



HEROTEC
NETWORK PROFESSIONAL TRAINING

Implementing Desktop Application Environments

Related Certificate	MCSE Infrastructure
Course ID	Course 20-416
Related Exams	70-416
Audience	IT Professional
Hours	40

Overview:

In this five-day course, build the skills you need to design, deploy, and manage a physical and virtual Windows Server® 2012 application management infrastructure, and focus on using Microsoft System Center 2012 Service Pack 1 (SP1). You will also learn to design, deploy, and manage Windows® 8 Enterprise applications in a physical and virtual environment and in the cloud. This course is designed for experienced IT professionals who support medium to large enterprises, have previous experience working with operating systems running Windows Server, have their Windows 2012 Server certification (MCSA), and have taken course 20413: *Designing and Implementing a Server Infrastructure* or have equivalent skills. Note: This course maps to the skills and knowledge measured by Microsoft Exam 70-416: Implementing Desktop Application Environments

Objectives:

After completing this course, students will be able to:

- Design an application distribution strategy that is appropriate for an organizational environment.
- Diagnose and remediate application compatibility problems for desktop and presentation virtualization-based deployments.
- Use Group Policy and Windows Intune™ to deploy applications to client devices.
- Deploy applications centrally using System Center 2012 Configuration Manager SP1.
- Configure self-service application deployment using System Center 2012 Configuration Manager SP1, System Center 2012 Service Manager SP1, and Windows Store apps.
- Design and deploy Windows Server 2012 roles and features to support presentation virtualization.
- Prepare, deploy and manage applications for Remote Desktop, RemoteApp, and Remote Desktop Web Access.
- Design and deploy Windows Server 2012 roles and features to support application virtualization.
- Virtualize and deploy applications by using App-V and System Center 2012 Configuration Manager SP1.
- Plan and configure the appropriate infrastructure to streamline the deployment of software updates to applications, and plan and configure application security.
- Plan and implement application upgrades, supersedence, and application coexistence.
- Monitor the deployment, performance, and utilization of applications and determine whether current application hosting platforms are meeting business needs.

Outlines:

- Module 1: Designing an Application Distribution Strategy
- Module 2: Diagnosing and Remediating Application Compatibility
- Module 3: Deploying Software by Using Group Policy and Windows Intune
- Module 4: Deploying Applications by Using Microsoft System Center 2012 Configuration Manager SP1
- Module 5: Configuring Self-Service Application Deployment
- Module 6: Designing and Implementing Presentation Virtualization Infrastructure
- Module 7: Preparing, Configuring, and Deploying Presentation Virtualization Applications
- Module 8: Designing and Deploying an Application Virtualization Environment
- Module 9: Preparing, Sequencing, and Deploying Virtual Applications
- Module 10: Planning and Implementing Application Updates and Security
- Module 11: Planning and Implementing Application Upgrades
- Module 12: Monitoring Application Deployment, Use, and Performance

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