

Configuring Windows Devices, Part 7 of 8: Monitoring and Managing Users

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Meet the expert: Patrick Loner has certifications for MCSA, MCSE, MCITP, A+, Network+, Security+, and more. He has been working as a Microsoft Certified Trainer, network administrator, and network consultant for over ten years. He has over a decade of experience working with and teaching about Windows networks with client and server operating systems. He has guided many students toward Microsoft and CompTIA certifications. Most recently, he has worked as a freelance trainer and network consultant specializing in Windows Server 2008 and Microsoft Exchange 2007 and Exchange 2010 implementations, design, and upgrades. Patrick continues to branch out now working with and training on Windows Server 2012, Windows 8, Exchange 2013, and System Center Configuration Manager 2012.

Prerequisites: This is part 7 in the series.

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Course description: A number of new features have been added to or enhanced with Windows 10. This course discusses Working with Updates and how to both monitor and optimize them. Next, it talks about managing devices and drivers as well as recovering files. Finally, it shows how to manage user profiles as well as user state virtualization and user profile migration. This course is part of the 70-697 exam preparation.

Course outline:

Working with Updates

- Introduction
- Updates
- Manage Updates
- Configure Updates with GPOs
- Summary

Monitoring and Optimizing

- Introduction
- System Performance
- Performance Monitor
- Resource Monitor
- Demo: Task Manager and Resource Monitor
- Demo: Performance Monitor
- Reliability
- Troubleshoot Reliability
- Demo: Reliability Monitoring Controls
- Event Viewer
- Demo: Event Viewer
- Demo: Event Viewer Continued
- Summary

Managing Device Drivers

- Introduction
- Device Drivers
- Plug and Play
- Management Tools
- Driver Updates
- Driver Privileges

- Demo: Manage Device Drivers
- Summary

Recovering Files and Devices

- Introduction
- File History
- Windows Backup Utility
- Demo: File History
- Startup Files and Process
- Step by Step
- Windows Recovery Environment
- System Restore and msconfig
- Advanced Boot Options
- Summary
- Summary

Manage User Profiles

- Introduction
- User Profiles
- Types of Profiles
- Folder Redirection
- Primary Computer Setting
- Demo: Manage User Data
- Demo: Manage Profiles in Active Directory
- Summary

User State Virtualization

- Introduction
- User State Virtualization
- UE-V Components
- Synchronization Process

- Prepare the Environment
- Deploy UE-V
- Summary

User Profile Migration

- Introduction
- User Profile Migration
- USMT Tools
- USMT Process
- Features
- Components
- The config.xml File
- Scanstate
- Loadstate
- Summary
- Summary