

System Center Orchestrator Manager



Online Course



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System Center Orchestrator Manager

Course Modules



1. Introduction to System Center Orchestrator:

- Overview of System Center Orchestrator (SCO)
- The role and importance of automation in IT management
- Exploring SCO features and capabilities

2. SCO Architecture:

- Understanding SCO architecture components
- Runbook servers, management servers, and data stores
- Planning SCO infrastructure deployment

3. Installation and Configuration:

- Installing System Center Orchestrator components
- SCO integration with other System Center products
- SCO connections to external systems and services

4. Runbook Design and Development:

- Introduction to runbooks and activities
- Designing runbook workflows for automation tasks
- Developing runbooks using the SCO Designer

5. Runbook Execution and Monitoring:

- Running and scheduling runbooks
- Monitoring runbook execution and status
- Configuring alerts and notifications for runbook events



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6. Integration Packs:

- Introduction to Integration Packs (IPs)
- Installing and configuring Integration Packs for SCO
- Using Integration Packs to extend SCO functionality



7. PowerShell Integration:

- Integrating PowerShell scripts with SCO runbooks
- Parameters and data between PShell scripts and runbooks
- Automating PowerShell-based tasks with SCO

8. Active Directory Automation:

- Automating Active Directory tasks with SCO
- Managing users, groups, and computer objects
- Performing bulk operations and administrative tasks

9. Virtualization Automation:

- Automating virtualization tasks with SCO
- Managing Hyper-V and VMware environments
- Provisioning and managing virtual machines

10. Service Management Automation:

- Automating IT service management tasks with SCO
- SCO with Service Manager for incident & change mgmnt
- Automating service requests and approvals

11. Monitoring and Reporting:

- Monitoring SCO infrastructure and runbook execution
- Generating reports on automation performance & efficiency
- Configuring alerts and notifications for critical events



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12. Troubleshooting and Debugging:

- Troubleshooting common SCO issues and errors
- Using logging and tracing features for debugging
- Resolving runbook failures and performance issues

13. Security and Compliance:

- Implementing security best practices for SCO
- Managing user roles and permissions
- Ensuring compliance with regulatory requirements

14. Backup and Recovery:

- Implementing backup and recovery strategies for SCO
- Backing up runbooks, configuration data, and activity logs
- Performing disaster recovery procedures

15. Automation Best Practices:

- Sharing best practices for SCO automation design & development
- Tips for optimizing runbook performance and reliability
- Specific challenges and scenarios in automation projects

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