

APRIL 9-12, 2006

MICROSOFT EXCHANGE CONNECTIONS
WINDOWS CONNECTIONS

WALT DISNEY
WORLD SWAN

INSIGHTS FROM THE EXPERTS



STEVE RILEY
MICROSOFT



MARK MINASI
MR&D



TONY REDMOND
HP



SUE MOSHER
TURTLEFLOCK



PAUL ROBICHAUX
3SHARP

THE PREMIER EVENTS FOR IT PROFESSIONALS

MICROSOFT
EXCHANGE
Connections
2006
&

WINDOWS
Connections
2006

REGISTER TODAY!

www.WinConnections.com
800.505.1201
203.268.3204

April 9-12, 2006

Co-located in

Orlando, FL Walt Disney World Swan Resort

EXCHANGE 12 PREVIEW

WINDOWS NETWORKING

OUTLOOK 12 ENHANCEMENTS

SECURITY SOLUTIONS

SHAREPOINT TRACK

**BONUS HANDS-ON MICROSOFT EXCHANGE
TROUBLESHOOTING COURSE**

Microsoft®

WindowsITPro

TechNet
The Microsoft Technology Professionals

TECH
Conferences
PENTON MEDIA



MICROSOFT EXCHANGE CONNECTIONS and WINDOWS CONNECTIONS

return to Orlando for the essential Windows and Exchange technology conference for systems administrators and IT managers. These co-located events focus on your community and your needs and will provide you with cutting-edge information and training to keep your competitive edge.

TOP TEN REASONS TO ATTEND

- 1 Attend in-depth, no-hype sessions delivered by Microsoft and industry experts.
- 2 Learn to solve collaboration needs in the SharePoint track.
- 3 Get the scoop on the current and future Windows and Exchange markets during dynamic keynotes and general sessions by Microsoft and industry insiders.
- 4 Tap into opportunities to meet Microsoft architects and get your questions answered.
- 5 Empower yourself with knowledge to stay in demand in today's tight labor market.
- 6 Bring your most troubling Windows and Exchange admin questions and let our experts suggest fixes.
- 7 If you're planning any sort of migration, learn the do's and don'ts before you start.
- 8 Explore the partner exposition, pick up cool giveaways, and enter the Harley-Davidson contest.
- 9 Take advantage of exclusive Microsoft Exchange troubleshooting hands-on labs for Windows and Exchange that are available at Connections. These were formerly offered only to internal Microsoft employees.
- 10 Unwind and network with your peers at cool receptions and parties.

CONFERENCE SCHEDULE

SUNDAY, APRIL 9, 2006

- 7:30 am - 4:00 pm Conference Registration
- 9:00 am - 4:00 pm Pre-conference Workshops
- 6:30 pm - 8:30 pm KEYNOTE
- 8:30 pm - 10:00 pm Welcome Reception

MONDAY, APRIL 10, 2006

- 8:00 am - 5:00 pm Conference Registration
- 7:30 am - 8:30 am Continental Breakfast
- 8:30 am - 9:30 am GENERAL SESSION
- 9:30 am - 10:00 am Coffee Break (Expo Hall)
- 10:00 am - 11:15 am Breakout Sessions
- 11:15 am - 11:30 am Break
- 11:30 am - 12:45 pm Breakout Sessions
- 12:45 pm - 2:15 pm Lunch
- 2:15 pm - 3:30 pm Breakout Sessions
- 3:30 pm - 4:00 pm Snack Break (Expo Hall)
- 4:00 pm - 5:15 pm Breakout Sessions
- 5:15 pm - 6:00 pm T-Shirt Redemption (Expo Hall)

TUESDAY, APRIL 11, 2006

- 8:00 am - 5:00 pm Conference Registration
- 7:30 am - 8:30 am Continental Breakfast
- 8:30 am - 9:30 am GENERAL SESSION
- 9:30 am - 10:00 am Coffee Break (Expo Hall)
- 10:00 am - 11:15 am Breakout Sessions
- 11:15 am - 11:30 am Break
- 11:30 am - 12:45 pm Breakout Sessions
- 12:45 pm - 2:15 pm Lunch
- 2:15 pm - 3:30 pm Breakout Sessions
- 3:30 pm - 4:00 pm Snack Break (Prizes, Expo Hall)
- 4:00 pm - 5:15 pm Breakout Sessions
- 7:30 pm - 10:00 pm Connections Party

WEDNESDAY, APRIL 12, 2006

- 7:30 am - 8:30 am Continental Breakfast
- 8:30 am - 9:30 am GENERAL SESSION
- 9:30 am - 10:00 am Coffee Break
- 10:00 am - 11:15 am Breakout Sessions
- 11:15 am - 12:30 pm Box Lunch
- 12:30 pm - 1:45 pm Breakout Sessions
- 1:45 pm - 2:00 pm Break
- 2:00 pm - 3:15 pm Breakout Sessions
- 3:15 pm - 3:45 pm Ice Cream Break
- 3:45 pm - 4:30 pm Ask the Experts Closing Session

THURSDAY, APRIL 13, 2006

- 9:00 am - 4:00 pm Post-conference Tutorials

TABLE OF CONTENTS

3	Keynotes/General Sessions	15-17	Pre- and Post-Conference Workshops
4-7	Microsoft Exchange Connections Sessions	18-20	Connections Speakers
8-12	Windows Connections Sessions	22	Event Information
13-14	SharePoint Connections Sessions	23	Registration

EXCHANGE

KEYNOTE



WHAT YOU NEED TO KNOW ABOUT EXCHANGE 12

TONY REDMOND

HP

Tony Redmond is the Vice President and Chief Technology Officer for HP Services. He is responsible for the technology strategy and leadership of HP Services, including the development of the HP Services technology community, including overseeing the implementation of the Technical Career Path (TCP), Professions, and advancing a knowledge culture within HP Services. He is responsible for driving a common R&D and technology leadership across the HP Services business units. Tony is the Security Lead for HP and manages the HP Security Office, which is responsible for setting the strategy and direction for HP's security initiative and coordinating activities across all business units. He has written 10 books, 6 on Microsoft Exchange Server. His most recent book is *Microsoft Exchange Server 2003 with SP1* (Digital Press).

WINDOWS

KEYNOTE/GENERAL SESSION



HASTENING LA VISTA: IE7, VISTA, LONGHORN AND BEYOND

MARK MINASI

MR&D

It's been since October of 2001 since we got a new version of Windows desktop... but that's about to change. Late this year, Microsoft will ship "Windows Vista," better known to us geeks as NT Workstation 6.0. It'll include yet another all-new GUI, IPv6 networking whether you're ready or not, tools to let you more easily manage today's almost-terabyte discs, and, well, you can find out the rest by coming to the talk! Veteran Windows pundit Mark Minasi tells you what's new, what's good, and what's not-so-good about the next Microsoft desktop OS. But that's just the start... because 2007 brings Longhorn Server, also known as NT Server version 6.1. It'll have all of the Vista goodies, and tons more. There's a new AD, increased 64 bitness, some nifty new Terminal Services and, well, you'll just have to go to the talk to find out THAT stuff too. Anyone can tell you about the next Windows, but only Minasi can make you smile while he seeks to "explain the panel!"



WINDOWS VISTA SYSTEM INTEGRITY TECHNOLOGIES

STEVE RILEY

MICROSOFT

For most of the history of computing, operating systems have lived in their own little bubbles of trust. Every part of an operating system pretty much assumed that every other part was exactly what it claimed to be and performed only what it claimed it could do. Recent attacks, though, have shown that such implicit trust is no longer suitable for computers that connect to hostile environments. A far more trustworthy operating system is one where the principle of least privilege is enforced throughout and where all operations are verified before taking action—seriously reducing the chances of malware taking over the operating system and thereby improving the operating system's integrity. Windows Vista will ship with several new system integrity technologies, including code integrity, secure startup, service hardening, mandatory integrity control, and Internet Explorer protected mode. Steve Riley will explore how these technologies work to thwart malware's attempts to take over your computer.

Sessions and speakers are subject to change. See Web site for updates. www.WinConnections.com

For sponsorship and exhibit information, contact:

Rod Dunlap ■ 480-917-3527 phone ■ rod@devconnections.com

MICROSOFT
EXCHANGE
Connections
2006

Leading Exchange Server and Outlook experts deliver a conference packed with in-depth technical content!

**EXCHANGE SERVER 2003
JOURNALING AND
REGULATORY COMPLIANCE**

Kieran McCorry

This session describes the different concepts of message archiving, policy compliance, and regulatory compliance in relation to messaging, specifically e-mail and Exchange Server 2003. We'll cover the typical requirements and approaches for archiving and policy compliance. We'll show, in detail, the requirements for regulatory compliance as enacted in legislation, which mandates strict rules on how data should be captured, stored, and made available for retrieval. The session also outlines some technological solutions for the various implementations of archiving and compliance systems, the factors that govern those solutions, and some examples of implementations.

**MOBILITY WITH
EXCHANGE SERVER 2003**

Kieran McCorry

No longer is it acceptable to support only Exchange users with fast and reliable connectivity. Exchange Server 2003 provides access from a range of devices, coupled with new features in Outlook 2003, Outlook Web Access, Outlook Mobile Access, and Exchange Active Sync. This session will dive into the details of how to leverage new Exchange 2003 features to support a wide range of remote and mobile users, despite their connection type. The session will also cover

deployment best practices and how to best leverage these features. We'll discuss designs such as "to cache or not to cache" and when site consolidation makes sense.

**EXCHANGE SERVER 2003 SP2
E-MAIL PROTECTION**

Kieran McCorry

Exchange Server 2003 SP2 brings with it many mechanisms for protecting your e-mail environment from spammers and other malicious senders. This session describes the broad areas of protection that SP2 offers, including Sender ID, enhanced RBL services, and IMF services and shows you how you can put the technology to use in the real world for protection.

**REPORTING AND ANALYZING
EXCHANGE SERVER 2003
OPERATIONS**

Mike Ireland

Exchange server can produce a wealth of information via command-line tools and scriptable interfaces. Presenting this data in a graphical fashion is easy with the help of SQL Server 2000 Reporting Services. With a few basic scripts, you can create reports that analyze everything from message delivery time and volume to mailbox consumption. This session will show you how to produce valuable reports with just a few simple steps. Practical examples will be presented.

**MICROSOFT LOG PARSER:
THE EXCHANGE
ADMINISTRATOR'S
BEST FRIEND**

Mike Ireland

Exchange administrators and consultants frequently need to generate statistics regarding message traffic in their Exchange organization. A wealth of information is captured in the message tracking log files produced by Exchange. However, that data is not easy to extract. Many commercial products exist that can analyze Exchange tracking logs and many organizations even choose to build their own tool. Commercial tools are expensive and inflexible while homegrown tools require expertise and a great deal of time to develop. Many occasions require a quick, one-time analysis to answer a particular question or assist with a critical escalation. Microsoft Log Parser is just the tool for these tasks. This session will introduce Log Parser as it applies to analyzing Exchange message traffic logs. We'll also demonstrate other uses for Log Parser like analyzing IIS log files or querying the event logs. You will learn via extensive demos why no toolkit is complete without this free and useful tool.

Sessions and speakers are subject to change. See Web site for updates. www.WinConnections.com

MESSAGE HYGIENE: DEFENSE IN DEPTH. WHY ONE LAYER JUST ISN'T GOOD ENOUGH

Mike Ireland

SPAM, virus-laden messages, and phishing attempts are three common problems that have moved out of the nuisance stage to become a genuine threat to your company. Most organizations have reached the point where they now have Exchange-based antivirus in place, and they are rapidly learning why antivirus alone does not afford enough protection. SPAM, viruses, and phishing attacks change by the hour. A cohesive, multi-layered approach is the best way to protect your organization. We will discuss these threats and show you how to design a system to protect your organization.

USING MICROSOFT SYSTEM CENTER CAPACITY PLANNER 2006 TO CREATE AN EXCHANGE 2003 SYSTEM ARCHITECTURE

Missy Koslosky

Has your organization moved to Exchange 2003? Do you want to know what the best possible options are for your deployment? Learn how to use System Center Capacity Planner 2006 (SCCP) to help create the best possible Exchange Server 2003 architecture for your organization. We will discuss the ways SCCP can help, including infrastructure sizing, hardware utilization analysis, and "what if" analysis. Even if you've already moved to Exchange Server 2003, SCCP can help you figure out what you've done right and what you may want to change.

BEST PRACTICES FOR EXCHANGE 2003 SITE AND SERVER CONSOLIDATION

Missy Koslosky and Devin Ganger

Interested in learning whether it's practical to reduce the number of sites and servers in your Exchange Server organization? We'll discuss the reasons behind site and server consolidation and the methods you can use to consolidate your environment, and tell you when it makes sense to consolidate.

ALL ABOUT SenderID

Devin Ganger

This session explains the concepts behind SenderID and the Purported Responsible Address (PRA). We'll walk through how to implement a SenderID solution in your Exchange organization. We'll focus on the built-in support in Exchange 2003 SP2, and we'll list some of the common (and free) third-party add-ons. We will examine the history, present, and future of SenderID. We'll also help you identify where Sender ID will help, where it won't, and how it stacks up to other proposals such as Sender Policy Framework (SPF), Sender Rewriting Scheme (SRS), and Yahoo!'s DomainKeys.

E-MAIL DISCOVERY AND COMPLIANCE ON ICE!

Devin Ganger

Does the phrase "regulatory compliance" strike fear into your heart? This session is a condensed, live version of the *E-mail Discovery and Compliance* eBook from *Windows IT Pro*. We'll find out how discovery, compliance, archival, and retention (DCAR) are not separate concerns but rather are the cornerstones of an integrated approach to controlling your messaging data. We'll explore specific business drivers, the com-

ponents of your Exchange configuration, how to plan your own DCAR solution, and how to gain control over your own challenges through your implementation.

EXCHANGE 2003: YOUR TOP QUESTIONS ANSWERED

Jim McBee

If you frequent the Exchange Internet newsgroups or discussion boards, then you already know that a lot of questions are asked over and over. This session will cover some of the most pervasive questions and provide practical solutions and advice. This session will cover tips such as message disclaimers, customizing system messages, creating custom address lists, customizing Outlook Web Access, restricting Outlook versions that can connect to the Exchange server, using Mailbox Manager, best use of the Intelligent Message Filter, implementing Sender ID, and creating catch-all mailboxes.

ACHIEVING HIGH AVAILABILITY WITHOUT CLUSTERING

Jim McBee

Can you achieve the much coveted five 9s (99.999% uptime)? For some organizations, the answer to improving the availability of the e-mail system is to deploy a Windows cluster solution or some other high-availability solution. However, in most small and mid-sized businesses, the most common cause of e-mail service interruption is not hardware related. If you don't have at least three 9s now, additional technology is not going to help you. This session examines the common causes of downtime and ways to achieve higher availability. I'll also cover basic message service level agreements (SLAs), acceptable use policies (AUPs), and setting users expectations.

OUTLOOK 2007 + EXCHANGE: MOVING FORWARD TOGETHER

Sue Mosher

One new application deserves another, and in this case, Outlook 2007 and the next version of Exchange together deliver a unified Inbox for voice and fax as well as E-mail, tighter protection against unwanted messages, and better search. But the real stars are the Scheduling Assistant, resource booking attendant, folders with storage policies, and the autodiscovery feature that makes it super simple for new users to connect with their mailboxes. Learn how to configure the settings for those and other Outlook + Exchange integration features.

OUTLOOK 2007 CONFIGURATION SCRIPTING FOR ADMINISTRATORS

Sue Mosher

The new consolidated object model in Outlook 2007 opens the door to scripting views, rules, categories, and other Outlook features that were difficult, if not impossible, to manage in earlier versions. This session will demonstrate many practical applications, such as controlling the default view of the Inbox and setting up a companywide Categories list. You'll also learn how to create a custom search folder and add a public folder contacts list to the Outlook Address Book.

OUTLOOK SECURITY: BALANCING PROTECTION WITH USABILITY

Sue Mosher

Outlook 2007 continues the movement made in Outlook 2003 toward more control over what add-ins can run in Outlook without security

prompts. We'll compare the security features in Outlook 2007 and Outlook 2003 with those in earlier versions so that you'll be ready to choose your setup options and answer users' questions about key security features such as phishing detection, external content blocking, and trusting add-ins.

PRODUCTIVITY AND COLLABORATION ENHANCEMENTS IN OUTLOOK 2007

Sue Mosher

Get a preview of the new productivity and collaboration features in Outlook 2007, including search, the To Do Bar, two-way sync with SharePoint folders, InfoPath forms, calendar overlays, and calendar sharing with iCalendar to see how this new version can make your organization work more effectively. Learn about the research that led to the new Office user interface that Outlook will use for its messages, appointments, and other items.

USING CONTINUOUS BACKUP FOR DATA PROTECTION

Paul Robichaux

If you can't have failure-proof servers, the next best thing is to be able to very quickly recover from a hardware or software failure. Third parties have been selling replication and remote backup solutions for several years, but Microsoft has held off embracing them—until now. Exchange MVP, Paul Robichaux, will show you what Exchange 12's continuous backup features mean for your disaster recovery plans. He'll explain how you can build a robust system to provide continuously updated, real-time protection with Exchange 12. And what if you're not

ready to move yet but still need a higher degree of protection than conventional backup and restore? Come to this session to learn how Microsoft is improving data protection in Exchange 12, how to integrate third-party hardware- and software-based continuous data protection solutions, and what you should look for when designing or specifying a solution.

MESSAGE SECURITY IMPROVEMENTS IN EXCHANGE 12

Paul Robichaux

Message hygiene is extremely important to organizations of every size. Microsoft has built solid basic anti-spam protection into Exchange Server 2003, but hygiene is much more than just anti-spam. This session presents the most significant changes and improvements in message security and hygiene in the next version of Microsoft Exchange Server.

COOKBOOK RELOADED: COOL EXCHANGE SCRIPTING WITH MONAD

Paul Robichaux

One of the most eagerly anticipated changes in Exchange 12 is the arrival of Monad, Microsoft's new object-oriented scripting language. Every action in Exchange System Manager (ESM) is actually a chunk of Monad code. By writing your own scripts and tools with Monad, you can do everything that ESM does and more! This session describes the Monad scripting model, presents the Exchange-specific extensions delivered with Exchange 12, and shows how to execute common operations formerly performed with ADSI, CDO, CDOEXM, and WMI.

Sessions and speakers are subject to change. See Web site for updates. www.WinConnections.com



MICROSOFT EXCHANGE SESSIONS

EXCHANGE “12” HIGH AVAILABILITY AND DISASTER RECOVERY

TBD

Do you care for availability of Exchange services and data? Do you wish there was a one-click recovery option? Join us on this session to learn about how Exchange 12 will enable in-the-box high data availability solutions with fast, one click recovery. This session will also cover enhancements to availability management on clustered Exchange servers; extended VSS restore options and new disaster recovery strategies.

THE EXCHANGE “12” TOOLBOX: EXBPA AND BEYOND

TBD

This session covers the Toolbox Workcenter in Exchange 12. Learn about the new diagnostic tools which analyze server configuration, performance, database and mail flow problems. Use these tools to keep your Exchange 12 server in tip-top condition.

MONAD SCRIPTING IN EXCHANGE “12”

TBD

Abstract not available.

MICROSOFT EXCHANGE HOSTED SERVICES

TBD

E-mail is the lifeblood of business and enterprises rely on IT to keep its communication arteries secure, protected and compliant. Spammers, hackers, virus-writers, regulators and spies are making the IT challenge increasingly difficult, further taxing the limits of already resource-strained staff. Attend this session for an in depth presentation on how FrontBridge provides customers with a compelling solution against these types of attacks. We will review the business drivers impacting customers and how IT can deploy a managed FrontBridge solution. Discover how customers can leverage Microsoft's managed solution by attending this session.

INTEGRATING ENTERPRISE ARCHIVE SOLUTION WITH EXCHANGE 12 TO ENABLE COMPLIANCE WITH INFORMATION RETENTION REGULATIONS

TBD

Abstract not available.

DATA PROTECTION IS ARCHIVAL, DISASTER RECOVERY, AND LIFE CYCLE MANAGEMENT

TBD

Today's critical messaging environments demand continuous data protection and access, while supporting massive message stores. Organizations are seeing periods of explosive data growth. New challenges arise in maintaining compliance with evolving regulations, while struggling to provide information worker and Exchange Administrator efficiencies. Traditional backup and recovery techniques for Exchange Server are no longer able to meet these needs. In this session, attendees will learn to optimize their Exchange environments, improve productivity, and reduce RTO and RPO. The speaker will discuss a new paradigm for data management of Exchange that uses the latest disk storage and replication technology, delivers "loss-less" data capture and efficient bulk-extraction methods. The presentation will cover E12, demonstrating how the next generation strategy enhances and extends the innovative data handling features of E12. These functions are achieved in a single pass, guaranteeing a seamless, unified solution for measurable benefits across the organization. This new paradigm ensures enhanced Exchange recovery, storage optimization, and email archival for compliance.

Additional sessions and speakers from the Windows and Microsoft Exchange teams will be added to the agenda. See Web site for updates. www.WinConnections.com

Sessions and speakers are subject to change. See Web site for updates. www.WinConnections.com

Microsoft
EXCHANGE
Troubleshooting
Course *Hands-on*

Be the first at your company to attend this course, formerly offered only to internal Microsoft employees!

PRESENTER



PETER O'DOWD
BLADE/WADEWARE

This hands-on three-day course helps Exchange operations and support professionals identify, diagnose, and resolve infrastructure issues. Modules begin with a short lecture describing an issue and the tools that are used to isolate the root cause. The majority of each module is spent working hands-on with the tools: proper usage, expected inputs and outputs, interpreting results, and implementing resolutions.

Register NOW!
 This class
 sells out quickly!

DAY 1 **Troubleshooting Disaster Recovery with Exchange Server 2003**

Covers the Exchange Database Architecture and the tools and process used to recover an Exchange Server 2003 environment. In this one-day workshop, the student gets hands-on experience in recovering an e-mail environment.

DAY 2 **Troubleshooting Message Flow in Exchange Server 2003**

Reviews the Exchange Transport architecture, message flow improvements in Exchange Server 2003, message flow dependencies, Active Directory (a messaging dependency), troubleshooting tools, DNS issues that affect Mail Flow, Recipient Update Service, and troubleshooting mail flow.

DAY 3 **Troubleshooting Performance in Exchange Server 2003**

Covers performance monitoring concepts, monitoring performance strategies, and the performance monitoring process. These topics are followed by a review of the tools and how to isolate the performance problem.

Seats in this hands-on troubleshooting course are limited.
You must indicate on the registration page if you plan to attend any or all of the days.

WINDOWS Connections 2006

As rapidly as information technology moves forward, you as an IT professional need to invest your time to stay competitive.

TROUBLESHOOTING DNS IN AN ACTIVE DIRECTORY WORLD

Mark Minasi

Your Active Directory is acting up, but where do you look to find the trouble—Active Directory Users and Computers? Sites and Services? Domains and Trusts? Nope, in most cases the problem lies in DNS. DNS failures can lead to logon problems, group policy mysteries, and more, as you'll learn in this nuts-and-bolts session. You can't be a black belt AD troubleshooter without an in-depth knowledge of how to make DNS work for AD, not against it. In this session, Mark Minasi, Windows networking techie and author of Mastering Windows Server series, reveals the most common DNS problems and puzzles and how to solve them.

WINDOWS LOGONS REVEALED

Mark Minasi

Every day we log on to our Windows systems. But what really happens when we do? How do our workstations and our domain controllers exchange logon information without revealing our passwords? For that matter, how are our workstations able to find DCs even on days when the local DC is sick? Let veteran Windows explicator Mark Minasi show you how logons work, how they sometimes don't work (and how you can fix them), and how to better secure them. Mark will also give you the tools to understand where Microsoft's logon protocols are and aren't so secure.

WINDOWS POWER TOOLS: COMMAND-LINE GEMS

Mark Minasi

If you're still doing administration from the GUI, you should take another look at the command line. While GUIs are nice for now-and-then tasks, you can get a lot more accomplished from the command line. Even better, you can stuff your favorite command lines into Notepad to create the world's simplest administration tool. The hard part, of course, is getting started. Mark Minasi, author of Windows IT Pro's "This Old Resource Kit" and "Windows Power Tools" columns will explain the best Microsoft command-line administration tools.

NETWORKING CHANGES IN WINDOWS VISTA

Douglas Spindler

Microsoft is overhauling the network stack in Vista and for the next generation of Windows Server. This major overhaul will affect you! And this session will help you get prepared. Microsoft has announced that Vista out of the box will implement several protocols that were optional in Windows XP and Server 2003. We'll introduce you to new terms and the new protocol priority Microsoft has established. We've been working with Microsoft's networking team, and you will get the latest and most up-to-date information. Expect to find changes to IP addresses, requirements for new DNS entries, elimination of DHCP server, and a new set of commands. The new

stack can triple or quadruple LAN throughput, and modifications to the TCP/IP protocol will significantly increase traffic over a WAN.

AUTOMATE WINDOWS XP INSTALLS

Douglas Spindler

Learn how to automate the installation of Windows XP (or Server 2003) and cut your installation time dramatically. How much time do you waste installing XP and customizing XP on new machines? A typical installation takes around 45 minutes and requires a techie to answer questions during the installation process. Imaging-based solutions such as Ghost work well but are hardware specific, and a change in hardware requires a new image. In this session, you'll learn about free software tools that let you completely automate the process, reduce installation time to under 15 minutes, and create a CD that is not hardware specific. You can master these skills in about a day, and AD or SMS is not required.

MONITOR SERVER PERFORMANCE WITH MRTG

Douglas Spindler

Multi Router Traffic Grapher (MRTG) is a free tool for monitoring and graphing network and server performance statistics in real time. In this hands-on training session, you'll learn how to install MRTG, configure it to collect performance data in real time, and display the data graphically on a Web page. MRTG is a neat little



program that you can use to monitor just about any type of network or server performance stats over time. We've used it to monitor WAN link bandwidth, server disk usage, LAN throughput, and wireless activity.

THE TOP 10 PROBLEMS WITH GROUP POLICY AND HOW TO SOLVE THEM

Darren Mar-Elia

This session will cover the top 10 most common scenarios that confuse and confound administrators, and it will provide explanations of the problems and how to solve them. The solutions presented here are based on the speaker's extensive contact with Group Policy users on newsgroups and mailing lists.

GROUP POLICY IN WINDOWS VISTA

Darren Mar-Elia

This session will review the new features coming in Group Policy with Windows Vista and will show how you can leverage them in your environment.

CREATE A SECURE DESKTOP WITH GROUP POLICY

Darren Mar-Elia

There are a number of technologies within Group Policy, such as Software Restriction Policy, IP Security, IE security policy, Windows Firewall and general security policy that form the basis for securing Windows. This session will provide real-world examples of how you can use these features to create secure desktops within your Windows environment.

FILE REPLICATION SERVICE

Rhonda Layfield

Have your Group Policies ever failed to replicate to a domain controller, or worse, gotten duplicate ("morphed") Group Policy objects? Learn how to troubleshoot a mysteriously failed GPO by understanding how File Replication Service (FRS) replicates GPOs, step-by-step. (And there are a lot of steps!) At the same time, see how to get rid of the morphed GPOs for good. Most administrators today are familiar with how to perform an authoritative restore of Active Directory but what about an authoritative restore for FRS? It can be just as important, if not more so. Discover how to use Microsoft's free FRSDiag, Ultrasound and Sonar tools, your essential weapons in the fight against FRS failures. And just to make your life more interesting, Server 2003 R2's FRS is an almost complete rewrite of FRS. You'll learn all about it when you attend this must-see talk.

CREATE A VIRTUAL TEST ENVIRONMENT

Rhonda Layfield

Do you currently have a test environment where you can easily test patches, service packs and upgrade existing software that is quick and easy to build? At first glance, it seems like an awful lot of work to build a parallel-but-separate test network that accurately reflects the structure of your production network. But you can create a complete virtual test environment easily and cost-effectively. Learn how to use CSVDE and LDIFDE to automatically create your entire Active Directory structure. See how DSACLs lets you create identical delegations, while GPMC can copy your Group Policy Objects over in a flash. You can do all of this and keep your test environment completely isolated from your production environment, and for a small fraction of the time and money it would take with a room full of servers and workstations.

LEVERAGING THE WINDOWS SECURITY LOG FOR REGULATORY COMPLIANCE

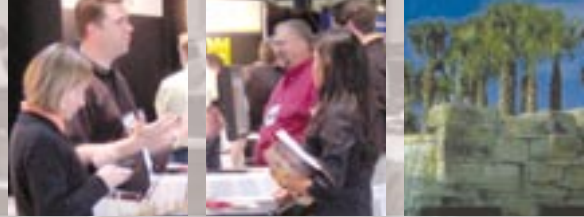
Randy Franklin Smith

The Windows security log provides a wealth of information that facilitates compliance with the monitoring and audit trail requirements of Sarbanes Oxley and other legislation such as HIPPA and GLBA. However, the security log is also cryptic, requires a detailed understanding of the Windows security subsystem, and has no built-in reporting or collection functionality. In this technical session, you'll learn the key event IDs for compliance, how to interpret patterns of events, about obscure differences between Windows 2000 and 2003 that can cause inaccurate reports and alerts, and more. You'll receive a security log check list specially designed for compliance and sample LogParser scripts.

PROTECTING THE INTRANET WITH 802.1X AND IPSEC

Randy Franklin Smith

Given the increase of connected business partners and service providers, the risk of branch offices and subsidiaries where commensurate physical and logical security can't be assumed, and the difficulty of protecting every network drop against rogue or unprotected systems, it's more important than ever to control network access within your wired network. Thankfully, the technologies already exist but implementing 802.1x, IPSec, and authorized DHCP is a challenge. This session will show you how to leverage Windows built-in support for these protocols now. In addition, we'll provide a roadmap to the future of Network Access Protection being built into Windows Vista and Longhorn Server.



WiFi SECURITY SCENARIOS

Randy Franklin Smith

WiFi is a proven technology for making companies more nimble but nobody denies the serious security implications of extending your internal network with WiFi. There are more options than ever for securing WiFi, but there's no one-size-fits-all solution. This session will compare each WiFi security scenario to help you identify the right solution for your needs, as well as provide you with a detailed roadmap for implementing the technology and alert you to important caveats and potential pitfalls along the way. Technologies and scenarios covered include 8021.x, WPA, WPA2, VPN over WiFi, IPSec, guest Internet access and more.

HACKING YOUR NETWORK FOR YOUR OWN PROTECTION

Alan Sugano

How secure is your network? We'll examine how hackers get into your network and countermeasures you can apply to protect against different hack attacks. We'll look at some real-world examples of hack attacks, how the attacks were discovered, and changes that were made to keep the hackers out. Learn how to identify the holes in your network and how to patch them to make your network more secure and less of a target to potential hackers.

YOU'VE BEEN HACKED: NOW WHAT?

Alan Sugano

No one wants to admit they've been hacked. But the chances of your company getting hacked are increasing. We've seen an alarming increase in the number of hacks in the last year. In this session, we'll discuss Intrusion Detection Systems (IDS), Hacking Forensics, Law Enforcement Contacts, and steps to develop a Hacking Recovery Plan. Just like a

Disaster Recovery Plan, a Hacking Recovery Plan should be an integral part of any IT Department's Strategic Plan. Don't wait until your company is in panic mode after a hack attack. Develop the plan ahead of time to reduce recovery time and gracefully recover from an attack.

WINDOWS SERVER DISASTER RECOVERY

Alan Sugano

The server just crashed! Do you have the latest backup? Was the server a Domain Controller? Where's the tape backup software? This session will discuss the different recovery methods, tips and tricks for quickly recovering a failed server. Learn the steps that are necessary to recover a server before it crashes. Don't wait until a server crashes to learn how to recover it. Windows Server recovery can be tricky, especially when recovering a domain controller or server that is running additional services like Exchange.

GROUP POLICY TOOLKIT SECRETS

Jeremy Moskowitz

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

WSUS: PATCH MANAGEMENT ARCHITECTURE AND IMPLEMENTATION

Jeremy Moskowitz

Microsoft has made dramatic improvements to patch management. If you have not yet migrated from SUS to WSUS, you must attend this session. Jeremy Moskowitz will show you how WSUS works and, more importantly, how to architect your implementation. Learn which strategies are best for what scenarios and how best to get the job done. Jeremy will also give you some migration tips to make your migration from SUS to WSUS as smooth as possible.

WINDOWS-LINUX INTEGRATION: AUTHENTICATION SERVICES

Jeremy Moskowitz

You're starting to get Linux desktops, and you want single sign-on, but you're committed to leveraging Active Directory to do it. If you have existing Unix or Linux, you might have a tough time getting to AD unless you know a few tricks. In this session, we'll describe and demonstrate how AD can be the focal point of your authentication network, some tips on how to configure Linux clients, and how the SAMBA (an application which makes Linux play nicely with Windows) fits in to the picture. If you've got Linux and Windows authentication headaches, this is the session for you.

PRACTICAL SOLUTIONS FOR PROVISIONING, VIRTUALIZING, AUTOMATING AND SECURING ADMINISTRATION

Dan Holme

Join us for a unique and invaluable look at methods for injecting business logic into advanced Active Directory administrative processes.

Sessions and speakers are subject to change. See Web site for updates. www.WinConnections.com

In this session, Dan Holme will illuminate the core issues, concepts, and solutions related to provisioning, virtualizing, and automating workflows without expensive third-party software. Learn how to apply group policy and scripting to improve processes, including new user provisioning, user termination, relocating a user to a new site or business, and subnet and site provisioning. Examine options for logging, tracking, and auditing such changes and for performing security sensitive tasks, such as user movement and deletion, in a least privilege context.

PRACTICAL SOLUTIONS FOR SECURITY AND MANAGEABILITY THROUGH ROLES, RBAC, AND LEAST PRIVILEGE

Dan Holme

Envision an enterprise in which users are defined by their business roles and where resource access and configuration are instantly, accurately, and auditably applied. This vision can be yours! Role-based management and role-based access control (RBAC) enable an enterprise to realize least-privilege and a documented, auditable structure for resource security and directory and asset management. The pieces are familiar: groups, ACLs, scripts, user rights and OUs. Putting the pieces together in just the right way is challenging. The payoff is tremendous. Cut your learning curve by “role”-ing in to this exciting, one-of-a-kind session.

PRACTICAL SOLUTIONS FOR ADVANCED DELEGATION IN ACTIVE DIRECTORY

Dan Holme

There are good wizards. There are evil wizards. And there are deceptive wizards like the Delegation of Control Wizard, which lures you into its spell with some great tricks, but masks the real power of Active Directory’s granular delegation model. Understand

when the Wizard is your friend and when you need to send it packing to effectively tackle Active Directory administration. Large enterprise implementations have provided lessons into the real-world needs of administrators, from the CIO to the front-line help desk. Dan will share these experiences with you, leading a think-tank toward the creation of an effective administrative hierarchy. You will learn the (surprisingly complex) steps required to enable administrators at various levels to reset a password, unlock an account, manage user accounts but not administrative accounts, and more. And you’ll discover simple script-based tricks and tools for ensuring standardized and efficient delegation.

IIS 7.0 INSIGHTS

Brett Hill

Prepare to be amazed. Microsoft IIS 7.0 is fundamentally a different product than any Web server Microsoft has created to date. Designed from the ground up with extensibility in mind, you can now deploy a complete Web server using Xcopy, use Windows Authentication against a database of users, use the native IIS manager over HTTP, and far more. IIS 7.0 lets you completely remove functionality from the server you don’t require or add new modules to extend capabilities to meet your business needs. You won’t want to miss this overview of IIS 7.0.

WHAT, ME WORRY? DEVELOPING A SECURITY AWARENESS STRATEGY

Steve Riley

Effective security requires a harmonious blend of working processes, modern technology, and educated people. For many organizations, that last part can be very challenging. Most people know what they need to do to get their jobs done, but how many know that everything they do with a computer has security implications? Properly configured users

can be your strongest line of defense. But configuring users is notoriously difficult. When the decision is between being secure and watching the dancing pigs, the dancing pigs win too many times. As more and more attacks target the humans at the computer rather than the software, having an educated user community has never been more important. Steve Riley will provide thought-provoking ideas, tips, and resources for raising security awareness in your organization.

SECURE REMOTE ACCESS

Steve Riley

Remote connections extend your network’s perimeter far and wide across the globe, often into networks that you know very little—or nothing—about. Because remote access to corporate networks is critical for business these days, it’s absolutely essential that you take the necessary steps to protect your own network and your remote clients from threats that lurk along the way. Basic requirements include not only strong user authentication but also knowledge of the remote computers and configurations that erect barriers against attack. Depending on the needs of your user community, some might require the flexibility of full IP-based virtual private networks (VPNs), others might need only simpler Terminal Server or web-based “remote display” access.

Technologies for secure remote access include Windows Routing and Remote Access Services (RRAS), VPN quarantine, strong authentication with smart cards, securing Terminal Server over the Internet, and web-based remote access to internal services. Steve Riley will help you understand the unique security requirements for various kinds of remote access and how to deploy the appropriate technology safely, to keep your network assets and your information protected.



CASE STUDIES FROM MICROSOFT.COM OPERATIONS

MONITORING AND REPORTING FOR THE ENTERPRISE

Scott Gaskins, Group Development Manager

In the world of Enterprise Operations, there is a great deal of diversity in systems and processes that need to be monitored and managed. Homogeneity of environments is almost unattainable and real-time, proactive monitoring and long-term trend reporting are critical success factors to surviving this fast paced world. How do you decide what to monitor? How do you decide which monitoring solutions to use? Come and learn how this is done today for Microsoft.com and what we envision for the next generation of monitoring and reporting.

IIS 7.0 ADOPTION ON MICROSOFT.COM

Jeff Stucky, System Engineer Manager, Debug Team

How does Microsoft.com run pre-release software on the busiest corporate Web site in the world and maintain 99.9 percent availability? Find out what goes on behind the scenes of early product adoption and the current status of Microsoft.com's IIS 7.0 project.

SQL SERVER 2005 ADOPTION

Brad LeRoss, Group Manager Operations, SQL Server

Have you been contemplating upgrading your database environment to SQL Server 2005? You've heard about the new features, now hear how the Microsoft.com Operations team upgraded their environment and lessons learned along the way. You'll hear how an operations team evaluated the benefits of upgrading, with before and after benchmarks from our production environment. You'll learn how Microsoft.com is utilizing database mirroring, peer-to-peer transactional replication, and log shipping to maintain one of the most visited sites on the internet.

GLOBAL LOAD BALANCING AND INFRASTRUCTURE DESIGN FOR RESILIENCE: THE SERVER INFRASTRUCTURE OF WWW.MICROSOFT.COM, MICROSOFT UPDATE, AND THE DOWNLOAD CENTER

Paul Wright, Architecture and Security Manager

Microsoft.com is one of the busiest Web sites in the world, and a constant target for hackers. These sites

include www.microsoft.com with 13 million unique users, 70 million page views per day, early product adoption, and the highest availability on the Internet; Windows Update with 200M unique client scans per day, 12,000 ASP.NET Req/sec and more than 1 million concurrent connections; and Downloads with more than 150 million downloads per day and up to 80Gbps of egress bandwidth consumed. Dive into the MSCOM Ops infrastructure design and scalability strategies with the team responsible for infrastructure architecture and security in this large-scale and highly visible environment. Find out how we use our architecture to adopt new technologies such as the 64-bit OS platform in production with no loss in site availability. Dig in to how we utilize Global Load Balancing and manage egress. From one IT Pro to another, get an inside look at the architecture, replication, and management of website configuration and content, and the network topology MSCOM Ops uses to create true 99.9 percent availability.

Sessions and speakers are subject to change. See Web site for updates. www.WinConnections.com

Additional sessions and speakers from the Windows and Microsoft Exchange teams will be added to the agenda. See Web site for updates. www.WinConnections.com

Enter to WIN

Enter the contest in the Expo Hall to **WIN a Harley-Davidson!** The winner will drive one home.



SharePoint

CONNECTIONS

BONUS TRACK

Microsoft SharePoint Architects go inside SharePoint and present the new features available to you. Keep your competitive edge and stay on top of this exciting technology

HOW DOES IT WORK - AN ADMIN-LEVEL OVERVIEW OF SHAREPOINT

Darrin Bishop

SharePoint Portal Server 2003 and Windows SharePoint Services are gaining wide adoption in the IT world, but only a small percentage of administrators and developers really understand how these technologies actually work. In this session we are going to look at how it all works and give you the knowledge you will need to customize and troubleshoot your portal. You will learn how a request for a page is handled as well as where key files and directories are located, such as the templates, images, binaries and style sheets. We will throw in some interesting web.config settings, key databases and configuration files and you will walk away with a solid understanding of these servers.

UP AND RUNNING - NOW WHAT DO I DO?

Darrin Bishop

You were handed the SharePoint Portal Server 2003 install DVD, did some research and finally have your portal up and running. Now what? This is an all too often common scenario for an administrator. Left alone the portal more often than not becomes an interesting experiment but not a real investment. The first half of this session will focus on the visionary aspect of your portal. We will look at various uses and implementations of SharePoint Portal Server and Windows SharePoint

Services to start your own vision of what your portal could be. The second half of the session will focus on the common follow-on technical tasks including disaster recovery, configuration of search and indexing, and integration that are needed to bring your portal to life. If you find yourself staring at a basic portal and wondering "Now what?" then this session will get you heading in the right direction.

WEB PARTS FOR ADMINS

Darrin Bishop

If you thought Web Parts were for developers only, think again! Developing new custom Web Parts for SharePoint Portal Server 2003 or Windows SharePoint Services is a developer task, but configuration, security and deployment are administrative functions. In this session we will cover the how and why of Web Parts from the administrator's perspective in order to make your life easier. We are going to start by looking at how users interact with Web Parts, Web Part Pages and Web Part galleries by adding, deleting, personalizing and connecting Web Parts. After covering the user interaction with Web Parts, we will overview exactly what a Web Part is and how you as the administrator of the system can secure, install and configure Web Parts. You will understand where to deploy a Web Part's assembly and definition file to achieve your administrative goals. Attend this session and you will receive a clear understanding of Web Part technology and all the pieces that go into a successful custom Web Part deployment.

INTEGRATING OFFICE 2003 AND SHAREPOINT

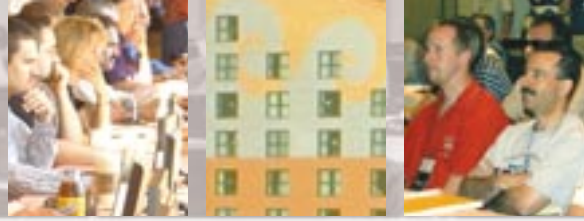
Kevin Laahs

SharePoint products and technologies provide a set of collaboration services that can be consumed by other applications. Microsoft Office System (and in particular Outlook 2003) leverages these services. In this session, we take a close look at the integration points and how they work from a technical point of view. We'll also cover how you can leverage these services in your own applications and extend the Office offerings—for example, adding a button to Outlook to add personal appointments and contacts to a Windows SharePoint Services hosted list.

MANAGING SHAREPOINT PORTAL SERVER USER PROFILES

Kevin Laahs

The SharePoint Portal Server User Profile is involved in many operations such as person discovery, audience targeting and My Site creation. Out of the box it can also be synchronized with the Active Directory. In this presentation we take a close look at the importance of the profile, how you can manage it and techniques for synchronizing the profile with other repositories.



SEARCHING WITH SHAREPOINT

Kevin Laahs

This session takes a look at the search technologies that both Windows SharePoint Services (WSS) and SharePoint Portal Server 2003 (SPS) employ and covers real-life deployment scenarios and challenges. We explore the architectures in both products, deployment options for ensuring a rich end-user experience, how search in a Shared Services environment works, how to customize the search experience, and how to build your own applications that use the search capabilities.

BACKUP AND RESTORE TIPS AND TRICKS FOR SHAREPOINT

Michael Noel

One of the more confusing aspects of administering a SharePoint environment is understanding the myriad of different methods that are available to backup SharePoint Sites and Portals. This session focuses on demystifying the SharePoint backup and restore processes, and discusses the pros and cons of various backup techniques with tools such as STSADM, SMIGRATE, SQL database backups, and the integrated SharePoint Portal Backup tool. In addition, undocumented tips and tricks for backing up individual SharePoint Sites using a combination of scripts and tools that can help

an Administrator quickly restore individual documents and content without a complex restore process are outlined and discussed.

BEST PRACTICE MAINTENANCE FOR SHAREPOINT PORTAL SERVER 2003

Michael Noel

This session covers best practice procedures for maintaining and optimizing a SharePoint Portal Server 2003 farm. Particular emphasis is given to maintenance techniques for the critical SQL database environment that SharePoint is dependent on, including advanced topics such as creating SQL database maintenance plans, archiving SQL SharePoint data, and other tips and tricks to help manage a distributed database SharePoint farm. In addition, prescriptive guidance about which maintenance tasks to perform on a daily, weekly, monthly, and quarterly basis are presented.

EXTREME SHAREPOINT SCALABILITY

Robert Ginsburg

In this session we will discuss the evolution of a WSS extranet service that was built to grow to 250K users. We will discuss server loading, application layer fault tolerant design elements, authentication, security and administration. We will demonstrate the art of creating and testing customer SLA's as well as planning for their expansion.

HOW TO USE LEVERAGE ADFS TO CONNECT YOUR SHAREPOINT EXTRANET TO YOUR PARTNERS

Robert Ginsburg

ADFS enhances IIS authentication services to include extranet users, but how do you map those users to SharePoint resources? How can you track usage? How can you leverage SAML to connect web parts to non-WSS services? In this session you will learn how to configure ADFS to provide WSS authentication and how to use that authentication with other systems.

TEMPLATEPALOOZA

Robert Ginsburg

With the exception of Search and User Profiles, SPS is a series of integrated WSS site templates. In this session we will discuss and create a WSS application that is composed of distinct, related site templates. Site hierarchy, administration, navigation and content management will all be demonstrated.

EVERY ATTENDEE RECEIVES:

A one-year subscription to

Windows IT Pro

- Three Lunches
- Three Continental Breakfasts
- Reception
- Theme Party
- Conference T-Shirt and Bag
- Proceedings Book & Resource CD



9:00 AM
-4:00 PM

EXCHANGE

EXCPRI: HANDS-ON EXCHANGE 2003 SERVICE PACK 2 Peter O'Dowd

This one-day course introduces students to the new features of Exchange 2003 Service Pack 2 (SP2). With hands-on labs, students will become proficient in the skills to work with and configure new features in Exchange 2003 SP2, including mailbox, server, anti-spam, and mobility enhancements. You will learn about the new Direct Push technology and how to stay always up to date and how to do GAL lookups with Windows Mobile 5 devices that have the Messaging and Security Feature Pack (MSFP). You will also learn how to configure mobile device policies for local wipe and how to perform a remote wipe. You will configure SenderID and custom weighting in the Internet Message Filter (IMF) to add another layer of defense against spam. The workshop will also cover other SP2 enhancements such as new ways to manage public folders and enhancements to Outlook cached mode enforcement.

9:00 AM
-12:00 PM

WINDOWS

WINPRI: THE ESSENTIAL GUIDE TO OPTIMIZING, TROUBLESHOOTING, AND SECURING YOUR NETWORK WITH NETWORK MONITOR Rhonda J. Layfield

You've probably heard of Network Monitor, Microsoft's tool that allows you to capture and view the data on the network wire to see what has actually occurred. But you might have tried it only to be scared away by the complexity of its output. This presentation by Netmon veteran Rhonda Layfield shows Netmon novices how to get started with this essential tool. Learn how to capture and interpret Netmon data. Set filters to capture only the specific traffic you are interested in or capture all traffic and filter it afterwards. Ever had one of those pesky intermittent issues that occur every 3 or 4 days at 1:00 am? Learn how to create a trigger to automatically start capturing data based on an event that has occurred at any time, whether you are there or not. Rhonda will show you how to load parser.dll's, where to take the trace from, when you need simultaneous traces, pattern matches and much, much more. Learn to make Network Monitor a valuable tool for troubleshooting in this half-day session.

1:00 PM
-4:00 PM**WINPR2: GROUP POLICY ESSENTIALS: CONFIGURATION, CONTROL, AND SECURITY** Jeremy Moskowitz

Group Policy is the most efficient way to manage desktops in a Windows environment. If you are still running to machines to install desktops, you are not taking full advantage of the power of Group Policy. In this practical workshop, Jeremy Moskowitz will help you gain control of your environment and get your life back. We'll warm up with some Group Policy basics. Then, you'll learn how to get your client machines up and running with automated setup options. After your machines are up and running, Jeremy will show you how to control your environment with templates. You'll learn how to remotely deploy software to your users' desktops and perform upgrades. Finally, you'll learn how to use Group Policy to secure collections of machines. We'll examine how security templates can do the heavy lifting and learn where to get more information when you run out of solutions.

9:00 AM
-4:00 PM**WINPR3: SCRIPTING FOR ADMINISTRATORS: A PRACTICAL IMMERSION** Dan Holme

If you have wanted to learn how to automate administrative tasks and how to build custom administrative tools, then this full-day pre-conference workshop will be a highlight of Windows Connections! Dan Holme will step you through the ins-and-outs of scripting, using real-world, practical examples that you can take away and put right to work in your environment! Your learning curve will be flattened as you learn to code by doing code. You will discover the best resources for finding scripts that with educated tweaking allow you to achieve superhuman tasks. As you dissect the scripts, develop the skills it takes to customize scripts to your needs and to build scripts from scratch. You will learn:

- key scripting concepts and techniques
- how to access and control systems using Windows Management Instrumentation (WMI)
- how to automate Active Directory administration
- how to tap into data sources such as Excel worksheets, Access tables, and Active Directory itself
- the tricks required to take scripts and wrap them within a web interface to create custom administrative tools

The practical solutions you will build include:

- a system inventory tool
- a group membership management web page
- sophisticated startup and logon scripts

The class will be hands on, and all participants will be required to bring a laptop capable of running at least one virtual machine. If you want to arrive at Windows Connections as a newbie or novice scripter and depart with a sophisticated skill set for taking scripts to the next level in your organization, don't miss this workshop!

WORKSHOP PREREQUISITES

Workshop participants must bring their own laptop capable of running virtual machines. We recommend an extra 256-512 MB of ram, above what is required by your operating system, as well as 8 GB of free hard drive space.

9:00 AM
-4:00 PM

EXCHANGE

EXCPSI: **SECURITY FOR EXCHANGE: ASSESSMENT, AUDITING, AND HARDENING** Jim McBee

Microsoft Exchange Server has become one of the most important applications for any size organization. Outside of a company's line-of-business application, users spend more time in e-mail than any other application. Consequently, the value of the data that is stored on an Exchange server becomes business-critical for these organizations.

Keeping the Exchange data secure, allowing access to Exchange servers both remotely and locally, protecting users from malicious e-mail content, reducing the amount of spam users receive, and keeping the Exchange services available is a significant part of the typical Exchange administrator's job. In this tutorial, we will cover the following topics:

- Steps necessary to immediately assess the security of your Exchange organization and message content and discover your weaknesses.
- How to enhance security with message encryption, digital signatures, digital rights management, and improved anti-spam technologies.
- The common (and uncommon) vulnerabilities including many that a typical administrator may not think about until it is too late.
- How to diagnose potential intrusions.
- The Exchange antivirus API, virus detection methodologies, multi-layer virus detection, and some common approaches to preventing viruses from disrupting a user's daily routine.
- Real-world solutions for fighting spam including multiple approaches to content inspection, spam detection, and preventing false positives, including white-listing, grey listing, black-listing, sender address verification technologies, Sender ID (SPF), and Domain Keys.
- The top Microsoft and third-party antivirus and anti-spam solutions on the market and the pros and cons of each.
- How to most securely provide Exchange services to users outside of your corporate network whether they use the Outlook client, Outlook Web Access, mobile devices, or a POP3/IMAP4 client.
- Understanding PKI and S/MIME for providing end-to-end protection of e-mail content.

9:00 AM
-4:00 PM

WINDOWS

WINPSI: **HANDS-ON NETWORK TROUBLESHOOTING** Douglas Spindler and Chris Greer

Faulty equipment? A congested network? A poorly behaving application? Or is that just the way TCP/IP works? In this all-day, hands-on seminar, you will learn how to use free and inexpensive software tools to quickly pinpoint the source of the slow network and what actions to take to restore performance. You will also learn why tools commonly used to diagnose network performance can report false and misleading information. You will learn why xBaseT has distance limitations, how to calculate how many Ethernet packets are on the Internet between San Francisco and New York, and what happens to network throughput with 50 percent, 75 percent, and 100 percent bandwidth utilization.

Doug and Mike will show you how broadcast traffic can paralyze every single computer on a network segment and when 100 percent broadcast traffic is acceptable on the network. You will walk through the steps to calculate and measure the throughput of 802.11b wireless networks, and you will see why 11mbs throughput is impossible to achieve. If you have Gig Ethernet and think you have 1,000 mbs throughput, you're wrong. In this session, you will measure the throughput on a gig network and take home the tools to measure your own network.

You will see how one Registry value can dramatically increase performance of file transfers on Windows computers. We will show you how easy it is to use network packet capturing programs to capture passwords, listen in on VoIP calls, view e-mails and see what web pages your boss is viewing behind closed doors. In this session, we will take a look at ill-behaved programs and show you how to use a network analyzer to capture packets to see why applications such as SQL Server are slow to respond. With commercially available tools, you will identify problems with applications that masquerade as network problems. You will get the tools and knowledge to prove exactly where the problem really exists.

WORKSHOP PREREQUISITES

All participants must bring their own laptop. A P-III 600mhz with 256 megs, 500 megs of free disk space, and a NIC is required, Win 98 or higher. (Wireless card and Windows 2000 or XP are recommended.)

9:00 AM
-4:00 PM

WINDOWS

WINPS2

WINDOWS ADMINISTRATORS' ACCELERATION TOOLKIT Dan Holme

Faster than a speeding Kerberos ticket...stronger than 128-bit encryption...It's Super Admin! Working with thousands of IT professionals, from the CIOs of Fortune companies to the front-line support technicians, Dan Holme has been able to identify the tools that are most needed, and most lacking, in Windows administration.

This session—expanded to a full day by popular demand—will empower you with the tricks that Dan has developed with enterprises large and small to facilitate administration and security. Dan will focus on creating highly customized and effective MMC consoles, scripts, intranet pages, and toolsets utilizing the native Windows administrative tools, support tools, and Resource Kit and free third-party utilities.

You will leave the session equipped with powerful tools ready to put to use, including:

- An HTML printer floor plan that allows users to point-and-print to the printer “just around the corner”
- The ability to add custom commands to Active Directory Users and Computers, from “Unlock this user” to “Show me this user’s photo.”
- The world’s best way to distribute Registry changes through Group Policy (and it’s not .adm files!)
- A script-based tool to lock down Active Directory delegation.
- Methods for deploying simplified and locked down administrative tools to lower level administrators; and amazingly powerful and flexible consoles to higher level admins.
- Approaches to implementing provisioning of user, group, and computer accounts with ready-to-use scripts and web-based tools that provide functionality similar to costly tools.
- A one-of-a-kind solution including subscription and self-subscription GPOs to deploy configuration and change management while simultaneously reducing the need for administrative intervention.
- Options to provide auditing and monitoring of changes to Active Directory.
- A punch-list discussion of under-documented and undocumented tips for improving and securing Active Directory, and for addressing common design and implementation mistakes.

This valuable session of deep-dive technical information, practical advice and proven, applied strategies will help you perfect your enterprise Active Directory on Windows Server 2003 and Windows 2000. It will not be for the faint-of-heart or new-to platform. Take the productivity and value of your directory and your IT staff to the next level with this one-of-a-kind session.

Sessions and speakers are subject to change. See Web site for updates. www.WinConnections.com



SPEAKERS



DARRIN BISHOP LRS IT Solutions
Darrin Bishop is an author and technology evangelist focusing on Microsoft SharePoint Technologies. Darrin is a product evangelist for KnowledgeLake, a St. Louis based Microsoft Gold Partner focusing on SharePoint Technologies, ECM, document imaging and workflow. He is the author of *The Rational Guide to Building SharePoint Web Parts* published by Rational Press. Darrin has been working with SharePoint Technologies since the release of SharePoint Portal Server 2001.



AMY EISENBERG *Windows IT Pro*
WINDOWS CONNECTIONS CHAIR MICROSOFT EXCHANGE CONNECTIONS CO-CHAIR
Amy Eisenberg is the executive editor for the *Windows IT Pro* family of publications. She has worked in publishing for 19 years. For more than 9 years, Amy has been responsible for developing Windows Server content for magazines, print and e-mail newsletters, and technical seminars that help IT pros get the most out of their Windows systems.



DEVIN GANGER 3Sharp
Devin L. Ganger is a technical writer and analyst for 3Sharp. He has more than 10 years of experience managing Windows and UNIX systems, with a focus on messaging, DNS, and security. Devin is co-author of the *Exchange Server Cookbook* (O'Reilly and Associates), the *Solution Accelerator for Exchange Consolidation and Migration*, and the *Planning Guide for the Solution Accelerator for Enterprise Messaging*. He writes the blog (E)mail Insecurity about messaging and security issues at blogs.3sharp.com/blog/deving.



ROBERT GINSBURG Version3, Inc.
As Chief Technology Officer, Robert Ginsburg spearheads the technology strategy behind Version3 and works with various product groups to help shepherd customers through early-adopter programs and in deploying SharePoint offerings in large-scale integrated and collaborative environments. Mr. Ginsburg's past projects include developing and delivering extensive training for SharePoint JDP customers as well as the US SharePoint Airlift.



BRETT HILL Microsoft
Brett Hill is a Server Evangelist at Microsoft specializing in IIS. Before joining Microsoft, he was an IIS MVP for three consecutive years and the author of the IIS Answers newsletter. He is a frequent contributor to *Windows IT Pro* and speaks regularly at Windows Connections.



DAN HOLME Intelliem
A graduate of Yale University and Thunderbird, Dan has spent 10 years as a consultant and trainer, delivering solutions to tens of thousands of IT professionals from the most prestigious organizations and corporations around the world. He has recently supported Active Directory design and implementation at enterprises such as Raytheon, ABN AMRO, Johnson & Johnson, and General Electric. Dan's company, Intelliem, specializes in boosting the productivity of IT professionals and end users by creating advanced, customized solutions that integrate clients' specific design and configuration into productivity-focused training and knowledge management services. From his base in sunny Arizona, Dan travels to client sites around the world and then unwinds on his favorite mode of transportation, his snowboard.



MIKE IRELAND HP
Mike Ireland is an engineer for HP's Managed Services group. He has been working with messaging systems for more than 14 years. His main focus has been providing architecture and engineering support internally for HP as well as for HP's managed messaging customers that use Microsoft Exchange.



MISSY KOSLOSKY Quest Software
Missy Koslosky is a product manager in the Windows Management group at Quest Software and has been an Exchange MVP since 1999. Missy has managed Exchange Server organizations for the federal government, designed Exchange architectures for an ASP, and worked as a consultant, helping organizations architect and deploy both Exchange and Active Directory (AD). Missy is a coauthor of the *Exchange Cookbook* (O'Reilly); has edited various books on Exchange for Microsoft Press, O'Reilly, Digital Press, and Sybex; and has written numerous Microsoft white papers including *Supporting Regulatory Compliance with Microsoft Exchange Server 2003*, *Integrated Solutions for Regulatory Compliance with Windows Server Technologies*, and the *Solution Accelerator for Exchange Migration and Consolidation*.



KEVIN LAHNS HP
Kevin Laahs is a Principal Technology Consultant in HP Services' Advanced Technology Group. He focuses on helping corporate clients get the most out of their Microsoft based messaging and collaboration systems. He is also a frequent contributor to industry publications such as *Windows IT Pro* and regular presents at industry conferences. He is the co-author of two books on SharePoint with a third in the making.



RHONDA LAYFIELD Consultant/Trainer
Rhonda Layfield began her network support career in 1982 serving in the US Navy, where she worked for 7 years in communications with a top secret clearance. Since then, she has spent her time alternating between consulting (including a network support role at Microsoft in PSS Networking) and training (currently teaching MCSE bootcamps). Some of her clients include Dow Jones, the US Airforce, the US Army, IBM, Bank of America, Duke Energy, Wachovia, Bell Atlantic, and EDS. She is currently an NT/ 2000/2003 MCSE, MCSE:Security, MCT, and CCNA.



DARREN MAR-ELIA Quest Software
Darren Mar-Elia is a Microsoft MVP for Group Policy and CTO for Windows Management at Quest Software. He is a contributing editor to *Windows IT Pro* magazine and has written or contributed to more than 10 books on Windows management technologies. He maintains a Group Policy resource Web site at www.gpoguy.com



JIM MCBEE Consultant
Jim McBee is an MCT and an Exchange MVP based in Honolulu, Hawaii. He's an Exchange consultant, trainer, and writer. His clients include the US military and Microsoft. He's a regular speaker and trainer at events around the United States and Asia, the author of the Sybex Exchange 24seven series, and a regular contributor to *Exchange & Outlook Administrator*. In his free time, he's the guy on Waikiki beach with a surfboard, laptop, and child dog.



KIERAN MCCORRY HP
Kieran McCorry is a principal consultant in HP's Advanced Technology Group and an Exchange MVP. Kieran has worked on the planning, design, and implementation of infrastructures for many of HP's largest worldwide customers, including the State of California, Pfizer, ING, BP, Bosch, Reuters, UBS, ExxonMobil, AstraZeneca, Morgan Stanley, and Goldman Sachs. He's a frequent speaker at Microsoft Exchange Conferences, Microsoft TechEd, HP World, and Exchange Connections Conference and a regular contributor to *Exchange & Outlook Administrator* and *Windows IT Pro*. He's author of *Connecting Microsoft Exchange Server* (Digital Press), *Exchange 2000 Infrastructure Design* (Digital Press), and *Exchange 2003 Deployment and Migration* (Digital Press).



MARK MINASI MR&D
Mark Minasi is an author, a technology columnist, a commentator, a keynote speaker, and an all-around alpha geek. What separates him from many of the other alpha geeks is that he knows how to explain things to normal humans and often make them laugh while doing it. He's probably best known for his books, *Mastering Windows NT Server* (Sybex), *Mastering Windows 2000 Server*, and *The Complete PC Upgrade and Maintenance Guide* and his columns in *Windows IT Pro*. Mark has also authored 17 other technology books, spoken on technical topics in 20 countries, and written and appeared in a dozen technical education videos. His most recent works are *Mastering Windows 2000 Server, Third Edition* and *Mastering Windows XP Professional*. He has also written *Linux for NT/2000 Administrators* and a seventh edition of *Mastering Windows NT Server 4.0*.



SUE MOSHER Turtleflock LLC
Sue Mosher is an independent consultant, working mainly on Outlook development and deployment issues and helping expand the universe of Outlook programmers through her Web site at <http://www.outlookcode.com> and her book *Microsoft Outlook Programming: Jumpstart for Administrators, Developers, and Power Users* (Digital Press). Her firm, Turtleflock LLC, operates from Arlington, Virginia. She has earned recognition as a Microsoft MVP every year since 1994. Her latest book is *Configuring Microsoft Outlook 2003* (Digital Press).



JEREMY MOSKOWITZ Moskowitz, Inc.
Jeremy Moskowitz, MCSE, MCSA, founder of Moskowitz, Inc. (www.moskowitz-inc.com), is an independent consultant and trainer for Group Policy and Active Directory. His two-day, hands-on intensive Group Policy training has been attended by many of the world's leading companies. He runs www.GPanswers.com, a community forum to answer tough Group Policy questions. He speaks at IT conferences and inside corporations all over the world. He has authored or co-authored six books, including *Teach Yourself Windows 2000 Server in 24 Hours* (SAMS) (translated into a dozen languages) and *Windows 2003: Active Directory Administration Essentials* (*Windows IT Pro* eBooks). His latest book is *Group Policy, Profiles, and IntelliMirror for Windows 2003, Windows XP, and Windows 2000* (Sybex). Since becoming one of the world's first MCSEs on both Windows NT and Windows 2000, he has performed Active Directory, Group Policy, Windows infrastructure, and SMS planning and implementation for some of the nation's largest organizations. Jeremy frequently contributes to *Windows IT Pro*.

MICHAEL NOEL Convergent Computing
See Web site for bio. www.WinConnections.com

SPEAKERS



MIKE PENNACCHI

Network Protocol Specialists

Mike Pennacchi is one of the world's leading experts on pinpointing the causes of network and application performance issues. Mike's company, Network Protocol Specialists, works with clients to solve performance issues. When Mike is not analyzing networks, you can find him lecturing or offering training on the topic of networking for server and network administrators.



TONY REDMOND

HP

Tony Redmond is the Vice President and Chief Technology Officer for HP Services. He is responsible for the technology strategy and leadership of HP Services, including the development of the HP Services technology community, including overseeing the implementation of the Technical Career Path (TCP), Professions, and advancing a knowledge culture within HP Services. He is responsible for driving a common R&D and technology leadership across the HP Services business units. Tony is the Security Lead for HP and manages the HP Security Office, which is responsible for setting the strategy and direction for HP's security initiative and coordinating activities across all business units.



STEVE RILEY

Microsoft

Steve's career at Microsoft began in 1998 in the telecommunications practice of Microsoft Consulting Services where he worked with several ISPs and ASPs to design highly-available network architectures, develop hosting platforms for various custom and off-the-shelf applications, and deploy complex multi-site VPNs. His specialization in security led him next to the security consulting practice, where he worked with many customers to conduct security assessments and risk analysis, deploy technologies for attack prevention and intrusion detection, and assist with occasional incident response efforts. Steve is now a product manager in Microsoft's Security Business Unit. He is a frequent and popular speaker at conferences worldwide, often appearing in Asia one week and Europe the next; Steve's speaking engagements have included multiple Microsoft TechEds and other conferences, plus SANS, RSA, Black Hat, *Windows IT Pro* roadshows, and InfoSec US. When not evangelizing the benefits of Microsoft security technology, Steve spends time with customers to better understand the security pain they face and show how some of that pain can be eliminated. Steve's technical specialties include network and host security, communication protocols, network design, and information security policies and process.



PAUL ROBICHAUX

3sharp

MICROSOFT EXCHANGE CONNECTIONS CO-CHAIR

Paul Robichaux is a partner in 3sharp (www.3sharp.com), a contributing editor for *Windows IT Pro*, an Exchange MVP, and the author of more than a dozen books on Windows and Exchange. When he's not traveling the world speaking or consulting on Exchange, you can find him at home with family, out fishing on Lake Erie, or watching his children play soccer.



RANDY FRANKLIN SMITH

UltimateWindowsSecurity.com

Randy Franklin Smith is president of Monterey Technology Group and creator of the UltimateWindowsSecurity.com course series. As an SSCP, Microsoft Security MVP, and CISA, Randy specializes in Windows and Active Directory security. He performs security reviews for clients ranging from small firms to Fortune 500 companies. Randy is an award-winning writer and contributing editor for *Windows IT Pro* magazine and technical editor for the *Windows IT Security* newsletter.



DOUGLAS SPINDLER

Consultant

Douglas R. Spindler has been an independent consultant for more than 20 years in the San Francisco Bay Area. He loves solving computer networking problems and coming up with innovative solutions. When not solving client's problems, Douglas runs an independent product testing lab and is president of the San Francisco Networking Technologies Users Group, the largest professionals association for Microsoft server administrators. He has authored numerous articles, lectures at trade events, and teaches college courses. Douglas holds many certifications including an MCSE + Internet and has been a Microsoft Most Valuable Professional (MVP) for the past 4 years.



ALAN SUGANO

ADS Consulting Group, Inc.

Alan Sugano writes the monthly Networking Perspectives commentary for *Windows IT Pro UPDATE*. He's the president of ADS Consulting Group, Inc. (ADS), which specializes in networking, custom programming, Web development, SQL Server development, and ACCPAC Plus accounting implementations. Alan frequently delivers talks on network audits, server selection, network documentation, network management, network design and topologies, SQL databases, and disaster recovery.

Additional sessions and speakers from the Windows and Microsoft Exchange teams will be added to the agenda.

See Web site for updates. www.WinConnections.com

Sessions and speakers are subject to change. See Web site for updates. www.WinConnections.com

**WHAT MADE
DEVCONNECTIONS THE
LARGEST AND MOST
PROGRESSIVE EVENT
DEDICATED TO
DEVELOPERS AND DBAs?**

EXCEPTIONAL CONTENT—
relevant and cutting edge

EXPERT SPEAKERS—
more than any event
of it's kind

**ENGAGING Q&A
SESSIONS—**hosted by
Microsoft architects

EXCITING EVENTS—
located in a world-
class resort

**ONLY MICROSOFT
AND INDUSTRY
EXPERTS PRESENT
AT CONNECTIONS!**

REGISTER TODAY!

or for more information go to:
www.DevConnections.com
or call us at:
800-438-6720

REGISTER EARLY FOR ONE EVENT and attend
the sessions of the concurrently run events
for FREE including SQL Server Magazine
Connections! See page 20 for session topics.

April 2-5, 2006

Orlando, Florida

Hyatt Regency
Grand Cypress Resort



**Early
Early Bird
Registration Bonus**

Register and book your
room before January 24th
and receive a **FREE NIGHT**
at the Hyatt!
(based on a 3-night
minimum stay)

MICROSOFT
ASP.NET
CONNECTIONS

Visual Studio
CONNECTIONS

Celebrating
its Four Year Anniversary!

SharePoint
CONNECTIONS

SQL SERVER
magazine
CONNECTIONS

Microsoft

msdn
magazine

SQL SERVER
magazine

TECH
Conferences
PENTON MEDIA

EVENT INFORMATION

ORLANDO, FLORIDA WALT DISNEY WORLD SWAN

HOTEL ACCOMMODATIONS

Walt Disney World Swan Resort, 1500 Epcot Resorts Blvd, Lake Buena Vista, FL 32830, is the conference site and host hotel where all sessions and activities are held. Reserve your room early and receive our group discount rate. Call the conference hotline at 800-505-1201 or 203-268-3204. Space is limited. Reserve now.

*Register and book your room at the same time, before January 31st, and receive a FREE NIGHT at the Walt Disney World Swan (based on a 3-night minimum stay)!

AIRLINE

Call our travel desk at 203-562-6668 to make airline reservations.

AIRPORT SHUTTLE

Mears Transportation is the designated ground carrier at Orlando International Airport. The shuttle may be picked up at Level 1 of the airport. The shuttle is available 24 hours a day. The rates to the Walt Disney World Swan Resort are as follows: One-way is \$17.00 and round-trip is \$29.00. You may call Mears directly at 407-843-2404 for more information or go to their Web site www.mearstransportation.com. Prices are subject to change.

CAR RENTAL

Hertz is offering car rental discounts for all attendees. Call the Hertz Meeting Desk at 800-654-2240 or go online to www.hertz.com to make a reservation. Refer to code CV# 010R0027 to receive your attendee discount.

ATTIRE

The recommended dress for the conference is casual and comfortable. Please bring along a sweater or jacket, as the meeting rooms can get cool with the hotel's air conditioning.

GROUP DISCOUNT

Register 3 or more people from the same company and get \$200 off each successive registration for each person when all people are registered together (4th gets \$200 off, 5th gets \$200 off). Call 800-505-1201 to take advantage of group discount pricing.

TAX DEDUCTION

Your attendance to a DevConnections conference may be tax deductible. Visit www.irs.ustreas.gov. Look for topic 513 - Educational Expenses. You may be able to deduct the conference fee if you undertake to (1) maintain or improve skills required in your present job or (2) fulfill an employment condition mandated by your employer to keep your salary, status, or job.



APRIL 9-12, 2006

MICROSOFT EXCHANGE CONNECTIONS
WINDOWS CONNECTIONS

MICROSOFT
EXCHANGE
Connections
2006

WINDOWS
Connections
2006

REGISTER TODAY!

www.WinConnections.com
800.505.1201
203.268.3204

April 9-12, 2006

Co-located in

Orlando, FL Walt Disney World Swan Resort

Microsoft[®]

WindowsIT Pro

TechNet
The Microsoft journal for IT Professionals

TECH
Conferences Inc.
PENTON MEDIA

Microsoft Exchange Connections 2006
Windows Connections 2006
c/o Tech Conferences, Inc.
731 Main Street, Suite D-3
Monroe, CT 06468

PRSR STD
U.S. POSTAGE PAID
SO YARMOUTH, MA
02664
PERMIT 30

MAIL ROOM: IF ADDRESSEE IS NO LONGER HERE,
PLEASE ROUTE TO MIS MANAGER OR TRAINING DIRECTOR.