

Training: Microsoft
MS-10964 Cloud & Datacenter Monitoring with System Center Operations Manager



FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Digital materials	950 EUR	5 days
Traditional	CTAB Tablet	1050 EUR	5 days

LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm
 Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING TERMS

2019-09-23 | 5 days | Warszawa
 2019-10-14 | 5 days | Kraków

TRAINING GOALS:

This course equips students with the skills they require to deploy and configure **System Center 2012 R2 Operations Manager**. Using hands-on labs, students learn the following:

- How to architect and implement a System Center 2012 R2 Operations Manager Management Group.
- How to upgrade and migrate from an existing Operations Manager 2007 R2 Management Group to System Center 2012 Operations Manager, System Center 2012 SP1 Operations Manager and System Center 2012 R2 Operations Manager.
- Understand the key elements of Management Packs including Object Discoveries, Rules, Monitors, Targeting and Run As Accounts and Run As Profiles. This includes authoring Management Packs.
- How to configure fabric and application monitoring in System Center 2012 R2 Operations Manager including both datacenter and cloud resources such as networking, storage and compute.
- How to configure monitoring of .NET and Java based applications using Application Performance Monitoring.
- How to configure end-to-end service monitoring including synthetic transactions and Distributed Application Diagrams.
- How to configure Dashboards, Service Level Tracking Reporting and the SharePoint Web Part to enable visualization of key performance and availability metrics.
- How to customize the Operations Manager Console to meet the needs of different application support teams.

- How to integrate Operations Manager with other System Center 2012 R2 components and extend monitoring to include key business processes and procedures.
- How to troubleshoot an Operations Manager Management Group and perform disaster recovery procedures such as database and management server recovery.
- How to use new features in System Center 2012 R2

CONSPECT:

- Module 1: Overview and Architecture
 - Operations Manager in the Cloud and Data Center
 - Operations Manager Overview
 - Core Components and Topology
 - Key features of System Center 2012 R2 Operations Manager
 - Planning and Sizing System Center 2012 R2 Operations Manager
- Module 2: Deploying a new System Center 2012 R2 Operations Manager Management Group
 - Security Considerations
 - Management Group Design Considerations
 - Installing System Center 2012 R2 Operations Manager
 - Configuring Operations Manager Default Settings
 - Configuring Agentless Exception Monitoring (AEM)
 - Agent Deployment Methods
 - Configuring Audit Collection Services
- Module 3: Upgrading Operations Manager
 - 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
 - Management Packs Fundamentals
 - 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
 - Configuring Notification Subscriptions
 - Creating Diagnostic and Recovery Tasks
- Module 9: Management Pack Authoring
 - Management Packs Authoring Concepts
 - Authoring a Management Pack
- Module 10: System Center Integration
 - Integrating Operations Manager with Service Manager
 - Integrating Operations Manager with Data Protection Manager
 - Integrating Operations Manager with Orchestrator
- Module 11: Troubleshooting, Tuning and Disaster Recovery
 - Troubleshooting Operations Manager Core Components
 - Configuring SQL AlwaysOn for Operations Manager
 - Configuring Data Retention in Operations Manager
 - Using Reports to troubleshoot Operations Manager
 - Disaster Recovery

REQUIREMENTS:

In addition to their professional experience, students who attend this training should already have the following technical knowledge:

- One or more years' experience in the design and implementation of **System Center Operations 2007 R2** or **System Center 2012 Operations Manager** is desired.
- Working knowledge of **Windows Server 2008 R2** and **Windows Server 2012 R2**.
- Working knowledge of **SQL Server 2008 R2** and **SQL Server 2012**.

Difficulty level



CERTIFICATE:

The participants will obtain Microsoft certificates.

TRAINER:

Microsoft Certified Trainer.