

Course 55007A:

System Center 2012 Orchestrator

Course Details

Course Outline

Module 1: Introduction to the System Center 2012 Orchestrator

Lessons

- History and Evolution of System Center
- System Center 2012 Product Suite
- System Center 2012 Licensing
- Introducing ITIL and MOF
- System Center 2012 Orchestrator

Lab : Introducing System Center 2012

Lab : Introducing Service Management

After completing this module, students will be able to:

- Explain the history and evolution of System Center
- Differentiate between each of the Systems Center 2012 products
- Describe System Center 2012 Licensing
- Provide an overview of ITIL and MOF
- Identify the purpose and function of Orchestrator 2012

Module 2: Design and Deployment Considerations for Orchestrator 2012

Lessons

- Preparing to Deploy Orchestrator 2012
- Installing Orchestrator 2012
- Exploring Orchestrator 2012 Interfaces
- Examining Runbook Servers and Global Settings

Lab : Touring the Orchestrator 2012 Console and Initial Lab Environment Setup

After completing this module, students will be able to:

- Plan an Orchestrator 2012 deployment
- Identify system requirements of Orchestrator 2012
- Explain and customize Orchestrator 2012 installation options
- Prepare Windows firewall
- Navigate Orchestrator 2012 user interfaces
- Determine performance capacity of Orchestrator 2012 roles
- Configure user security
- Define and configure server properties and global settings

Module 3: Runbook Configuration Basics

Lessons

- Creating Runbooks
- Creating Standard Activities
- Working with Monitors, Links and Junctions
- Analyzing Data Using the Orchestrator Data Bus
- Stepping Through Runbooks with the Tester
- Exporting and Importing Runbooks

Lab : Creating Basic Runbooks

After completing this module, students will be able to:

- Create, export and import runbooks using Runbook Designer
- Automate basic processes using standard activities
- Describe what the data bus is and show how to link activities through subscriptions
- Test and deploy runbooks

Module 4: Advanced Runbooks and Complex Activities

Lessons

- Designing Advanced Runbooks
- Reviewing Integration Packs
- Automating Activities with Active Directory Integration Pack
- Implementing Integration Packs
- Executing Programs and Scripts using Runbooks

Lab : Creating Advanced Runbooks and Complex Activitie

After completing this module, students will be able to:

- Explain and configure counters, schedules and variables
- Create complex runbooks using multiple activities and data bus subscriptions
- Download and configure integration packs
- Integrate Orchestrator 2012 with Active Directory
- Deploy and configure Active Directory Integration Pack
- Implement activities from the Active Directory Integration Pack

- Employ command and scripting activities

Module 5: PowerPivot Reporting

Lessons

- Introducing PowerPivot for Excel
- Enabling PowerPivot for Reporting

Lab : Reporting with Excel PowerPivot

After completing this module, students will be able to:

- Explain what a PivotTables is and its benefits
- Enable PowerPivot for Excel 2013
- Create relationships and PivotTables
- Use PowerPivot for Orchestrator 2012 reporting

Module 6: Administration, Management and Extensibility

Lessons

- Determining Fault Tolerance
- Optimizing Performance and Capacity
- Installing with Command Line and Console Push
- Preparing for Disaster Recovery
- Upgrading from Opalis and Migrating Runbooks
- Utilizing the Orchestrator Integration Toolkit

Lab : Completing a Push Install of Runbook Designer and Runbook Server

Lab : Preparing for Backup and Restore

After completing this module, students will be able to:

- Determine high availability and fault tolerance for Orchestrator 2012 roles
- Deploy additional servers for increased capacity
- Describe automated server deployment
- Plan for disaster recovery
- Upgrade from Opalis Integration Server

- Use the Orchestrator Integration Kit to customize integration packs

Module 7: System Center 2012 Integration (optional)

Lab : Setting up the Initial Lab Environment

Lab : Creating an Orchestrator 2012 Runbook

Lab : Working with Orchestrator System Center Runbooks

After completing this module, students will be able to:

- Describe System Center 2012 Integration
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