

Training: Microsoft
MS-10751 Configuring and Deploying a Private Cloud with System Center 2012



FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Digital materials	950 EUR	5 days
Traditional	CTAB Tablet	1050 EUR	5 days

LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm
 Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING GOALS:

This course describes private cloud configuration and deployment with **Microsoft System Center 2012**.

CONSPECT:

- Module 1: Planning for the Private Cloud
 - Understanding the Private Cloud
 - Requirements for Deploying a Private Cloud
 - Designing the Private Cloud Infrastructure
 - Overview of System Center 2012 Components
 - Deploying Hyper-V Clustering with VMM
- Module 2: Configuring and Deploying the Private Cloud with System Center 2012 -Virtual Machine Manager
 - Overview of VMM Architecture and Components
 - Installing and Upgrading VMM
 - Configuring VMM Security and Roles
 - Understanding Host Groups
- Module 3: Extending and Maintaining the Private Cloud Infrastructure
 - Overview of the PXE and Update Server Roles
 - Deploying Bare-Metal Hyper-V Host Servers
 - Configuring the Update Server Role
 - Creating and Using an Update Baseline

- Module 4: Configuring Application Delivery
 - Dynamic Application Deployment Overview
 - Web Deployment Packages Server
 - Application Virtualization Overview
 - Configuring Server App-V Components Sequencing and Deploying Virtual Applications
- Module 5: Creating the Private Cloud Building Blocks
 - Configuring Guest Operating System Profiles
 - Configuring Hardware Profiles
 - Configuring SQL Server Using SQL Server Profiles
 - Configuring Application Profiles
 - Configuring Virtual Machine Templates
 - Configuring the Self-Service User Role
- Module 6: Deploying and Accessing a Private Cloud
 - Understanding Private Cloud Computing
 - Installing and Configuring App Controller
 - Creating and Managing Services and Service Templates
- Module 7: Monitoring the Private Cloud Infrastructure
 - Operations Manager Architecture and Security
 - Upgrading Operations Manager 2007 R2
 - Configuring Notifications
 - Configuring Management Packs
 - Configuring Integration with System Center 2012
- Module 8: Extending and Customizing Monitoring of the Private Cloud Infrastructure
 - Configuring the SharePoint Server Portal
 - Monitoring Templates
 - Distributed Application Monitoring
- Module 9: Implementing Service Management for the Private Cloud
 - Service Manager Architecture Overview
 - Upgrading to System Center 2012 - Service Manager
 - Understanding Service Manager Work Items
 - Configuring Service Manager Connectors
 - Configuring Service Manager Notifications
- Module 10: Protecting the Private Cloud Infrastructure
 - Planning DPM Deployment
 - DPM Architecture and Components
 - Upgrading DPM
 - Configuring DPM for the Private Cloud
 - Configuring Application Protection for the Private Cloud
 - Restoring Applications to the Private Cloud

- Module 11: Automating and Standardizing the Private Cloud
 - Orchestrator Architecture and Components Overview
 - Deploying and Configuring Core Components
 - Managing Runbooks
 - Configuring Integration Packs
- Module 12: Configuring the Cloud Services Process Pack
 - Implementing the Cloud Services Process Pack
 - Service Level Management

REQUIREMENTS:

This course describes private cloud configuration and deployment with System Center 2012. Because this is an extensive technical domain that includes several individual products and technologies, it is strongly recommended administrators have prerequisite knowledge in the following areas:

- **Windows Server 2008 R2** operating system
- **Active Directory Domain Services** (AD DS)
- [Microsoft SharePoint](#)
- **Windows Server 2008 Hyper-V**
- Networking and storage experience
- Familiarity with data center management processes
- Previous work with IT Infrastructure Library (ITIL)
- Previous work with Microsoft Operations Framework (MOF)

Difficulty level



CERTIFICATE:

The participants will obtain Microsoft certificates.

TRAINER:

Microsoft Certified Trainer.