill and fewer on a different skill? How were those questions' difficulty determined, weighted, and scored?

Or, have you been considering certification but not yet taken the leap? Are you wondering about the value of certification, and how it can benefit you? Given the costs and time associated with certification, you might question certification's return on investment. Is it worth it? Will it be relevant into the future?

Get the answers to these and other questions from Liberty Munson, Microsoft's Principal Psychometrician in this not-to-miss TechMentor keynote. In this hour-long fireside chat with TechMentor co-chair Greg Shields, she will discuss research showing the benefits IT Pros receive from becoming certified. She'll explain how Microsoft designs and develops its MCSE certification program to ensure ongoing relevance and value. You'll leave with the "secret" knowledge of how certification can help you build a successful career in IT.

Wednesday, August 5, 8:00 – 9:00am

Microsoft 2015—What to Expect, Where to Focus

Don Jones,
Curriculum Director for IT Pro Content, Pluralsight

There's a lot happening at Microsoft these days—way more than just Windows 10. But because Microsoft isn't shouting about all of it, some of these developments are easy to miss—but you'll want to pay attention. Join TechMentor co-chair and Microsoft MVP Don Jones for a look at what to expect from Microsoft in 2015—and a bit beyond. He'll help you figure out what's going to be important for your organization and for your career, and offer advice for where to focus your attention, your effort, and your implementations.

> "The Keynote speakers were engaging, thought provoking and informative. Wonderful location and well laid out."
>
> *– Jeff Byers, Experis IT*

SESSION DESCRIPTIONS BY TRACK

AUTOMATING CONFIGURATION MANAGEMENT

**Configuration Management will be huge in the Microsoft world in 2015, and TechMentor has the training you'll need to keep up.
Dive deep into Desired State Configuration, Orchestrator, SMA, and other Microsoft—and non-Microsoft—technologies for automating configurations.**

■ **T02** - System Center Service Management Automation for the Uninitiated *– Intermediate / Advanced*

Jason Helmick
Tuesday, August 4, 9:45am – 12:45pm

Your datacenter/cloud is growing at a rapid rate and you need to start automating management tasks or you'll soon be completely overwhelmed. You may have started using System center Orchestrator, but now it's time to step up to SMA. Not sure how to begin? Let automation expert and PowerShell MVP Jason Helmick guide you through the ins and outs of going beyond the basics and turning SMA into your cloud automation solution.

You will learn:
• How to implement and manage SMA
• How to monitor and react to events
• How to automate provisioning and maintenance tasks

■ **T05** - The DSC v4/v5 Crash Course
– Intermediate / Advanced

Don Jones
Tuesday, August 4, 2:15 – 3:30pm

Learn how to use Microsoft's new Desired State Configuration—including all-new information applicable to PowerShell v5. PowerShell MVP Don Jones, principle author of *The DSC Book,* will guide you through DSC's many options for creating documented server configurations that always stay on-track. You'll learn about the DSC Resource Kit, Pull Server infrastructure planning, GUID tracking approaches, and much more. Don even includes real-world examples from customers who are actively using DSC in production.

You will learn:
• About different approaches to configuration modularization
• How to design build/test/production environments using DSC
• What does and doesn't work for DSC reporting

■ **T08** - Go from Zero to Hero in 75 Minutes With a HyperConverged All-Flash Infrastructure That Will Make Your Data Center Rock! *– Intermediate*

Kelly Murphy
Tuesday, August 4, 2:15pm – 3:30pm

Kelly Murphy, Founder and CTO for Gridstore™, the leader in hyper-converged all flash infrastructure for the Microsoft Cloud-Inspired Data Center will demonstrate how you can "Go from Zero to Hero in 75 Minutes With a HyperConverged All-Flash Infrastructure That Will Make Your Data Center Rock!"

• What is a HyperConverged Infrastructure (HCI) and what are the IT trends driving it?
• What are the best use cases and workloads to maximize HCI?
• What are the best practices in designing and deploying an HCI?
• How does the Gridstore HCI integrate with Microsoft System Center, Azure, and ASR?

Attendees will learn how the first affordable All-Flash Hyper-Converged infrastructure that is purpose-built for Microsoft Cloud environments can reduce their infrastructure costs by 4x-8x while radically simplifying their environment and lower their management costs by up to 10x.

■ **T09** - Notes from the Field: Top PowerShell DSC Gotchas and Best Practices *– Intermediate / Advanced*

Jason Helmick
Tuesday, August 4, 4:00 – 5:15pm

Accelerate your ability to effectively use Desired State Configuration in your environment by avoiding the pitfalls. Whether you're new to managing deployments and drift with DSC, or an experienced ol' hand, let PowerShell MVP Jason Helmick take you through the most common stumbling blocks. Learn best practices to improve your configuration mastery.

You will learn:
• How to avoid the most common Gotcha's using DSC
• How to get going in the right direction following the Best Practices
• How to gain a deeper understanding of how to use DSC

■ **W01** - Configuration Management with Chef and Windows PowerShell DSC
🕐 *(BYOL-HOL) – Introductory / Intermediate*

Steven Murawski
Wednesday, August 5, 9:15am – 12:15pm

Business needs IT to be more responsive than ever. Waiting six weeks for new environments or other lengthy delays in provisioning new machines or updating existing services is becoming a detriment to IT departments across industries and government.

Server deployment and configuration is one of the biggest sources of delay. Configuration documentation is often out of date or missing and not due to any particular malicious action or intentional neglect on the part of IT Pros.

🕐 *BYOL-HOL—Bring Your Own Laptop for Hands-On Labs.*

SESSION DESCRIPTIONS BY TRACK (CONTINUED)

Declarative configuration management systems change that dynamic. Tools like Chef and Desired State Configuration offer a way to document systems in a readable manner that is also executable. The benefit of executable documentation is that it's always up to date, since that's what's running on machines in active use. These systems also prevent configuration drift, keeping them configured as the IT Pro's have described.

Chef offers a robust platform and rich ecosystem of tools and patterns for effectively managing server configurations. Desired State Configuration (DSC) provides Windows Server with a common API for configuration management tasks. Chef can natively leverage DSC resources, offering you the best of both platforms. Join me for this hands-on, interactive session and use Chef and DSC to configure and manage a custom workload running on Windows Server.

You will learn:
• How to use Chef to configure a fresh Windows Server machine
• How to take the machine from a base install using Chef and Desired State Configuration (DSC) to configure various roles and features required to deploy a custom application
• How to use Chef and DSC to migrate to a newer version of the application
• How to use Chef and DSC to bring your machine back into compliance after unauthorized changes are made manually

---

■ **W05** - **Datacenter Automation with System Center Orchestrator** – *Intermediate / Advanced*
Kunal D Mehta
Wednesday, August 5, 2:00 – 5:00pm

With the evolution of modern datacenter technologies, automation has taken the center stage for connecting all heterogeneous components of the IT infrastructure

to give you end to end IT process automation. This is crucial to ensure smooth functioning of today's IT; from scaling and auto remediation to self-service or any other critical service. Without automation, all these tasks would be burdened on the Administrator to be done manually.

Products like SCOM, SCCM have been in the market since quite some time and are heavily used in a lot of organizations. But in comparison, the power of System Center Orchestrator has been largely untapped—primarily because it's relatively a newer member to the System Center family.

This session will dig deep into the capabilities of System Center Orchestrator—starting with basic system automation, infrastructure automation, self-service workflows, SM runbooks, and integration with other System Center products for auto remediation, service deployment, Exchange, SharePoint and Active Directory and the product's integration with 3rd party products.

Demos showcased will be real-world scenarios to get a comprehensive grip of Orchestrator's implementation in production. After the session, attendees will have enough knowledge to "go-home and deploy."

As a result, the infrastructure becomes more dynamic, the administrator's workload decreases and the business becomes more efficient and agile in handling its IT resources.

You will learn:
• About the components of System Center Orchestrator and how it works
• How to design production ready runbooks for end to end IT process automation
• How to integrate with third party products through the Web service and custom integration packs
• How it affects the business directly or indirectly in terms of the money or the workload on the administrator

---

ABOUT HANDS-ON LABS ⬇

Bring your own laptop to participate in the Hands-On Lab with the speaker. Please note specific laptop requirements and prerequisites for each session.

■ **TH01** - **Deploying and Maintaining IIS with PowerShell DSC** – *Intermediate / Advanced*
Jason Helmick
Thursday, August 6, 9:00am – 12:00pm

Utilizing the latest Desired State Configuration (DSC) resources, you can discover all your options in deploying IIS and Web sites. Learn what's available off-the-shelf and know when it's time to create your own custom resource. Let renowned PowerShell and IIS expert Jason Helmick guide you through the settings you need to manage in IIS with DSC.

You will learn:
• How to deploy IIS and additional websites with available DSC resources
• How to manage drift and updates with DSC
• Discover insights into creating custom DSC resources for IIS

SESSION DESCRIPTIONS BY TRACK, CONTINUED

DEPLOYING APPS AND OPERATING SYSTEMS

Apps are where it's at. Learn how to update your app-and-OS deployment procedures to use the latest techniques, and save yourself a ton of time and hassle. We've assembled some of the hottest experts in the field to cover OSD, RemoteApp, and more.

■ T03 - RemoteApp Deep Dive: Delivering Seamless Remote Applications from Your Datacenter and from Azure – *Intermediate / Advanced*
Benny Tritsch
Tuesday, August 4, 9:45am – 12:45pm

Instead of using virtual desktops, many users want their remote apps embedded in their local desktops. Microsoft RemoteApp lets you run hosted Windows programs alongside local programs. This makes RemoteApp programs appear as if they are running on the user's local PC or tablet. Join Benny Tritsch in his expert session on how Windows Server 2012 R2 RemoteApp works and how to use it in a way that provides great user experience in Software as a Service delivery models. He walks you through advanced RemoteApp configuration and management best practices, including runbook automation using PowerShell.

In his session, Benny Tritsch also dives into Azure RemoteApp, explaining the underlying concepts and performing a cloud-based deployment. He'll also cover more advanced Hybrid Deployment including setting up connectivity to on-premises servers and creating custom templates. A particular highlight of the session is an advanced module discussing Azure RemoteApp performance metrics and Azure RemoteApp

management with Azure PowerShell Cmdlets. Other topics covered are pricing, licensing and SLAs.

You will learn:
- How to master Microsoft Windows Server 2012 R2 RemoteApp
- How Azure RemoteApp really works
- How to deliver RemoteApp programs from your datacenter and from Azure

■ W03 - Preparing for a Faster Microsoft OS Release Cycle – *Intermediate*
Orin Thomas
Wednesday, August 5, 9:15am – 12:15pm

In the old days, infrastructure server deployments were fixed points in your datacenter. You'd deploy an infrastructure server with the assumption it would be in service for many years before two or more major versions would be released and the infrastructure server would be outdated. With Microsoft's new accelerated release schedule, you'll be seeing new server operating systems on a much more frequent basis and your infrastructure servers will become relics faster. The days of deploying core infrastructure services, like DNS, DHCP, DFS and Certificate Services on a server and treating them as fixed long term deployments are gone. In this three hour session, I'll take you through how you can prepare to migrating core infrastructure services to newer platforms every couple of years and how not to treat infrastructure services as fixed points in your datacenter.

You will learn:
- An understanding of the changes that are occurring with the Microsoft OS release cycle
- How to evaluate a suitable OS deployment strategy based on the faster OS release cycle
- The tools that can be leveraged to implement an OS deployment strategy based on the faster OS release cycle

■ W07 - Notes from the Field: Benchmarking User Experience in Virtual Desktops
🕐 *(BYOL-HOL) – Intermediate / Advanced*
Benny Tritsch
Wednesday, August 5, 2:00 – 5:00pm

When planning to deploy Windows desktops and applications in modern cloud and mobility environments, acceptable user experience is an important success factor. Unfortunately, traditional benchmarking parameters—such as frame rates and system performance counters—don't entirely represent the perceived user experience on a remote client. Aspects like client capabilities, media redirection, changing network conditions, compression artefacts, media asynchrony or remote UI response time delays introduce significant new challenges.

Join RDS MVP Benny Tritsch in his session about successfully benchmarking user experience performance in remote sessions and virtual desktops. He introduces you to a working set of acceptance criteria and a proven test methodology you can adapt for your own RDS, VDI or SaaS environment. Get expert guidance on which components are required to build your own remote UX performance test lab. In hands-on exercises and demos you will learn how to define effective test scenarios and metrics, build test control and automation scripts, collect performance and telemetry data, create screen recordings of test sequences and convert raw results into great reports.

One of the session highlights is the visual comparison of virtual desktops and RemoteApp UX performance under different network conditions introduced by a WAN emulator. Examples from an archive of several thousand videos with recorded test sessions collected over the last years will show you the difference between good and bad user experience in VDI and cloud environments.

🕐 *BYOL-HOL—Bring Your Own Laptop for Hands-On Labs.*

SESSION DESCRIPTIONS BY TRACK, CONTINUED

You will learn:
- How to benchmark remote user session and virtual desktop performance
- About test criteria and success factors when benchmarking VDI user experience
- How to build your own remote UX test lab

■ TH03 - Deploying Windows Apps in the Cloud with Azure RemoteApp
🔘 (BYOL-HOL) – *Introductory / Intermediate*
John O'Neill, Sr.
Thursday, August 6, 9:00am – 12:00pm

Easily extend anytime, anywhere, any device access to critical business applications using Microsoft Azure RemoteApp. Organizations no longer need take on steep development costs to provide mobile device access to Windows applications. Leveraging Azure RemoteApp, Windows, OS X, iOS, and Android devices become key productivity tools. Organizations can deploy software from everyday apps such as Office to line of business apps including ERP or CRM solutions. Azure RemoteApp provides unprecedented scaling, quickly adjusting to changing business or workforce demands.

You will learn:
- How to deploy a Windows application through Azure RemoteApp
- How to create a RemoteApp Collection
- About supported authentication methods
- The difference between BASIC and STANDARD scale options

■ TH07 - Comprehensive Operating System Deployment with SCCM and MDT – *Intermediate / Advanced*
Benjamin Rampe
Thursday, August 6, 2:00 – 5:00pm

Learn proven techniques and strategies for operating system deployment. In this session, you'll learn advanced concepts, practices, and implementation details for solutions to the top customer requirements and issues encountered with operating system deployment (OSD) with ConfigMgr and MDT. Most, if not all, the ideas and content in this presentation are original and the product of years of customer engagements and proven results.

You will learn:
- How to improve the reliability of operating system deployments while reducing complexity, administrative overhead, and deployment time
- How to implement customizations to enable new, and enhance existing, migration and recovery scenarios (even for non-bootable systems)
- About the latest updates, best practice guidance, and workarounds to known issues

■ F04 - Automating Software Installs with PowerShell – *Intermediate / Advanced*
Adam Bertram
Friday, August 7, 1:00 – 4:00pm

ConfigMgr admins in charge of deploying software consistently face problems with varying software install methods across software vendors. One install method that works on one package may not work the same across another package. Some software may even require registry tweaks, files copied and so on. By leveraging Powershell on the client, it's possible to

standardize and automate these processes by utilizing a single Powershell module.

Whether you're building an InstallShield, Windows Installer or other type of installer package it's possible to utilize Powershell to create a standard methodology across all to create a consistent method of creating easy to understand and reliable software installs and uninstalls.

This session will discuss a Powershell module including dozens of functions created from real world experience that has helped to greatly reduce the time required to build software uninstall and installer scripts.

You will learn:
- Various techniques at automating software installs and uninstalls with Powershell
- How to create a predictable software installation experience that will work not only on a few clients but all of your clients, consistently
- How to use various Powershell functions that build an entire software management toolset that they can immediately apply in their environment

> "I learn new ways of doing things every year! My brain won't shut off from all the possibilities of things I can now fix at work."
>
> *- Bruce Seaman, Ameritas*

🔘 *BYOL-HOL—Bring Your Own Laptop for Hands-On Labs.*

SESSION DESCRIPTIONS BY TRACK, CONTINUED

POWERSHELL AND ADVANCED WINDOWS ADMINISTRATION

TechMentor brings you an unprecedented, best-in-the-world level of Windows PowerShell coverage, along with other must-have topics on advanced administration and Windows internals. Become the Windows guru you were always meant to be!

■ M02 - Fundamentals of PowerShell Automation – *Introductory / Intermediate*
Jeffery Hicks
Monday, August 3, 9:00am – 5:30pm

This is a full day (sxi hour) workshop for IT Pros with minimal to moderate PowerShell experience. The goal of this workshop is to give you enough knowledge to put PowerShell to work for you. Even if you have some PowerShell experience, this workshop will solidify what you already know and fill in some gaps you probably didn't realize you had. If your PowerShell knowledge is minimal, this workshop will give you a jump-start. During the day we'll come to understand the PowerShell paradigm, PowerShell remoting, PowerShell scripting and in general how to automate your work with PowerShell. This will be a ride-along style session so bring a laptop with PowerShell 4 installed. Ideally, a virtualized domain environment with at least one server and one client running PowerShell 3.0 or later Demos will be shared with students at the beginning of the session.

You will learn:
• About the PowerShell Paradigm
• How to take advantage of PowerShell Remoting
• How to use the WMI and CIM cmdlets
• How to create PowerShell scripts and tools

■ M03 - Windows OS Internals Black Belt
– *Intermediate / Advanced*
Sami Laiho
Monday, August 3, 9:00am – 5:30pm

Have you ever wondered if Windows Pagefile settings should be changed or how they actually work? Have you ever wondered what the values in Task Manager actually mean – like Paged Pool, Working Set or Free memory? Do you know how a file actually gets cached and finally written to the disk or how threads communicate with each other? Have you ever wondered what Mutexes or Semaphores in Process Explorer really mean? These are some examples of the aspects of Windows Sami Laiho teaches in his Windows Internals class around the world. Now you have a great opportunity to attend this bootcamp style one day version of this globally awarded four day class! When faced with an unknown problem to solve it's easier to see what's wrong when you know what's not. Every troubleshooter benefits from knowing how Windows is actually built!

You will learn:
• How the Windows core kernel and subsystems really work
• How Windows memory manager works
• About best practices on how to configure performance settings without compromising stability and manageability

■ T06 - Regular Expressions, Windows PowerShell, and You – *Introductory / Intermediate*
Tim Warner
Tuesday, August 4, 2:15 – 3:30pm

There are probably many Windows systems administrators who spend way too much time trying to locate files and other resources by shoe-horning the old MS-DOS asterisk and question mark wildcards. How can a busy sysadmin figure out, for instance, which of their company's 10,000 documents contain personally identifiable information? Regular expressions and Windows PowerShell to the rescue!

You will learn:
• About regular expressions (their function, interoperability, and usage) intelligently with programmers, DBAs, and potentially other IT pros
• How to apply basic RegEx search patterns, including special characters, sets, ranges, qualifiers, and character classes
• How to leverage their Windows PowerShell skills by implementing regular expressions in –match expressions, Select-String statements, and the regex type accelerator
• New ways to solve old problems regarding searching in their daily work

■ T10 - PowerShell Remoting Best Practices
– *Introductory / Intermediate*
Jeffery Hicks
Tuesday, August 4, 4:00 – 5:15pm

Without the remoting feature in PowerShell, it wouldn't be very useful. But using remoting the "right" way can be a little confusing at first. In this session, you'll learn about the PowerShell remoting architecture, how to leverage PowerShell remoting and some recommended best practices.

You will learn:
• The difference between legacy and PowerShell remoting
• How to leverage PowerShell remoting in your scripts to get more done in less time
• Remoting best practices

SESSION DESCRIPTIONS BY TRACK, CONTINUED

■ W06 - The Absolute Beginner's Guide to Advanced AD Certificate Services – *Introductory / Intermediate*
Greg Shields
Wednesday, August 5, 2:00 – 5:00pm

These days, AD CS is becoming as important a network service as AD DS. Applications from Web servers to VPNs, System Center components to PowerShell all require (or strongly recommend) certificates as an authentication mechanism. You just can't operate a modern Windows environment without the ability to generate your own certificates.

The problem is building a production-worthy PKI isn't a matter taken lightly. They require planning, tiering, protection against data loss or failure, as well as ancillary services like CRLs, CDPs, online responders, and correctly-configured templates before ever generating your first certificates. Join Greg Shields for a 100 percent demo exploration of building your own AD Certificate Services infrastructure. In three hours, you'll begin with nothing and end with a production-worthy solution that's ready for users, their computers, and all your network services.

You will learn:
- About the many components of a production-worthy AD CS infrastructure, and see them deployed from start to finish in this 100% demonstration session
- The correct ways to configure a two-tier PKI using Microsoft Active Directory Certificate Services
- Step-by-step instructions you need to accomplish the same in your own environment

■ TH04 - The Ultimate PowerShell Toolmaking Deep Dive – *Intermediate*
Don Jones
Thursday, August 6, 9:00am – 12:00pm

Take your PowerShell skills to a "repeatable" level by learning how to properly create reusable tools and automation artifacts. Explore tools, controller scripts, script modules, custom views, type extensions, modularization, pipeline input and output, and much more along with community-endorsed best practices and patterns for making maintainable scripts for production use. PowerShell MVP Don Jones, co-author of *Learn PowerShell Toolmaking in a Month of Lunches,* takes you through every topic with from-scratch examples that you'll be able to download after class. This is not a hands-on lab, and you will probably fall behind if you attempt to "follow along," but you'll get every script, function, and file after class. You'll also receive a PDF "Lab Guide" that you can use to drive at-home practices that will help reinforce what you learned.

You will learn:
- How to use best practices and patterns to create reusable tools and controllers
- How to design scripts that adhere to native PowerShell usage patterns
- How to create custom views, script modules, and other advanced units of automation

SOFT SKILLS FOR IT PROS
Being a successful IT Pro requires more than just technology skills. TechMentor helps boost your career with a selection of "soft skills" presentations from some of the industry's most experienced instructors and motivational speakers.

■ T11 - Advanced Microsoft Visio for the IT Professional – *Intermediate*
Tim Warner
Tuesday, August 4, 4:00 – 5:15pm

IT professionals often need to model business processes, whether for their own sanity or for submission to their boss to justify a new hardware purchase. Many IT pros fumble around with Visio, but in three scant hours we can exponentially boost your productivity with the application.

You will learn:
- How to create detailed and good-looking Visio drawings that precisely capture what is needed by the busy IT pro
- How to link a Visio drawing to a live data source, whether that source be a CSV flat file or a SQL Server database table
- How to export Visio content in a variety of formats, including PDF, HTML, XML…
- What's possible in terms of extending Visio by leveraging VBA code

SESSION DESCRIPTIONS BY TRACK, CONTINUED

SECURITY AND ETHICAL HACKING

Learn to secure your environment—and how attackers will then try to defeat your best security measures. Learn how to "think like a hacker" so you can prevent hackers from getting anywhere near your organization's valuable electronic assets. We've assembled some of the best in the industry to guide you through deep-dives on computer forensics, ethical hacking, wireless networking and more.

■ T04 - Ethical Hacking: Reconnaissance and Information Gathering – *Intermediate*
Mike Danseglio & Avril Salter
Tuesday, August 4, 9:45am – 12:45pm

Ethical hacking is the best way to find vulnerabilities on your network. Use the same tools and processes real hackers would use to conduct an attack. This session explores how hackers work and how they begin their attacks through careful planning. You'll learn how a hacker decides your assets are hack-worthy and how they begin to attack your systems without sending you a single packet. You'll also see how hackers build a network map of your enterprise; just like your own IT department does but for planning an attack on your systems. This session will include demonstrations of live hacking including social media scanning and external network footprinting.

You will learn:
• How to apply hacker techniques to examine a network
• How to determine and prioritize optimal targets for hacking
• How to select the most appropriate attack for a given asset
• How to create and implement an attack plan using hacker methodologies

■ W04 - Ethical Hacking: Network Penetration, Snooping, and Denial of Service – *Intermediate / Advanced*
Mike Danseglio & Avril Salter
Wednesday, August 5, 9:15am – 12:15pm

Once hackers build a map of your network, they'll begin conducting attacks. In this session, you'll see real-time wired and wireless network penetration attacks using current hacker tools. We'll pay special attention to wireless networks as they provide a more favorable cost:benefit to hackers. You'll see tools that silently snoop and extract data from your servers, as well as tools like the Low Orbit Ion Cannon that have only one purpose: destroy your assets. Warning: this session is not for those with weak constitutions as many of the attacks are difficult or impossible against which to defend. This session will include demonstrations of live wireless hacking and Denial of Service (DOS) attacks.

You will learn:
• How to select and attack the most vulnerable network
• How to deploy and manage network snooping and enumeration tools
• How to decimate servers and network assets with freely available hacker tools

■ W08 - Windows Security Internals Black Belt – *Intermediate / Advanced*
Sami Laiho
Wednesday, August 5, 2:00 – 5:00pm

Do you know how to bypass UAC and how to make it really secure? Do you know why Windows 7 audits hundreds of events although no auditing is enabled? Do you know the difference between security policies and group policies? Do you know how to execute Pass the Hass or Pass the Ticket attacks or how to prevent them? Do you know how Windows access tokens really get built and changed or how they can be viewed with a kernel debugger? These are examples of things that Sami Laiho teaches on this Black Belt class about how Windows security subsystem is actually built.

You will learn:
• How Windows security subsystem really works
• How to effectively troubleshoot security related issues
• How to bypass and harden Windows security barriers

■ TH08 - AD RMS, BitLocker, IPSec, and EFS: Protecting Files in Transit and at Rest – *Intermediate*
Orin Thomas
Thursday, August 6, 2:00 – 5:00pm

It's no secret that in most organizations, file and folder permissions are rarely applied properly. It's not unusual for normal users to have access to sensitive data simply because permissions haven't been applied correctly. The reality is that File and Folder permissions aren't enough to protect files on file shares. When they are copied to USB drives or sent via e-mail, all pretense of being secured goes out the window. In this demo-heavy three-hour session I'll look at the combination of technologies including AD RMS, BitLocker, IPsec and even EFS that you can use on your existing Windows Network to protect files from being opened by people who aren't authorized to do so, whether those files are located on file share, being copied off a file share, are being e-mailed over the internet, or are being stored on a FAT32 formatted USB drive.

You will learn:
• Develop an understanding of the problems around data security and the solutions that are available in Windows Server and Windows Client operating system ecosystem
• How to select an appropriate data security strategy based on the characteristics of your environment
• How to use AD RMS, BitLocker, IPSec and EFS to implement an appropriate data security strategy

🔊 *BYOL-HOL—Bring Your Own Laptop for Hands-On Labs.*

SESSION DESCRIPTIONS BY TRACK, CONTINUED

ADVANCED TROUBLESHOOTING

When things break down, who you gonna' call? Oh, right—YOU. We'll make sure you're ready with in-depth, BRING YOUR OWN LAPTOP HANDS-ON WORKSHOPS from the industry's brightest stars.

■ M01 - Windows Troubleshooting Deep Dive: BSODs, Server Hangs, and Performance Issues

(BYOL-HOL) – Advanced

Bruce Mackenzie-Low

Monday, August 3, 9:00am – 5:30pm

In this full day workshop, you'll gain hands-on experience as you practice labs with proven tools and techniques for resolving crashes, hangs and performance issues.

Buckle your seat belts and prepare yourself for an inspiring full day adventure of advanced Windows troubleshooting with Industry expert Bruce Mackenzie-Low as your guide. Slay the toughest Windows outages with confidence as you learn how to analyze BSODs, server hangs, and performance issues. Leverage free, state-of-the-art tools from Microsoft including the Windows Debugger and the Windows Performance Toolkit for executing your in-depth analysis.

This is a Bring-Your-Own-Laptop workshop, and you'll need Windows 7 or later to gain hands-on experience with labs.

You'll need at least 2GB of free disk space to install tools and stage lab materials. Power strips will be provided.

You will learn:
• Best practices for analyzing Windows crashes, hangs and performance issues
• Proven techniques for troubleshooting complex outages
• How to install the latest free tools from Microsoft ready to take back to your office

BYOL-HOL—Bring Your Own Laptop for Hands-On Labs.

■ TH05 - Using Big Data Tools to Analyze Log Files, Event Logs and Performance Metrics

(BYOL-HOL) – Intermediate / Advanced

Hal Rottenberg

Thursday, August 6, 2:00 – 5:00pm

The keys to understanding your IT environment and troubleshooting any issues are created by or contained within our systems. This machine data often comes in the form of log files, Windows event logs, and performance metrics. In order to make the most efficient use of this massive volume of information, it must first be collected and stored within a central repository, and then indexed for speedy retrieval. Let's apply some big data tools to address these challenges!

In this hands-on session, you will install Splunk, and use it to solve challenges relevant to you today. Examples may include:

Troubleshooting: My app broke! Help me to quickly find the root cause.

Security: How do I know who is logging on to what systems and devices RIGHT NOW and over the past three months?

Visibility: Our teams are siloed, and management just wants answers. I need to show anyone in the company (not just IT) what the hell is going on with IT services at any time.

DevOps: We are iterating quickly, and must understand the impact of changes as they occur.

You will learn:
• About machine data, and its importance in solving everyday IT challenges
• How to install Splunk, and use it to collect machine data
• How to find meaning in massive amounts of unstructured data

MICROSOFT IN THE CLOUD

Whether it's your cloud or someone else's, we've assembled a zero-marketing-fluff set of sessions designed to help you leverage today's "cloud" technologies. Secure access by external users, learn where it makes sense to use Azure (and where it doesn't), and use Microsoft's own Azure-scale tools in your own datacenter.

■ T01 - The Absolute Beginner's Guide to Advanced VMM Networking – *Introductory / Intermediate*

Greg Shields

Tuesday, August 4, 9:45am – 12:45pm

Whether you're a beginner or an expert, networking with Hyper-V and VMM can be surprisingly difficult. Even connecting a pair of Hyper-V hosts on a network isn't easy. The challenge gets only more difficult as you add virtual switches, logical switches, Hyper-V network virtualization, and the variety of VMM's other nifty networking bits.

Join Greg Shields in this deep dive exploration of virtual networking with System Center Virtual Machine Manager. In this 100 percent demo session, you'll explore the best ways to configure VMM's many networking components, including Hyper-V Network Virtualization, and leave with a better appreciation for VMM's abilities to connect your virtual machines together.

You will learn:
• Why VMM offers so many networking objects, and the best ways to connect them together
• How to construct a production-ready VMM infrastructure that supports complex networking and Hyper-V network virtualization
• Step-by-step instructions you need to accomplish the same in your own environment

SESSION DESCRIPTIONS BY TRACK, CONTINUED

■ TH02 - Secure Access from Everywhere! Implementing DirectAccess with Windows Server 2012 R2 – *Intermediate*
Richard Hicks
Thursday, August 6, 9:00am – 12:00pm

With today's highly mobile workforce, secure access regardless of location is essential for maintaining productivity. DirectAccess, a remote access technology included with Windows Server 2012 R2, is a paradigm shift in the way remote access is delivered. DirectAccess provides always-on, seamless and transparent remote access any time a client is connected to the Internet. With DirectAccess, users access data and applications remotely in exactly the same way as in the office. Network communication is protected using IPsec encryption and authenticated using Kerberos, NTLM, and certificates. DirectAccess connectivity is bi-directional, enabling compelling manage-out capabilities not available with tradition VPN solutions.

You will learn:
- What platform technologies comprise DirectAccess
- How DirectAccess works
- How to implement, manage, support, and troubleshoot DirectAccess
- How to enable "manage-out"
- How to implement redundancy and high availability
- How to migrate from previous versions of DirectAccess

■ TH06 - Using Microsoft Azure Site Recovery for Easy, Secure, Off-Site Backup – *Introductory / Intermediate*
John O'Neill, Sr.
Thursday, August 6, 2:00 – 5:00pm

In the Information Age, data is king. Nothing will ruin an IT Pro's day faster than losing important data because a backup was corrupt, incomplete or non-existent. Recovery needs to occur quickly, but at the same time backups need to be protected by storing them off-site. With Microsoft Azure as a backup target, organizations can rest assured their data is safely stored away from the datacenter, but can still be recovered quickly. The days of shuttling tapes to a safety deposit box or off-site datacenter are over! In this in-depth session learn exactly what it takes to backup in-house data to Microsoft Azure quickly and easily.

You will learn:
- When to use Microsoft Azure Site Recovery and when not to
- How Microsoft Azure provides reliable, off-site data storage
- How to backup Windows servers and clients to Microsoft Azure
- Tools for managing Microsoft Azure backups

■ F01 - Moving Your Perimeter Network into Microsoft Azure – *Intermediate*
Orin Thomas
Friday, August 7, 9:00am – 12:00pm

Traditionally, you would place servers you wanted to expose to the internet on a special network, termed the perimeter network, screened subnet or DMZ. Today, with public cloud providers, it makes increasing sense to relocate workloads you traditionally deployed to perimeter networks to Azure. These workloads on Azure are connected to protected organizational networks through Azure Site-to-Site VPNs.

Migrating workloads to Azure is simplified with the Microsoft Migration Accelerator for Azure. This product lets you migrate physically deployed computers, VMs deployed on VMware or Hyper-V, even VMs deployed in AWS to Azure. For those concerned about replicating perimeter network firewall functionality, Azure includes virtual the Barracuda NG and Web Application firewall appliances which you can configure as part of your Azure deployment.

In this three-hour session, you'll how you can start migrating existing perimeter network workloads to Azure. You'll learn how to utilize the Microsoft Migration Accelerator for Azure, how to implement virtual firewall appliances in an Azure deployment, and, in the long run, reduce the complexity of managing hosts that are publically accessible.

You will learn:
- How you can start migrating existing perimeter network workloads to Azure
- How to utilize the Microsoft Migration Accelerator for Azure
- How to implement virtual firewall appliances in an Azure deployment

F02 - Security, the Cloud, and You - A Practitioner's Viewpoint - *Intermediate / Advanced*
Laura Hunter
Friday, August 7, 9:00am – 12:00pm

Microsoft Azure Active Directory is Microsoft's newest generation of identity technology, designed to help customers meet the challenges of the cloud head-on. Since becoming generally available last Spring, AAD has been adopted across the industry, and Microsoft IT is one of AAD's most sophisticated customers.

In this session, come and hear real-life "Tales from the Trenches" about how Microsoft IT is working to strike the right balance between enterprise requirements for authentication, security, privacy, and compliance, and creating a great experience for our users and customers who want to stay connected and productive no matter where they are or what device they're using.

In this talk, we will give a brief overview of Azure AD and of Microsoft IT's needs in managing one of the largest IT organizations on the planet. We'll talk about the architecture we arrived at, we'll tell some real-life stories about hammering through the deployment plan,

SESSION DESCRIPTIONS BY TRACK, CONTINUED

and we'll talk about next steps for both MS IT and for the AAD product itself.

You will learn:
- How to identify common security risks for enterprises adopting Cloud Services
- Understand ways to mitigate the most critical risks
- How to kick off a "Cloud Security" program within your organization

■ F03 - Integrating Office 365 with Active Directory, Step by Step - *Introductory / Intermediate*
John O'Neill, Sr.
Friday, August 7, 1:00 – 4:00pm

The cloud is no longer limited to large organizations or server applications. Microsoft's Azure and Office 365 offerings help even the smallest organizations realize the advantage of cloud based solutions. This session will prepareyou for the first steps in an Office 365 deployment including deploying Active Directory Federation Services (ADFS), synchronizing Microsoft Azure Active Directory with on premise AD, and ongoing account management.

You will learn:
- About integrating on premise AD with Microsoft Azure AD, step by step
- How to complete Directory Synchronization
- About Office 365 Portal administration
- About single sign on with Office 365

MANAGING MICROSOFT SERVERS AND SERVICES

Expand your resume by learning about something other than Windows! We'll help you learn about important techniques and technologies that are crucial to being a well-rounded IT Professional.

■ T07 - Migrating Windows Failover Clusters with Confidence – *Intermediate*
Bruce Mackenzie-Low
Tuesday, August 4, 2:15 – 3:30pm

In this session, you'll learn what to consider when migrating your Windows failover cluster and the best industry practices for accomplishing the job. Let's face it, you've been putting off upgrading your Windows Failover Clusters because you finally got them working and you don't want to break a thing. You're not alone! Many companies are still running Windows Server 2003 and 2008 failover clusters for that very reason.

Fear not! Join Bruce Mackenzie-Low as he explores the differences between the Failover Cluster versions and what features are worth your while to upgrade. Is Windows Server 2012 R2 really just SP1 for 2012? Leave this session with the confidence you'll need to make a smooth transition to your next version of Windows clusters.

You will learn:
- Best practices for migrating Windows failover clusters
- Compelling reasons and features to upgrade
- Common pitfalls to avoid for a smooth transition

■ W02 - Managing SharePoint Databases in SQL Server
◐ *(BYOL-HOL) – Introductory / Intermediate*
Tim Warner
Wednesday, August 5, 9:15am – 12:15pm

Any busy SharePoint administrator knows the many SQL Server databases that underlie their company's intranet or extranet portal requires "care and feeding." The question is, who the heck is doing that 'care and feeding'?! This three-hour session gives Windows administrators with limited SQL Server experiences all the tools, best practice guidance, and tips/tricks to ensure that SQL Server purrs like a proverbial kitten.

You will learn:
- The major performance bottlenecks between SQL Server and SharePoint Server
- Create and manage SQL Server maintenance tasks
- How to run SQL Server Profiler and Performance Monitor and correctly diagnose and correct database performance problems
- How to hit the ground running by applying T-SQL and Windows PowerShell scripts to SharePoint databases to provide a level of administrative automation and remediation (think of backups, index operations, and so forth)

◐ *BYOL-HOL—Bring Your Own Laptop for Hands-On Labs.*

CONFERENCE CO-CHAIRS

Don Jones
TechMentor Conference Co-Chair, Curriculum Director for IT Pro Content, Pluralsight

Don Jones is a multiple-year recipient of Microsoft's MVP Award, and is an Author Evangelist for video training company Pluralsight. Don is also a co-founder and President of PowerShell.org, a community dedicated to Microsoft's Windows PowerShell technology. Don has more than two decades of experience in the IT industry, and specializes in the Microsoft business technology platform. He's the author of more than 50 technology books, an accomplished IT journalist, and a sought-after speaker and instructor at conferences worldwide. Reach Don on Twitter at @concentratedDon, or on Facebook at Facebook.com/ConcentratedDon.

Greg Shields
TechMentor Conference Co-Chair, Author Evangelist, PluralSight

Greg Shields is Author Evangelist with PluralSight, and is a globally-recognized expert on systems management, virtualization, and cloud technologies. A multiple-year recipient of the Microsoft MVP, VMware vExpert, and Citrix CTP awards, Greg is a contributing editor for Redmond Magazine and Virtualization Review Magazine, and is a frequent speaker at IT conferences worldwide. Reach him on Twitter at @ConcentratdGreg.

TECHMENTOR ADVISORY COUNCIL

Lafe Low
Editor, TechMentor Events

Lafe Low has been a technology editor and writer for more than 25 years. Most recently, he was the editor in chief of *TechNet* magazine. He has also held various editorial positions with Redmond magazine, *CIO* magazine and InfoWorld. He also launched his own magazine entitled *Explore New England*, and has published four editions of his guidebook *The Best in Tent Camping: New England*.

Jeffrey Schwartz
Editor, Redmond Magazine

Jeffrey Schwartz is the editor of 1105 Media's *Redmond* magazine, an editor-at-large and columnist for *Redmond Channel Partner* magazine, and author of a blog covering enterprise cloud computing called *The Schwartz Cloud Report*. Earlier in his tenure with the Enterprise Computing Group of 1105 Media, he held senior editorial positions with *Application Development Trends*, *Visual Studio Magazine* and *Redmond Developer News*. He has covered all aspects of enterprise IT for more than two decades and has spent much of that time writing about mobile computing technology. Before joining 1105 Media's Enterprise Computing group, he held several senior editorial roles with such publications as *VARBusiness* (now part of *CRN*), *InternetWeek* and *CommunicationsWeek*.

Keith Ward
Editor in Chief, Virtualization Magazine

Keith Ward is editor in chief of *Virtualization Review* Magazine. He's been a technology journalist for more than a decade. In that time, he's covered all aspects of the industry, from IT administration to virtualization to software development. He was founding editor of *Virtualization Review* magazine, editor of *Redmond* magazine and senior editor of *Microsoft Certified Professional* magazine. He served as editor in chief of *MSDN* Magazine and *Visual Studio* Magazine before his current role with *Virtualization Review*.

CONFERENCE SPEAKERS

Adam Bertram
Senior Systems Consultant, Keller Schroeder

Adam has been in IT since 1998 and has held numerous roles ranging from helpdesk phone jockey, network technician, network administrator and Windows Systems Engineer.

Mike Danseglio
Principal Technologist, Next Direction Technologies

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.

Jason Helmick
Author, Pluralsight

Jason is a 25-year IT veteran and author at Pluralsight. He's an avid supporter of the PowerShell community as board member and CFO of PowerShell.Org and a Windows PowerShell MVP. He is the author of "Learn Windows IIS in a Month of Lunches" and contributing author to "PowerShell Deep Dives", along with a columnist for TechNet and TechTarget Magazine and other industry publications.

Jeffery Hicks
*Senior Technology Fellow, JDH IT Solutions*

Jeffery Hicks is an IT veteran with over 25 years of experience, much of it spent as an IT infrastructure consultant specializing in Microsoft server technologies with an emphasis on automation and efficiency. He is a multi-year recipient of the Microsoft MVP Award in Windows PowerShell. He works today as an independent author, trainer and consultant. Jeff has written for numerous online sites and print publications, is a contributing editor at Petri.com, and a frequent speaker at technology conferences and user groups.

Richard Hicks
Solution Architect, Iron Networks, Inc.

Richard Hicks (MCP, MCSE, MCTS, and MCITP Enterprise Administrator) is a network and information security expert specializing in Microsoft technologies. As a five-time Microsoft MVP, he has traveled around the world speaking to network engineers, security administrators, and IT professionals about Microsoft security solutions. Richard has nearly 20 years of experience working in large scale corporate computing environments and has designed and deployed perimeter defense and secure remote access solutions for some of the largest companies in the world. Richard is currently the Sales Engineering Director for Iron Networks, a Microsoft OEM partner developing secure remote access, network virtualization, and converged cloud infrastructure solutions.
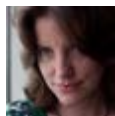
Laura Hunter
Principal Technology Architect, Microsoft

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 products and services across the IAM suite. In previous lives she has been an Identity Management consultant, the Active Directory architect for a global engineering firm, IT Project Leader for the University of Pennsylvania, and Director of Computer Services for a regional headquarters of the Salvation Army. Hunter has a Bachelor's and Master's degree from the University of Pennsylvania. She is the author of the Active Directory Cookbook, 2nd & 3rd Editions, is an unrepentant ADFS technology zealot, and likes to talk about herself in the third person when providing auto-biographical information. She blogs at www.shutuplaura.com, and Twitters (tweets? She's not cool enough to know the verb form of Twitter) @adfskitteh.

Sami Laiho
Senior Technical Fellow, Adminize.com

Sami Laiho is one of the world's leading professionals in the Windows OS. Sami has been working with and teaching OS troubleshooting, management and security for 20 years. Sami's session was evaluated as the best session at TechEd Europe and TechEd North America 2014.

Bruce Mackenzie-Low
Systems Software Engineer, Hewlett-Packard Company

Bruce Mackenzie-Low, MCSE/MCSA 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.

CONFERENCE SPEAKERS, CONTINUED

Kunal D Mehta
Co-founder & CEO, Education Cop

Kunal D Mehta is a Microsoft and VMware certified IT Pro specializing in Core Infrastructure solutions like Windows Server, Hyper-V, Active Directory, Exchange, SharePoint, Office 365, Windows Azure and System Center products. He has trained over half a dozen SI partner companies in India on Server 2012 and System Center Private Cloud solutions covering more than two thousand people in the past year through in-person and online trainings. When he is not doing his geeky thing, he likes to hang out with friends to play a game of snooker or bowling. Also loves watching all types of movies, going out on long drives on the highway listening to soothing music and occasionally playing pranks on people.

Liberty Munson, PhD
Principal Psychometrician and Quality Lead, LeX Validation, Microsoft Learning Experiences

Liberty Munson, PhD, is the Principal Psychometrician and Product Quality Lead for Microsoft's technical certification program in their Learning Experiences organization. She is responsible for ensuring that psychometric standards are rigorously applied during all phases of the certification exam lifecycle and that the design and implementation of Microsoft's Certification program results in valid and reliable assessments of candidate skills. She works closely with her team to design, develop, and evaluate innovative item types, design new delivery and development methodologies, implement strategic processes to proactively address piracy issues, and ensure the quality of the exam content from a psychometric and candidate perspective. She is actively involved in setting the cut scores on all Microsoft Certification exams. Prior to joining Microsoft, she worked at Boeing where she developed a wide variety of selection tests, including multiple-choice exams,

team-based exercises, problem solving activities, and structured interviews; she also assisted with the development and analysis of Boeing's internal certification exams and acted as a co-project manager overseeing development, administration, and analysis of Boeing's Employee Survey. She received her BS in Psychology from Iowa State University and her MA and PhD in Industrial/Organizational Psychology with minors in Quantitative Psychology and Human Resource Management from the University of Illinois at Urbana-Champaign.

Steven Murawski
Community Software Development Engineer, Chef

Steven Murawski is a Community Software Development Engineer for Chef (the automation platform for the new IT) and a Microsoft MVP in PowerShell. Steven has deep experience in managing high performing Windows Server environments and is on the leading edge of DevOps and configuration management for Windows Server environments. Steven also co-hosts Ops All The Things podcast, a podcast about all things operations, sysadmin, and DevOps.

Kelly Murphy
Founder & Chief Technology Officer, Gridstore

As a serial entrepreneur with a track record of bringing disruptive technologies to market, Kelly Murphy brings 15 years CEO experience with disruptive venture backed software companies. In 1998, almost a decade before the cloud became popular, Murphy founded Marrakech, the first software company that offered on-demand procurement and supply chain systems to over 30,000 trading partners including some of the world's largest retailers, consumer food producers, packaging companies and utilities. After

selling Marrakech in 2007, he turned his sights onto what was his largest obstacle in growing his previous business—storage. In 2009, Murphy founded Gridstore—a pioneer of software-defined storage that is set to disrupt the traditional storage industry. Currently, he serves on Gridstore's Board of Directors and is also the Chief Technology Officer. Originally from Canada, Murphy obtained his BS in Computer Science from Michigan Technological University, played Division I hockey and was the seventh pick of the New York Islanders in the 1984 entry draft.

John O'Neill, Sr.
Chief Technologist, AWS Solutions

During his 20+ years in the IT industry, John has enjoyed the opportunity to work as a consultant, architect, executive, speaker, and author. He's been involved in multi-national networking, messaging, and communications projects as well as finding solutions for small mom and pop shops allowing them to use technology to increase business opportunity and decrease operational complexity.

John is a contributing editor for the Petri.co.il online community. In addition, he has authored material for both Thomson-Reuters' Aspatore Books and Exec Blueprints publications. He also develops exciting technology training courses for the leader in IT training, Pluralsight.

John often speaks at IT events around the nation. Recently he has been a featured presenter on innovative technology solutions for the enterprise at conferences such as TechMentor, Cloud and Virtualization Live! 360, the NEOSA CIO Summit, and the NorthEast Ohio Technology Summit. When he's not presenting at a conference, John can often be found leading informative webinars.

John is proud to be honored as a multi-year Microsoft MVP and for receiving NEOSA's CIO of the Year Award.

CONFERENCE SPEAKERS, CONTINUED

Benjamin Rampe
Senior Premier Field Engineer, Microsoft

Ben has architected, implemented, administered, and supported every version of SMS/ConfigMgr since the release of Systems Management Server 2.0 almost 15 years ago. He has been with Microsoft for nearly 10 years and has engaged with hundreds of customers, large and small, helping them define and realize the state of the art in systems management. Ben is a familiar voice at conferences, user groups, etc. and has a reputation for making the complex simple through practical, real-world solutions that take full advantage of product capabilities while incorporating customer's unique business requirements.
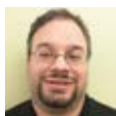
Hal Rottenberg
Developer Evangelist, Splunk

Hal is an experienced enterprise systems engineer, having worked for several Fortune 20 companies over his career. In 2012, he joined Splunk, where he spent 2.5 years in Business Development as a solution architect and consultant. Most recently, he's transitioned to the Office of the CSO, where his passion for speaking and education are being used to help grow the Splunk developer platform ecosystem, and build programs to sustain that growth.

Hal is also the co-host for the long-running PowerScripting Podcast, a weekly Internet radio show which focuses on Windows PowerShell. The show is in its seventh year, and has had well over 800,000 downloads. He is also a published author, and an accomplished technical trainer.

I am the Lorax. I speak for the Developers! @Splunk, Author, Podcaster @powerscripting , Speaker, #PowerShell MVP, #CiscoChampion, husband, father of four!

Avril Salter
Principal Technologist, Next Direction Technologies

Dr. Salter is a consultant, writer and technical trainer with over 20 years of industry experience in deploying wireless networks and managing IT operations. She has held executive and technical positions at small start-ups and major corporations including IBM, Intel, Microsoft, Motorola, and Sprint. Dr. Salter's operations experience includes running an enterprise wide IT department for a major corporation with international engineering and manufacturing facilities. More recently she has advised corporations on the strategic and tactical implications of adopting cloud based technologies. Dr. Salter has worked extensively in Europe, North America, Asia, and the South Pacific. Dr. Salter received her Ph.D. in engineering from the University of Reading, UK.

Orin Thomas
Author & Speaker

Orin Thomas is a seven time recipient of Microsoft's Most Valuable Professional award and a bestselling author of more than 30 Windows operating system, management server, security, and private cloud textbooks. He spends his time creating and delivering content to highly skilled and experienced IT professionals, including systems administrators from Australia's major banks and retailers, Australian federal government departments including the Department of Prime Minister and Cabinet as well as the Department of Defence.

In addition to the books and courseware he writes for Microsoft, he is a content author at Pluralsight and a contributing editor at Windows IT Pro magazine where he focuses on security, cloud, and infrastructure topics. Orin is an experienced international speaker, regularly speaking in the United States, Europe, and the APAC

region. Orin founded and runs the Melbourne System Center, Security, and Infrastructure Group. You can follow him on twitter at http://twitter.com/orinthomas

Benny Tritsch
CTO, Bluecue Consulting

Benny Tritsch is a virtualization technology expert, IT system architect, technical communicator and market analyst. He serves as the Chief Technology Officer at Bluecue Consulting in Germany and is a frequent speaker at leading international industry events. Benny has been awarded as a Microsoft Most Valuable Professional (MVP) for RDS every year since 2004 and he is a Citrix Technology Professional (CTP) since 2006. If you want to know more about Benny's community activities, check out his website http://drtritsch.com or follow him on http://twitter.com/drtritsch.

Tim Warner
IT Pro, Technical Trainer, and Author

Tim Warner is an IT professional, technical trainer, and author based in Nashville, TN. He has worked with Microsoft networking technologies since 1997 (Windows NT 4.0), and specializes in helping people to better understand and apply information technology. Tim can be reached via his Website at timwarnertech.com.

SPONSORS AND EXHIBITORS

TechMentor would like to recognize and thank our sponsors and partners.

EVENT PARTNER

Microsoft

Founded in 1975, Microsoft (Nasdaq "MSFT") is the worldwide leader in software, services and Internet technologies for personal and business computing. Microsoft offers a wide range of innovative products and services designed to help individuals and organizations realize their full potential.
www.microsoft.com

SILVER SPONSOR

PrinterLogic

PrinterLogic is the world's leading Enterprise Printer Management solution for server-less remote site printer deployments. With more than 1,500 customers in over 120 countries, PrinterLogic enables organizations of all sizes to eliminate print servers. PrinterLogic's single integrated printer management platform is an on-premise web application that simplifies the management, migration, and deployment of printers while drastically reducing cost.
www.printerlogic.com

PLATINUM SPONSOR

Gridstore

Gridstore™ is the leader in hyper-converged infrastructure purpose-built for Microsoft workloads and designed to accelerate applications in virtualized environments. Gridstore's hyper-converged infrastructure is the industry's first all flash version of HyperConverged Appliances that include both compute and storage in a single system, and Storage Nodes that provide external storage and work with any Windows servers and the HyperConverged Appliance, all driven by Gridstore's patented software. Gridstore software architecture delivers native Windows integration, per-VM I/O control, and elastic and independent scaling of resources. Benefits include easy deployment, predictable and controllable high performance, scaling that fits your needs, and up to 50% lower TCO.
www.gridstore.com

PREMIER MEDIA PARTNERS

IT CertPro

ITCertPro is for current IT Certified Professionals as well as those who want to become one. ITCertPro features news about certification and articles on certification products, IT conferences, and the products that ITCertPros support. **www.itcertpro.com**

GOLD SPONSORS

Goverlan

With the Goverlan Remote Administration Suite: Seamlessly shadow any desktop session such as Citrix® Xen products & Microsoft RDS®. Find logged-in workstations by username, including VDI/RDP/Citrix sessions, and instantly access extended troubleshooting & management tools. Globally deploy custom installer packages & hot fixes within minutes. Instant access to detailed hardware and software data for inventory reporting. Remote monitor multiple machines in one dashboard view. Secure & centralized management of global audit, authorization & agent settings.
www.goverlan.com

Pluralsight

Founded in 2004, Pluralsight is the global leader in online learning for professional software developers, IT specialists and creative technologists. As the world's largest curated professional development platform for professionals, the company offers instant access to nearly 4,000 courses authored by top experts. With customers in more than 150 countries, Pluralsight serves as a career catalyst, delivering hands-on, practical training for the most in-demand and understaffed jobs of today. For more information, visit www.**pluralsight.com**.

UserGroup.TV

Watch technical User Group presentations online for FREE
http://usergroup.tv

Visit techmentorevents.com/redmond to see our growing list of partners.

CONFERENCE VENUE, TRAVEL AND HOTEL DEALS

GET INSIDE THE TECHNOLOGICAL MECCA: MICROSOFT HEADQUARTERS!

TECHMENTOR RETURNS TO THE MICROSOFT CAMPUS IN REDMOND, WASHINGTON IN 2015 FOR MORE IN-DEPTH, BEHIND THE SCENES TRAINING BY TECHNICAL EXPERTS.

MICROSOFT HEADQUARTERS

Microsoft Conference Center (Building 33)
16070 N.E. 36th Way
Redmond, WA 98052
Business Center Desk: 425.703.1800

HYATT REGENCY BELLEVUE

900 Bellevue Way N.E.
Bellevue, WA 98004

SPECIAL ATTENDEE RATE: $217*

BOOK BY: JULY 10, 2015

BOOK YOUR ROOM ONLINE or call Reservations at 888.421.1442 and ask for the TechMentor Room Block. The offer is subject to room availability, so make sure to book early.

Shuttle Service to and from the Microsoft Campus

TechMentor will provide daily complimentary shuttle transportation between the Hyatt Regency Bellevue and the Microsoft Conference Center (Building 33) on the Microsoft Campus. This shuttle service will be available to all attendees with a valid conference badge.

* Rooms are subject to availability and applicable Bellevue hotel occupancy tax and TID assessment.

TRAVEL

AVIS RENT-A-CAR IS OFFERING a discount on car rental for TechMentor attendees. To receive the discounted rates, call Avis at 800.331.1600 and use the Avis Worldwide Discount (AWD) number D005872, or click here to make your reservation online.

FOR MORE TRAVEL INFORMATION, VISIT: http://techmentorevents.com/events/redmond-2015/information/travel.aspx

FUN STUFF TO DO IN SEATTLE & BELLEVUE

- Rise 500 feet in the air at the Space Needle
- Catch some fish at Pike Place Market
- Rock out at Experience Music Project
- Geek out at the Pacific Science Center
- Enjoy strolling Bellevue Botanical Gardens
- Get caffeinated at the original Starbucks
- Discover the region's best shopping, dining and entertainment
- Buy weird goodies at Archie McPhee's
- And more!

Plan your trip at visitseattle.org

REGISTRATION PACKAGES

SIGN UP for the conference package that best meets your schedule and needs!

Register now at techmentorevents.com/redmond

➤ **Signing up 3 or more? Group Discounts are available! Turn to page 29 for pricing details.**

➤ **Are you a TechMentor or Live! 360 alumnus? Alumni discounts are available! Turn to page 30 for pricing details.**

TECHMENTOR 5-DAY BEST VALUE PACKAGE

The TechMentor Best Value Package is your five day all-access pass to every keynote, session, workshop and event August 3 – 7, 2015.

TechMentor Best Value Package Includes:	Super Early Bird by May 20, 2015	Early Bird by July 1, 2015	Standard after July 1, 2015
• All TechMentor Sessions and Keynotes • Pre-conference workshops • Post-conference workshops • Receptions • Networking Events • Lunch (August 3 – 7) • Coffee and Morning Pastries • Laptop Computer Bag • T-shirt with Completed Survey • Proceedings CD of all course notes	$1,895 **SAVE $400**	$1,995 **SAVE $300**	$2,295

ADD THE HOTEL PACKAGE
to your TechMentor 5-Day Conference Package

The TechMentor Redmond 5-Day Hotel Package includes five nights at the Hyatt Regency Bellevue (Room and tax only)—available Sunday night (August 2) through Thursday night (August 6), departing Friday (August 7).

5-Day Hotel Package: $1,300

REGISTRATION PACKAGES (CONTINUED)

TECHMENTOR 3-DAY CONFERENCE PACKAGE

The TechMentor Conference Package grants you access to all sessions and activities August 4 – 6, 2015.	TechMentor Best Value Package Includes:	Super Early Bird by May 20, 2015	Early Bird by July 1, 2015	Standard after July 1, 2015
	• All TechMentor Sessions and Keynotes • Receptions • Lunch (August 4 – 6) • Coffee and Morning Pastries • Laptop Computer Bag • T-shirt with Completed Survey • Proceedings CD of all course notes	**$1,395** SAVE $400	**$1,495** SAVE $300	**$1,795**

ADD THE HOTEL PACKAGE
to your TechMentor 3-Day Conference Package

The TechMentor Redmond 3-Day Hotel Package includes four nights at the Hyatt Regency Bellevue (Room and tax only)—available Monday night (August 3) through Thursday night (August 6), departing Friday (August 7).

3-Day Hotel Package: $1,050

TECHMENTOR WORKSHOP PASS (1 DAY)

The TechMentor Workshop Pass grants you access to one full-day pre-conference workshop on Monday, August 3 **OR** Friday, August 7.	TechMentor Workshop Pass Includes:	
	• Lunch • Proceedings CD of course notes	**$495**

REGISTRATION PACKAGES (CONTINUED)

GROUP DISCOUNTS— TECHMENTOR 5-DAY CONFERENCE PACKAGE

Group discounts are available for companies who bring 3 or more people.

For questions or to register your group, please call 972.304.5380

TECHMENTOR GROUP DISCOUNT PACKAGE (3+ colleagues) Includes:	Standard through August 3, 2015
• All TechMentor Sessions and Keynotes • Pre-conference workshops • Post-conference workshops • Receptions • Networking Events • Lunch (Aug 3 - 7) • Coffee and Morning Pastries • Laptop Computer Bag • T-shirt with Completed Survey • Proceedings CD of all course notes	**$1,495** **SAVE $800 OFF THE STANDARD RATE**

ADD THE HOTEL PACKAGE

to your TechMentor Group Discount Package

The TechMentor Redmond 5-Day Hotel Package includes five nights at the Hyatt Regency Bellevue (Room and tax only)— available Sunday night (August 2) through Thursday night (August 6), departing Friday (August 7).

5-Day Hotel Package: $1,300

REGISTRATION PACKAGES (CONTINUED)

EXCLUSIVE ALUMNI DISCOUNTS— TECHMENTOR 5-DAY BEST VALUE PACKAGE

The TechMentor Best Value Package is your five day all-access pass to every keynote, session, workshop and event August 3 – 7, 2015.

TechMentor Best Value Package Includes:	Super Early Bird by May 20, 2015	Early Bird by July 1, 2015	Standard after July 1, 2015
• All TechMentor Sessions and Keynotes • Pre-conference workshops • Post-conference workshops • Receptions • Networking Events • Lunch (August 3 – 7) • Coffee and Morning Pastries • Laptop Computer Bag • T-shirt with Completed Survey • Proceedings CD of all course notes	**$1,495** **ALUMNI SAVE $800**	**$1,595** **ALUMNI SAVE $700**	**$1,795** **ALUMNI SAVE $500**

ADD THE HOTEL PACKAGE

to your TechMentor Alumni 5-Day Conference Package

The TechMentor Redmond 5-Day Hotel Package includes five nights at the Hyatt Regency Bellevue (Room and tax only)—available Sunday night (August 2) through Thursday night (August 6), departing Friday (August 7).

5-Day Hotel Package: $1,300