



Course 10964C

## Cloud & Datacenter Monitoring with System Center Operation Manager

Course Length : 40 Hours  
Professional Series : 5 Days  
Academic Series : 6 Weeks

### 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

### 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

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