
System Center 2012 Orchestrator

Duration: 3 Days **Course Code: M55007**

Overview:

This three-day course provides students with the knowledge necessary to design, deploy, and maintain Microsoft's System Center 2012 Orchestrator. In this course, students are introduced to the various System Center products, and then learn how Orchestrator 2012 is architected and deployed within the Systems Center suite. In addition, this course includes automation of processes designed to address various scenarios, which may be encountered in the business computing environment. Upon course completion, students will have the skills necessary to manage Orchestrator 2012 for maximum business benefit. This course incorporates hands-on learning opportunities, so students can practice applying business solutions to real-world scenarios.

Target Audience:

This course is designed for IT professionals who already have prerequisite technical knowledge of the systems they want to manage with Orchestrator 2012.. This course is also for IT professionals who need to understand the critical components of the systems that might require automation.

Objectives:

- Explain the role of Orchestrator 2012 and the entire System Center suite
 - Provide an overview of ITIL and MOF
 - Install and configure Orchestrator 2012
 - Customize, optimize and scale Orchestrator 2012
 - Implement runbook automation for native Windows processes
 - Develop advanced runbooks using real-world scenarios
 - Implement integration packs for other System Center and Microsoft products
 - Implement configuration of error-handling and log monitoring
 - Implement disaster recovery methods
 - Implement maintenance and troubleshooting steps in Orchestrator 2012
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Prerequisites:

- Before attending this course, students must have technical knowledge in the following areas:
 - Windows Server 2008 R2 operating system
 - Active Directory Domain Services (AD DS)
 - Experience with PowerShell, SQL Server, Excel PivotTables and Opalis Integration Server helpful
 - Knowledge of the product(s) and function(s) that they plan to automate with Orchestrator 2012
 - Familiarity with administration of other System Center 2012 products helpful
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Content:

Module 1: Introduction to the System Center 2012 Orchestrator

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

Module 2: Design and Deployment Considerations for Orchestrator 2012

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

Module 3: Runbook Configuration Basics

- 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

Module 4: Advanced Runbooks and Complex Activities

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

Module 5: PowerPivot Reporting

- Introducing PowerPivot for Excel
- Enabling PowerPivot for Reporting

Module 6: Administration, Management and Extensibility

- 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

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

Additional Information:

To help you prepare for this exam, Microsoft recommends that you have hands-on experience with the product and that you use the specified training resources. These training resources do not necessarily cover all topics listed in the "Skills measured" section.

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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