



HEROTECH

NETWORK PROFESSIONAL TRAINING

Course 20-247: Configuring and Deploying a Private Cloud

Related Certificate	MCSE 2012 Private Cloud
Course ID	Course 20-247
Related Exams	70-247
Audience	IT Professional
Hours	40

Overview:

This course equips students with the skills they require to configure and deploy a cloud using Microsoft System Center 2012 R2. Produce a high-level design that accounts for requirements for cloud environments. Configure and deploy the cloud fabric. Configure and deploy the cloud fabric. Configure Microsoft Server Application Virtualization (App-V) so that it can be used to sequence and deploy an application virtually.

Objective:

- Plan for a Hybrid Cloud
- Configure and deploy a Private Cloud with Microsoft System Center 2012 R2 Virtual Machine Manager
- Extend and maintain the Cloud infrastructure
- Configure application delivery for a cloud
- Create Private Cloud building blocks
- Deploy and access private clouds
- Monitor the Cloud infrastructure
- Extend and customize monitoring of the Cloud infrastructure
- Implement Service Management for the Cloud
- Configure High Availability, Disaster Recovery and Protection for a Cloud
- Automate and standardize the Cloud
- Configure a multi-tenant Cloud

Outlines:

- Module 1: Planning for the Cloud
- Module 2: Configuring and Deploying the Private Cloud with Microsoft System Center 2012 R2 Virtual Machine Manager
- Module 3: Extending and Maintaining Cloud Infrastructure
- Module 4: Configuring Application Delivery
- Module 5: Creating the Private Cloud Building Blocks
- Module 6: Deploying and Configuring Access to a Private Cloud
- Module 7: Monitoring Cloud Infrastructure
- Module 8: Extending and Customizing Monitoring of the Cloud Infrastructure
- Module 9: Implementing Service Management for the Cloud
- Module 10: Configuring High Availability, Disaster Recovery and Protection for a Cloud
- Module 11: Automating and Standardizing a Cloud
- Module 12: Configuring a Self-Service Multi-Tenant Cloud with the Windows Azure Pack

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