

10964CC

Cloud & Datacenter Monitoring with System Center Operations Manager

5 DAYS

SATV : YES

## Course Description

Get hands-on instruction and practice implementing infrastructure and application monitoring with System Center 2012 R2 Operations Manager in this 5-day Microsoft Official Course. System Center 2012 R2 Operations Manager provides infrastructure monitoring that is flexible and cost-effective, helps ensure the predictable performance and availability of vital applications, and offers comprehensive monitoring for your datacenter and cloud, both private and public. You will learn the skills you need to proactively monitor and respond to server and service availability, low performance, and security issues for servers in the datacenter. You will learn key Operations Manager concepts such as Management Packs (including authoring Management Packs), Overrides, and Distributed Application Models.

## Course Outline

### Module 1: Overview and Architecture

- Overview of Operations Manager
- Overview of Key Features in Operations Manager
- Overview of Core Components and Topology
- Addressing Cloud and Datacenter Issues by Using Operations Manager
- Planning and Sizing System Center 2012 R2 Operations Manager

### Module 2: Deploying a new System Center 2012 R2 Operations Manager Management Group

- Overview of Security Considerations
- Designing the Management Group
- Installing System Center 2012 R2 Operations Manager
- Configuring Operations Manager Default Settings
- Deploying the Operations Manager Agent
- Configuring Agentless Exception Monitoring (AEM)
- Configuring Audit Collection Services

### Module 3: Upgrading Operations Manager

- Overview of Migration and Upgrade Planning
- Upgrading to System Center 2012 R2 Operations Manager
- Migrating to System Center 2012 R2 Operations Manager

### Module 4: Configuring Fabric and Application Monitoring

- Introduction to Management Packs
- Configuring Network Device Monitoring
- Configuring Fabric Monitoring
- Configuring Application Monitoring

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## Module 5: Application Performance Monitoring

- Application Performance Monitoring
- Using IntelliTrace
- Team Foundation Server Integration

## Module 6: End to End Service Monitoring

- Management Pack Templates
- Distributed Application Models
- Global Service Monitor
- Real-time Visio Dashboards

## Module 7: Scorecards, Dashboards and Reporting

- Configuring and Managing Reporting in Operations Manager
- Configuring Service Level Tracking
- Configuring the Operations Manager SharePoint WebPart
- Configuring Dashboards and Widgets
- Creating Custom Dashboards

## Module 8: Configuring and Customizing the Console

- Security, Scoping and User Roles
- Creating Custom Views and Alert Resolution States
- Configuring Notification Subscriptions
- Creating Diagnostic and Recovery Tasks

## Module 9: Management Pack Authoring

- Management Packs Authoring Concepts
- Authoring Management Packs by using the Operations Console
- Authoring Management Packs by using the Visual Studio Authoring Extensions

## Module 10: Integrating Operations Manager with Other System Center Components

- Service Manager Integration
- Data Protection Manager Integration
- Orchestrator Integration

## Module 11: Troubleshooting, Tuning and Disaster Recovery

- Troubleshooting Operations Manager Core Components
- Tuning Management Packs
- Configuring SQL AlwaysOn for Operations Manager
- Configuring Data Retention in Operations Manager
- Disaster Recovery in Operations Manager