



PCS Edventures Inc.
345 Bobwhite Ct. Ste. 200
Boise, ID 83706
Voice: (208) 343-3110 Fax: (208) 343-1321
<http://www.edventures.com> OTCBB:PCSV

70-270 WINDOWS XP PROFESSIONAL ®

The 70-270 series of Windows® based training covers the Windows XP Professional® operating system. It includes basics regarding the operating system's interface to very specific applications, services and configurations.

- Activity 1-1: Introducing the new Windows XP interface
- Activity 1-2: Setting up the desktop
- Activity 1-3: Verifying Windows XP Professional hardware compatibility
- Activity 1-4: Monitoring Windows XP activity
- Activity 2-1: Network Installation Setup
- Activity 2-2: Windows XP Support Tools
- Activity 2-3: Unattended Installation Preparation
- Activity 2-4: Disk Partitioning
- Activity 2-5: Manual Install of Windows XP
- Activity 2-6: Removing Windows XP
- Activity 3-1: Add/Remove Applications
- Activity 3-2: Setting the Time
- Activity 3-3: To Add Additional Monitors to Your Configuration
- Activity 3-4: Configuring Windows XP for Standalone Use To Add Additional Monitors to Your Configuration
- Activity 3-5: Configuring Power Options
- Activity 3-6: Scheduling Tasks
- Activity 3-7: Custom Sound
- Activity 3-8: Managing Devices
- Activity 3-9: Hardware Resource Configuration
- Activity 3-10: Multiple Hardware Configurations
- Activity 3-11: The Mobile Computer
- Activity 3-12: Microsoft Management Console
- Activity 4-1: Creating a Disk Partition
- Activity 4-2: Activating a Partition
- Activity 4-3: Creating a New Volume
- Activity 4-4: Converting from Basic to Dynamic
- Activity 4-5: Creating a New Volume on a Dynamic Disk
- Activity 4-6: Extending a Volume
- Activity 4-7: Reverting from Dynamic to Basic
- Activity 4-8: Converting to NTFS
- Activity 4-9: Compressing and Decompressing a Folder
- Activity 4-10: Changing Drive Letters
- Activity 4-11: Deleting a Partition
- Activity 4-12: Deleting a Volume
- Activity 4-13: Creating a New Mounted Volume
- Activity 4-14: Deleting a Mounted Volume
- Activity 4-15: Creating a Share
- Activity 4-16: Creating and Removing a Share
- Activity 4-17: Mapping a Network Drive
- Activity 4-18: Copying Files to a CD
- Activity 4-19: Accessing Offline Files

Activity 5-1: Importing Accounts
Activity 5-2: Change Group Membership for an Imported Account
Activity 5-3: Delete an Imported Account
Activity 5-4: Creating a Local Account
Activity 5-5: Change Group Membership for a Local Account
Activity 5-6: Create a Local Group
Activity 5-7: Delete a Local Group
Activity 5-8: Joining a Domain: Method 1
Activity 5-9: Joining a Domain: Method 2
Activity 5-10: Leaving a Domain
Activity 5-11: Local Security Policy
Activity 5-12: User Rights
Activity 5-13: Transfer Files and Settings
Activity 6-1: NTFS Permissions
Activity 6-2: Opening the Local Computer Policy Snap-in
Activity 6-3: Suppressing the Last Username
Activity 6-4: Legal Warning Messages
Activity 6-5: Choose a Different Shell
Activity 6-6: Encrypting Files and Folders
Activity 6-7: Exploring Local Computer Policy
Activity 6-8: Configuring Auditing
Activity 6-9: Auditing File Access
Activity 7-1: Local Area Connection Properties
Activity 7-2: Network Bindings
Activity 7-3: Testing TCP/IP Communications
Activity 7-4: Name-to-address Resolution
Activity 7-5: TCP/IP Configuration
Activity 7-6: Requesting Remote Assistance
Activity 7-7: Providing Remote Assistance
Activity 7-8: Installing the NetWare Protocol
Activity 7-9: Client Services for NetWare
Activity 8-1: Dial Up to an ISP
Activity 8-2: Internet Connection Sharing
Activity 8-3: Internet Connection Firewall
Activity 8-4: Dial Up to a Private Network
Activity 8-5: VPN Connection
Activity 8-6: Incoming Connections
Activity 8-7: Direct Connections
Activity 8-8: Internet Information Server
Activity 8-9: Managing Web Resources
Activity 9-1: Add a Local Printer
Activity 9-2: Managing Print Queues
Activity 9-3: Sharing a Local Printer
Activity 9-4: Managing a Printer
Activity 9-5: Internet Printing
Activity 9-6: Print Spool Location
Activity 9-7: Removing a Printer
Activity 9-8: Fax Printing
Activity 10-1: Monitoring the system
Activity 10-2: Customizing the system monitor display
Activity 10-3: Creating a counter log
Activity 10-4: Viewing a counter log
Activity 10-5: Counter alerts

Activity 10-6: Tracking activity with event Viewer
Activity 10-7: Create a baseline
Activity 11-1: VDM Applications
Activity 11-2: The DOS Environment
Activity 11-3: DOS Application Properties
Activity 11-4: Separate Memory Space for Win16 Applications
Activity 11-5: Processes and Threads
Activity 11-6: Compatibility Mode
Activity 12-1: Viewing a Registry Value
Activity 12-2: Search for a Registry Key or Value
Activity 12-3: Command-line Registry Editor
Activity 12-4: Registry Backup
Activity 12-5: Registry Restore
Activity 12-6: Regedit Security
Activity 13-1: Safe Mode Booting
Activity 13-2: Boot with Minimal Video
Activity 13-3: Boot in Safe Mode with Networking
Activity 13-4: Modify Boot.ini Using the GUI Interface
Activity 13-5: Modify Boot.ini Manually
Activity 13-6: Last Known Good Configuration
Activity 14-1: Synchronizing Files
Activity 14-2: Removing an Application
Activity 14-3: Windows Backup
Activity 14-4: Scheduled Backups
Activity 14-5: Recovery Console
Activity 14-6: Remove Recovery Console
Activity 15-1: Computer Information File
Activity 15-2: Viewing the System Log
Activity 15-3: Workstation Services
Activity 15-4: Computer Management
Activity 15-5: Troubleshooting Resource Access
Activity 15-6: Troubleshooting Printing
Activity 15-7: Prepare an Integrated Installation of a Service Pack
Activity 15-8: Applying Service Packs
Activity 15-9: Uninstalling Service Packs

70-290 GETTING STARTED WITH WINDOWS SERVER 2003®

The 'Getting started with Windows Server 2003' series of Windows® based training covers exercises related to the efficient operation the Windows Server 2003® operating system. It includes basics regarding the operating system's interface to very specific applications, services and configurations.

- Activity 1-1: Determining the Windows Server 2003 Edition Installed on a Server
- Activity 1-2: Determining the Domain or Workgroup Membership of a Windows Server 2003
- Activity 1-3: Viewing and Configuring Computer Account Settings in Active Directory Users and Computers
- Activity 1-4: Resetting a Domain User Account Password Using Active Directory Users and Computers
- Activity 1-5: Creating a Custom Microsoft Management Console
- Activity 2-1: Exploring Device Manager
- Activity 2-2: Installing a Plug and Play Hardware Device
- Activity 2-3: Viewing Resource Settings Using Device Manager
- Activity 2-4: Configuring Driver Signing Options
- Activity 2-5: Using the File Signature Verification Utility
- Activity 2-6: Using the Roll Back Driver Feature
- Activity 2-7: Viewing and Configuring Virtual Memory Settings
- Activity 2-8: Creating a Hardware Profile
- Activity 2-9: Defining a Power Scheme
- Activity 3-1: Reviewing User Account Properties
- Activity 3-2: Testing Local Profile Settings
- Activity 3-3: Configuring and Testing a Roaming Profile
- Activity 3-4: Configuring a Mandatory Profile
- Activity 3-5: Creating User Accounts Using Active Directory Users and Computers
- Activity 3-6: Creating a User Account Template
- Activity 3-7: Creating User Accounts Using DSADD
- Activity 3-8: Modifying User Accounts Using DSMOD
- Activity 3-9: Exporting Active Directory Users Using LDIFDE
- Activity 4-1: Creating and Adding Members to Global Groups
- Activity 4-2: Creating and Adding Members to Domain Local Groups
- Activity 4-3: Changing the Functional Level of a Domain and Creating and Adding Members to Universal Groups
- Activity 4-4: Converting Group Types
- Activity 4-5: Converting Group Scopes
- Activity 4-6: Creating Groups Using DSADD
- Activity 4-7: Modifying Groups Using DSMOD
- Activity 4-8: Creating and Managing Computer Accounts
- Activity 5-1: Creating a Shared Folder Using Windows Explorer
- Activity 5-2: Creating and Viewing Shared Folders Using Computer Management
- Activity 5-3: Implementing Shared Folder Permissions
- Activity 5-4: Implementing Standard NTFS Permissions
- Activity 5-5: Configuring Special NTFS Permissions
- Activity 5-6: Determining Effective NTFS Permissions
- Activity 5-7: Exploring the Impact of Combined Shared Folder and NTFS Permissions
- Activity 5-8: Converting a FAT32 Partition to NTFS
- Activity 6-1: Viewing and Managing Disk Properties with Disk Management
- Activity 6-2: Creating and Deleting a Primary Partition

Activity 6-3: Creating an Extended Partition
Activity 6-4: Creating a Logical Drive
Activity 6-5: Converting a Basic Disk to a Dynamic Disk
Activity 6-6: Creating a Simple Volume
Activity 6-7: Extending a Volume Using DISKPART
Activity 6-8: Mounting an NTFS Volume
Activity 6-9: Using the Disk Defragmenter Utility
Activity 7-1: Viewing and Configuring File and Folder Attributes Using Windows Explorer
Activity 7-2: Changing File Attributes Using the ATTRIB Command
Activity 7-3: Configuring Folder Compression Settings
Activity 7-4: Encrypting Files Using Windows Explorer
Activity 7-5: Encrypting Files Using the CIPHER Utility
Activity 7-6: Configuring and Managing Disk Quotas
Activity 7-7: Implementing Domain-Based DFS and Creating Links
Activity 8-1: Installing a Local Printer
Activity 8-2: Sharing a Local Printer for Network Access
Activity 8-3: Installing a Network Printer
Activity 8-4: Exploring Printer Properties
Activity 8-5: Configuring Printer Permissions
Activity 8-6: Configuring Printer Pooling
Activity 8-7: Installing Additional Print Drivers
Activity 8-8: Changing the Location of the Spool Folder
Activity 8-9: Publishing Printers in Active Directory
Activity 8-10: Configuring the Spooler Service
Activity 9-1: Creating a Group Policy Object Using the MMC
Activity 9-2: Creating OUs and Moving User Accounts
Activity 9-3: Creating a Group Policy Object and Browsing Settings Using Active Directory Users and Computers
Activity 9-4: Deleting Group Policy Objects
Activity 9-5: Configuring Group Policy Object User Desktop Settings
Activity 9-6: Configuring Group Policy Object Security Settings
Activity 9-7: Configuring File System Security Using Group Policy Settings
Activity 9-8: Assigning Logon Scripts to Users Using Group Policy
Activity 9-9: Linking a Group Policy Object to Multiple Containers
Activity 9-10: Configuring Group Policy Object Inheritance Settings
Activity 9-11: Filtering Group Policy Objects Using Security Permissions
Activity 9-12: Determining Group Policy Settings Using the Resultant Set of Policy Tool
Activity 9-13: Publishing an Application to Users Using Group Policy
Activity 9-14: Assigning an Application to Users Using Group Policy
Activity 10-1: Restarting Windows Server 2003
Activity 10-2: Viewing Shutdown Events in the Event Viewer System Log
Activity 10-3: Using the MMC To View Information on a Remote Computer
Activity 10-4: Creating a Taskpad
Activity 10-5: Using the Windows Server 2003 Secondary Logon Feature
Activity 10-6: Using the Secondary Logon Feature from the Command Line
Activity 10-7: Enabling and Testing Remote Desktop for Administration
Activity 10-8: Installing Terminal Services
Activity 10-9: Exploring Terminal Services Settings
Activity 10-10: Exploring Terminal Services User Account Settings
Activity 10-11: Exploring Active Directory Object Permissions
Activity 10-12: Using the Delegation of Control Wizard
Activity 10-13: Installing Software Update Services
Activity 10-14: Configuring Software Update Services Settings

Activity 10-15: Synchronizing Software Update Services Content
Activity 10-16: Reviewing Automatic Updates Group Policy Settings
Activity 10-17: Uninstalling Software Update Services and Internet Information Services
Activity 11-1: Using Task Manager to Manage Applications and Processes
Activity 11-2: Using Task Manager to Monitor Performance
Activity 11-3: Viewing Event Viewer System and Application Log Events
Activity 11-4: Exploring System Monitor Settings
Activity 11-5: Adding Counters to System Monitor
Activity 11-6: Saving and Viewing System Monitor Data
Activity 11-7: Configuring Performance Logs and Alerts
Activity 11-8: Configuring Windows Server 2003 Services
Activity 12-1: Backing Up Files and Folders Using the Backup Utility
Activity 12-2: Restoring Files and Folders Using the Backup Utility
Activity 12-3: Scheduling Backup Operations Using the Backup Utility
Activity 12-4: Backing Up System State Data
Activity 12-5: Enabling and Configuring Shadow Copies of Shared Folder Settings
Activity 12-6: Installing and Using the Previous Versions Client
Activity 12-7: Viewing and Testing Advanced Startup Options
Activity 12-8: Testing Last Known Good Configuration
Activity 12-9: Installing the Recovery Console
Activity 13-1: Installing Internet Information Services
Activity 13-2: Viewing System Changes after Installing IIS
Activity 13-3: Exploring the Internet Information Services MMC Snap-in
Activity 13-4: Viewing and Configuring the Master Properties of the WWW Service
Activity 13-5: Creating a New Web Site Using the Web Site Creation Wizard
Activity 13-6: Creating a New Web Site Using the IISWEB.VBS Script
Activity 13-7: Configuring Web-Site Properties
Activity 13-8: Creating and Configuring a Virtual Directory
Activity 13-9: Configuring and Testing Web-Site Authentication Options
Activity 13-10: Configuring and Testing the Default FTP Site
Activity 13-11: Creating and Testing a New FTP Site and Configuring a Virtual Directory
Activity 13-12: Configuring IIS and NTFS Permissions
Activity 13-13: Testing IP Address Restrictions
Activity 13-14: Backing Up the IIS Configuration
Activity 13-15: Configuring Web Folders and Exploring Access Methods
Activity 13-16: Install and Explore the Remote Administration (HTML) Tools
Activity 13-17: Configuring and Managing Internet Printing
Activity 14-1: Browsing Security Templates
Activity 14-2: Creating a Security Template
Activity 14-3: Applying Security Template Settings to Group Policy Objects
Activity 14-4: Analyzing Security Settings Using Security Configuration and Analysis
Activity 14-5: Exploring Default Auditing Settings
Activity 14-6: Configuring and Testing New Audit Policy Settings
Activity 14-7: Configuring Auditing on an NTFS Folder
Activity 14-8: Configuring Event Viewer Log Properties
Activity 14-9: Editing Security Log Settings and Saving Events

70-291 MANAGING A MICROSOFT WINDOWS SERVER 2003® NETWORK

The 70-291 series of Windows® based training covers exercise related to the management of a Microsoft Windows Server 2003® network. Its focus is on installation, setting up and configuring network services in Windows Server 2003®. This set of web-based labs includes many activities requiring network services to be set up and configured correctly.

- Activity 1-1: Installing Windows Server 2003
- Activity 1-2: Determine the Currently Installed Version of Windows Server 2003
- Activity 1-3: Discover the Features of Windows Server 2003 Enterprise Edition
- Activity 1-4: Viewing Available Protocols
- Activity 1-5: Research Networking Architecture
- Activity 1-6: Viewing the Status of Services Installed on a Windows Server 2003 Computer
- Activity 1-7: View Networking Services Available for Installation
- Activity 2-1: Repairing a Network Connection
- Activity 2-2: Configure TCP/IP Parameters
- Activity 2-3: Using IPCONFIG to View IP Configuration
- Activity 2-4: Test APIPA
- Activity 2-5: Alternative IP Configuration
- Activity 2-6: Converting Binary Numbers to Decimal Using Windows Calculator
- Activity 2-7: ANDing
- Activity 2-8: Complex Subnetting
- Activity 2-9: Finding Valid Hosts
- Activity 2-10: Installing NWLink
- Activity 2-11: Configuring NWLink
- Activity 2-12: Installing AppleTalk
- Activity 2-13: Optimizing Binding Order
- Activity 2-14: Removing Unnecessary Protocols
- Activity 3-1: Using FTP to Download a File
- Activity 3-2: Using Telnet to Verify SMTP
- Activity 3-3: Using Port Numbers
- Activity 3-4: Installing Network Monitor
- Activity 3-5: Viewing a TCP Connection in Network Monitor
- Activity 3-6: Capturing UDP Packets in Network Monitor
- Activity 3-7: Testing Host Functionality
- Activity 3-8: Viewing TTL
- Activity 3-9: Viewing the ARP Cache
- Activity 4-1: Installing DHCP
- Activity 4-2: Starting an Authorized DHCP Server
- Activity 4-3: Installing the Active Directory Service
- Activity 4-4: Starting an Unauthorized DHCP Server
- Activity 4-5: Authorizing a DHCP Server
- Activity 4-6: Creating a Scope
- Activity 4-7: Activating and Testing a Scope
- Activity 4-8: Configuring a Superscope
- Activity 4-9: Deleting a Superscope
- Activity 4-10: Creating a Multicast Scope
- Activity 4-11: Deleting a Multicast Scope
- Activity 4-12: Creating and Testing a Reservation
- Activity 4-13: Setting Server Options
- Activity 4-14: Setting Scope Options
- Activity 4-15: Testing Server & Scope Options
- Activity 4-16: Configuring a DHCP Relay

Activity 5-1: Installing and Authorizing DHCP
Activity 5-2: Backing up a DHCP Database
Activity 5-3: Changing the Default Location of the DHCP Database
Activity 5-4: Restoring a DHCP Database
Activity 5-5: Reconciling a Scope
Activity 5-6: Running the Jetpack Utility
Activity 5-7: Viewing an Audit Log
Activity 5-8: Configuring Conflict Detection
Activity 5-9: Setting Bindings for DHCP
Activity 5-10: Viewing DHCP Events in Event Viewer
Activity 5-11: Remove DHCP
Activity 6-1: Viewing Computer Names
Activity 6-2A: Removing Active Directory and the DNS Service
Activity 6-2B: Removing Active Directory and the DNS Service
Activity 6-3: Configuring a HOSTS File
Activity 6-4: Viewing and Purging the DNS Cache
Activity 6-5: Performing DNS Lookups with NSLOOKUP
Activity 6-6: Creating an LMHOSTS File
Activity 7-1: Installing DNS
Activity 7-2: Creating a Primary Zone
Activity 7-3: Creating a Secondary Zone and Performing a Zone Transfer
Activity 7-4: Testing DNS Name Resolution
Activity 7-5: Promoting a Member Server to a Domain Controller
Activity 7-6: Converting a Primary Zone to an Active Directory-Integrated Zone
Activity 7-7: Creating an Active Directory-Integrated zone
Activity 7-8: Performing a Zone Transfer from an Active Directory-Integrated Zone
Activity 7-9: Creating a Stub Zone
Activity 7-10: Testing Dynamic DNS
Activity 7-11: Creating a Root Server
Activity 7-12: Configuring Aging and Scavenging
Activity 7-13: Removing Active Directory and the DNS Service
Activity 8-1: Installing WINS
Activity 8-2: Configuring a WINS Client
Activity 8-3: Configuring Replication Partners
Activity 8-4: Viewing WINS Records
Activity 8-5: Adding a Static Mapping
Activity 8-6: Backing up and Restoring the WINS Database
Activity 8-7: Compacting the WINS database
Activity 8-8: Removing WINS
Activity 9-1: Assigning an IPsec Policy
Activity 9-2: Unassigning an IPsec Policy
Activity 9-3: Creating an IPsec Policy
Activity 9-4: Creating a New IPsec Filter Rule
Activity 9-5: Creating an IPsec Filter List
Activity 9-6: Creating a Filter Action
Activity 9-7: Creating an IPsec Policy Using a Customized Filter List and Filter Action
Activity 9-8: Verifying an IPsec Security Association
Activity 9-9: Disabling IPsec
Activity 10-1: Installing a Modem
Activity 10-2: Enabling RRAS as a Dial-up Server
Activity 10-3: Creating a Dial-up Connection
Activity 10-4: Enabling RRAS as a VPN Server
Activity 10-5: Modifying the Default Number of VPN Ports

Activity 10-6: Allowing a User Remote Access Permission
Activity 10-7: Creating a Client VPN Connection
Activity 10-8: Creating a Remote Access Policy
Activity 10-9: Testing Remote Policy Evaluation
Activity 11-1: Configuring IAS as a Radius Server
Activity 11-2: Configuring a RRAS Client
Activity 11-3: Testing Radius
Activity 11-4: Creating a Remote RADIUS Server Group
Activity 11-5: Creating a Connection Request Policy
Activity 11-6: Logging IAS Information to a File
Activity 12-1: Configuring RRAS as a Router
Activity 12-2: Configuring a Static Route
Activity 12-3: Installing and Using RIP
Activity 12-4: Creating a Packet Filter
Activity 12-5: Creating a Demand-dial Connection
Activity 12-6: Configuring Demand-dial Filters
Activity 13-1: Browsing Predefined Security Templates
Activity 13-2: Applying a Security Template
Activity 13-3: Creating a Security Template
Activity 13-4: Analyzing Security Settings Using Security Configuration and Analysis
Activity 13-5: Analyzing Security Settings Using Secedit.exe
Activity 14-1: Installing Network Monitor
Activity 14-2 Using Network Monitor
Activity 14-3: Creating a Filter in Network Monitor
Activity 14-4: Exploring System Monitor Settings
Activity 14-5: Adding Counters to System Monitor
Activity 14-6: Saving and Viewing System Monitor Data
Activity 14-7: Configuring Performance Logs and Alerts
Activity 14-8: Viewing Event Viewer System and Application Log Events
Activity 14-9: Using Task Manager
Activity 14-10: Configuring Windows Server 2003 Services

70-293 PLANNING A WINDOWS SERVER 2003® NETWORK

The 70-293 series of Windows® based training covers installation, networking and network planning exercises for the Windows Server 2003® operating system. Its focus is on the setup and configuration of various networking services in Windows Server 2003®.

Activity 1-1: Installing Windows Server 2003
Activity 1-2: Researching Networking Architecture
Activity 1-3: Viewing Available Protocols
Activity 1-4: Viewing Installed Services
Activity 1-5: Viewing Available Services
Activity 1-6: Comparing Windows 2000 Server and Windows Server 2003
Activity 1-7: Viewing the Current Edition of Windows Server 2003
Activity 1-8: Viewing the Features of Datacenter Edition
Activity 2-1: Repairing a Network Connection
Activity 2-2: Viewing IP Address Configuration
Activity 2-3: Using IPCONFIG to View IP Configuration
Activity 2-4: Configuring an Alternative IP Configuration
Activity 2-5: Using FTP to Download a File
Activity 2-6: Using Telnet to Verify SMTP
Activity 2-7: Using Port Numbers
Activity 2-8: Installing Network Monitor
Activity 2-9: Viewing a TCP Connection in Network Monitor
Activity 2-10: Capturing UDP Packets in Network Monitor
Activity 2-11: Testing Host Functionality
Activity 2-12: Viewing TTL
Activity 2-13: Viewing the ARP Cache
Activity 3-1: Analyzing a Broadcast
Activity 3-2: Viewing Ethernet Settings
Activity 3-3: Monitoring Network Performance
Activity 3-4: Testing for Network Congestion with Pathping
Activity 3-5: Viewing TCP Connections with Netstat
Activity 4-1: Converting Binary Numbers to Decimal Using Windows Calculator
Activity 4-2: ANDing
Activity 4-3: Complex Subnetting
Activity 4-4: Finding Valid Hosts
Activity 4-5: Configuring RRAS as a Router
Activity 4-6: Installing and Using RIP
Activity 4-7: Creating a Demand-Dial Connection
Activity 4-8: Configuring Demand-Dial Filters
Activity 4-9: Installing and Testing NAT
Activity 4-10: Installing ICF
Activity 5-1: Installing DHCP
Activity 5-2: Starting an Unauthorized DHCP Server
Activity 5-3: Authorizing a DHCP Server
Activity 5-4: Creating a Scope
Activity 5-5: Activating and Testing a Scope
Activity 5-6: Configuring a Superscope
Activity 5-7: Deleting a Superscope
Activity 5-8: Creating a Multicast Scope
Activity 5-9: Creating and Testing a Reservation

Activity 5-10: Setting Server Options
Activity 5-11: Setting Scope Options
Activity 5-12: Viewing DHCP Events in Event Viewer
Activity 6-1: Creating an LMHOSTS File
Activity 6-2: Installing WINS
Activity 6-3: Configuring a WINS Client
Activity 6-4: Configuring Replication Partners
Activity 6-5: Viewing WINS Records
Activity 6-6: Creating a Static Mapping
Activity 6-7: Backing Up and Restoring the WINS Database
Activity 6-8: Removing WINS
Activity 7-1: Configuring a Hosts File
Activity 7-2: Installing DNS
Activity 7-3: Creating a Primary Zone
Activity 7-4: Creating a Secondary Zone
Activity 7-5: Promoting a Member Server to a Domain Controller
Activity 7-6: Creating an Active Directory Integrated Zone
Activity 7-7: Removing Active Directory Integrated Zones
Activity 7-8: Creating a Stub Zone
Activity 7-9: Testing Dynamic DNS
Activity 8-1: Delegating Authority for a Subdomain
Activity 8-2: Configuring a Forwarding-only DNS Server
Activity 8-3: Securing Zone Transfers
Activity 8-4: Creating a Root Server
Activity 8-5: Configuring Aging and Scavenging
Activity 8-6: Verifying DNS Records with Nslookup
Activity 8-7: Using DNSLint to Verify Active Directory DNS Records
Activity 8-8: Resetting a DNS Server to the Defaults
Activity 9-1: Viewing Trusted Root Certification Authorities
Activity 9-2: Installing Certificate Services
Activity 9-3: Backing Up Certificate Services
Activity 9-4: Restoring the Certificate Services Database
Activity 9-5: Requesting a Certificate
Activity 9-6: Revoking a Certificate
Activity 9-7: Moving a Certificate
Activity 10-1: Assigning an IPSec Policy
Activity 10-2: Verifying an IPSec Security Association
Activity 10-3: Creating an IPSec Policy
Activity 10-4: Creating a New IPSec Filter Rule
Activity 10-5: Creating an IPSec Filter List
Activity 10-6: Creating a Filter Action
Activity 10-7: Adding a Customized Filter List and Filter Action
Activity 10-8: Disabling IPSec
Activity 11-1: Installing a Modem
Activity 11-2: Enabling RRAS as a Dial-up Server
Activity 11-3: Creating a Dial-up Connection
Activity 11-4: Enabling RRAS as a VPN Server
Activity 11-5: Modifying the Default Number of VPN Ports
Activity 11-6: Configuring the DHCP Relay Agent
Activity 11-7: Allowing a User Remote Access Permission
Activity 11-8: Creating a Client VPN Connection
Activity 11-9: Creating a Remote Access Policy
Activity 11-10: Testing Remote Policy Evaluation

Activity 11-11: Configuring IAS as a RADIUS Server
Activity 11-12: Centralizing Remote Access Policies
Activity 11-13: Creating a Remote RADIUS Server Group
Activity 11-14: Creating a Connection Request Policy
Activity 11-15: Modem Logging
Activity 12-1: Cluster Concepts
Activity 12-2: Installing a Single Node Virtual Server Cluster
Activity 12-3: Adding a Printer to a Virtual Server
Activity 12-4: Removing a Server Cluster Node
Activity 12-5: Enabling the NLB Driver
Activity 12-6: Installing an NLB Cluster
Activity 12-7: Configuring a Web Application for Load Balancing
Activity 12-8: Removing an NLB Clustered Application
Activity 13-1: Using EFS to Protect Files
Activity 13-2: Disabling Script Processing in IIS
Activity 13-3: Creating a Policy for Wireless Workstations
Activity 13-4: Viewing Default Security Settings
Activity 13-5: Analyzing Security
Activity 13-6: Configuring Automatic Updates
Activity 14-1: Performing a Backup
Activity 14-2: Performing a Restore
Activity 14-3: Configuring and Using Volume Shadow Copy
Activity 14-4: Accessing Safe Mode
Activity 14-5: Using Last Known Good Configuration
Activity 14-6: Installing and Using Recovery Console
Activity 14-7: Using Remote Desktop for Administration
Activity 14-8: Using Remote Assistance

70-294 WINDOWS SERVER 2003® ACTIVE DIRECTORY

The 70-294 series of Windows® based training covers exercises related to the setup, configuration and operation of Windows Server 2003® Active Directory services.

- Activity 1-1: Logging on Locally and Accessing Resources in a Workgroup
- Activity 1-2: Determine the Currently Installed Version of Windows Server 2003
- Activity 1-3: Logging on to a Domain and Accessing Domain Resources
- Activity 1-4: Creating a Child Domain in an Existing Domain Tree
- Activity 2-1: Examining the Registration of a Second-level Domain
- Activity 2-2: Tracing DNS Name Resolution
- Activity 2-3: Installing the Microsoft DNS Server Service
- Activity 2-4: Configuring Forwarders
- Activity 2-5: Creating Zones on the DNS Server
- Activity 2-6: Delegating DNS Authority for a Subdomain
- Activity 2-7: Configuring Your Server to Resolve DNS Itself
- Activity 3-1: Identifying Roles for Active Directory
- Activity 3-2: Identifying Data Owners
- Activity 3-3: Identifying Service Owners
- Activity 3-4: Identifying Executives Who Can Sponsor the Project
- Activity 3-5: Considering Corporate Change
- Activity 3-6: Building the Team
- Activity 4-1: Registering Active Directory Schema Console
- Activity 4-2: Creating a Structural Class
- Activity 4-3: Creating an Attribute
- Activity 4-4: Adding an Optional Attribute to a Class
- Activity 4-5: Installing Windows Support Tools
- Activity 4-6: Using ADSI Edit to View the Configuration Partition
- Activity 5-1: Demoting a domain controller
- Activity 5-2A: Promoting the First Domain Controller in a New Forest
- Activity 5-2B: Converting Primary zone to AD-integrated (refer to 70-291 activity 7-6)
- Activity 5-3: Promoting an Additional Domain Controller in an Existing Domain
- Activity 5-4: Creating Organizational Units
- Activity 5-5: Raising the Domain Functional Level
- Activity 5-6: Raising the Forest Functional Level
- Activity 5-7: Creating a Forest Trust
- Activity 6-1: Creating Sites
- Activity 6-2: Creating Subnets
- Activity 6-3: Creating Site Links
- Activity 6-4: Moving a Domain Controller Object Between Sites
- Activity 6-5: Modifying the Cost of a Site Link
- Activity 6-6: Designating a Domain Controller as a Global Catalog Server
- Activity 7-1: Manually Creating Connections
- Activity 7-2: Manually Initiating the KCC
- Activity 7-3: Specifying a Preferred Bridgehead Server
- Activity 7-4: Controlling Inter-Site Replication Using Site Link Settings
- Activity 7-5: Verifying Replication
- Activity 8-1: Identifying the Schema Master of a Forest
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LINUX+ GUIDED ACTIVITIES FOR LINUX® CERTIFICATION

The Linux+ series delivers activities aligned to the Linux+ certification from CompTIA. The exercises provided are geared towards systems administration, yet are also well suited for those who will use or develop programs for Linux systems.

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