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Computer Visions Course Outline

Get What You Want

We offer highly customizable group training courses: desktop applications, web development, networking & operating systems, technical certification, professional development & skills, help desk.

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6451: Planning, Deploying and Managing Microsoft System Center Configuration Manager 2007

Description:

This five-day, instructor-led course will provide you with the knowledge and skills to plan, deploy, and manage Microsoft System Center Configuration Manager 2007. This course requires that students have a base-level understanding of Systems Management Server 2003 or Configuration Manager 2007.

Course Outline:

Module 1: Overview of Microsoft System Center Configuration Manager 2007

This module explains Microsoft System Center Configuration Manager 2007 features, and describes primary infrastructure components and deployment scenarios of Configuration Manager 2007.

Lessons

- Introduction to System Center Configuration Manager 2007
- Configuration Manager Features
- Configuration Manager Deployment Scenarios
- Overview of the Configuration Manager Client

Module 2: Planning and Deploying a Single-Site Architecture

This module describes planning considerations and deployment tasks for implementing Microsoft System Center Configuration Manager 2007 single-site architecture.

Lessons

- Planning a Configuration Manager 2007 Site Deployment
- Preparing to Deploy a Configuration Manager 2007 Site
- Installing a Configuration Manager 2007 Site Server
- Performing Post-Setup Configuration Tasks
- Discovering Resources
- Tools for Monitoring and Troubleshooting Configuration Manager

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2007

Module 3: Planning for and Completing Client Deployment

This module explains how to plan and deploy Configuration Manager 2007 clients.

Lessons

- Client Deployment Methods
- Deploying Clients
- Managing Configuration Manager 2007 Clients
- Using Configuration Manager Reporting with Client Installation

Module 4: Inventory Collection, Software Metering, and Asset Intelligence

This module explains how to collect and manage hardware and software inventory, implement software metering, and use Asset Intelligence.

Lessons

- Overview of Inventory Collection
- Collecting Hardware Inventory
- Collecting Software Inventory
- Managing and Troubleshooting Inventory
- Asset Intelligence
- Metering Software Usage

Module 5: Querying and Reporting Data

This module describes the data structure for data queries and status message queries, and also describes the available reporting options and how to configure and deploy the available reporting options.

Lessons

- Introduction to Data and Status Message Queries
- Managing Queries
- Configuring and Deploying a Reporting Point
- SQL Reporting Services in Configuration Manager 2007 R2
- Client Status Reporting in Configuration Manager 2007

Module 6: Distributing Software Using Microsoft System Center Configuration Manager 2007

This module describes the processes and components used to prepare for and manage software distribution using Configuration Manager 2007.

Lessons

- Overview of the Software Distribution Process
- Preparing for Software Distribution
- Overview of Distribution Points
- Creating and Populating Collections

Configuring Collection Settings
Creating and Configuring Packages and Programs
Distributing Packages
Advertising Programs
Monitoring and Troubleshooting Software Distribution

Module 7: Deploying Virtual Applications Using Microsoft System Center Configuration Manager 2007 This module explains how to deploy virtual applications using Configuration Manager 2007.

Lessons

Configuring the Infrastructure to Support Application Virtualization
Deploying and Managing Application Virtualization Packages
Using Virtual Application Programs

Module 8: Deploying and Managing Software Updates

This module explains how to deploy and manage software updates to client computers throughout the enterprise.

Lessons

Overview of Software Updates
Preparing the Configuration Manager 2007 Site for Software Updates
Managing Software Updates
Monitoring and Troubleshooting Software Updates

Module 9: Deploying Operating Systems Using Microsoft System Center Configuration Manager 2007

This module explains how to deploy operating systems using Configuration Manager 2007.

Lessons

Overview of Operating System Deployment
Preparing for Operating System Deployment
Task Sequences in Operating System Deployment
Capturing Operating System Images
Managing User Data
Deploying an Operating System

Module 10: Working with Desired Configuration Management

This module explains how to determine computer compliance using desired configuration management.

Lessons

Overview of Desired Configuration Management
Configuring Desired Configuration Management
Viewing and Troubleshooting Compliance Results

Module 11: Configuring Wake On LAN, Power Management, and Remote Tools

This module explains how to configure the Wake On LAN, power management, and remote tools features in Configuration Manager 2007.

Lessons

- Overview of Wake On LAN
- Overview of Power Management
- Overview of Configuration Manager 2007 Remote Tools
- Configuring the Remote Tools Client Agent

Module 12: Planning and Configuring a Multiple Site Hierarchy

This module describes how to configure a multiple site hierarchy in Configuration Manager 2007.

Lessons

- Introduction to the Configuration Manager 2007 Site Hierarchy
- Configuring Configuration Manager 2007 Site Communications
- Installing a Secondary Site Server
- Roaming in Multiple Site Hierarchies
- Decommissioning Sites and Hierarchies

Module 13: Maintaining and Monitoring Microsoft System Center Configuration Manager 2007

This module explains how to maintain and monitor Configuration Manager 2007.

Lessons

- Configuration Manager 2007 Maintenance Tasks
- Backup and Recovery of Configuration Manager 2007
- Using Windows Performance Monitor to Monitor Configuration Manager 2007

Module 14: Microsoft System Center Configuration Manager 2007 Native Mode and Internet-Based Client Management This module explains Configuration Manager 2007 native mode, and how to install it.

Lessons

- Introduction to the Configuration Manager 2007 Native Mode
- The Public Key Infrastructure Required for Native Mode
- Configuring Sites for Native Mode
- Internet-Based Client Management