

MCITP: Windows 7 Enterprise Desktop Administrator

Prerequisites:

Required:

- A minimum of three years of experience installing, configuring, and administering clients in a Windows networked environment
- Experience deploying operating systems and applications
- Familiarity with the client administration capabilities of Windows Server and with management tools such as the System Center suite of products

Length: Five Day

Summary:

- Key topics and concepts tested on the MCITP: Enterprise Desktop Administrator 7 exams
- Structure of the exams and the most effective test-taking strategies
- Pinpoint your weak areas and strengthen them to ensure exam success

Course Content

1. Installing, Upgrading, and Migrating to Windows 7

- Perform a clean installation
- Upgrade to Windows 7 from previous versions of Windows
- Migrate user profiles

2. Deploying Windows 7

- Capture a system image
- Prepare a system image for deployment
- Deploy a system image
- Configure a VHD

3. Configuring Hardware and Applications

- Configure devices
- Configure application compatibility
- Configure application restrictions
- Configure Internet Explorer

4. Configuring Network Connectivity

- Configure IPv4 network settings
- Configure IPv6 network settings
- Configure networking settings
- Configure Windows Firewall
- Configure remote management

5. Configuring Access to Resources

- Configure shared resources
- Configure file and folder access
- Configure user account control (UAC)
- Configure authentication and authorization
- Configure BranchCache

6. Configuring Mobile Computing

- Configure BitLocker and BitLocker To Go
 - Configure DirectAccess
 - Configure mobility options
 - Configure remote connections
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7. Monitoring and Maintaining Systems that Run Windows 7

- Configure updates to Windows 7
- Manage disks
- Monitor systems
- Configure performance settings

8. Configuring Backup and Recovery Options

- Configure backup
- Configure system recovery options
- Configure file recovery options

9. Planning and Managing a Client Life Cycle Strategy

- Plan and manage client licensing and activation
- Plan and manage software updates
- Plan and manage a physical hardware and virtualization strategy

10. Designing a Standard Image

- Design an image creation strategy
- Design a custom image
- Define an image update strategy

11. Designing Client Configurations

- Design standard system settings
- Define client security standards
- Define Windows Internet Explorer settings

12. Designing a Windows 7 Client Deployment

- Analyze the environment and choose appropriate deployment methods
- Design a lite-touch deployment strategy
- Design a zero-touch deployment strategy
- Design a user state migration strategy

13. Designing Application Packages for Deployment

- Design a delivery or deployment strategy
- Manage application compatibility

14. Identifying and Resolving Deployment and Client Configuration Issues

- Identify and resolve Internet Explorer issues
 - Identify and resolve Group Policy issues
 - Identify and resolve networking issues
 - Identify and resolve authentication and authorization issues
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