

MSCE-6 - MOC 10964 - CLOUD & DATACENTER MONITORING WITH SYSTEM CENTER OPERATIONS MANAGER

Categoria: System Center

INFORMAZIONI SUL CORSO



Durata:
5 Giorni



Categoria:
System Center



Qualifica Istruttore:
Microsoft Certified
Trainer



Dedicato a:
Professionista IT



Produttore:
Microsoft

OBIETTIVI

Piano per la distribuzione di System Center 2012 R2 Operations Manager tra cui:

Definizione di requisiti hardware e software. Descrivendo considerazioni sulla sicurezza. Architect un System Center e Microsoft SQL Server piattaforma ad alta disponibilità che utilizza Microsoft SQL Server AlwaysOn. La pianificazione per la migrazione e scenari di aggiornamento per System Center 2012 R2 Operations Manager.

Personalizzare la console operatore con ruoli utente.

Eseguire diversi metodi di distribuzione Agente con System Center 2012 R2 Operations Manager.

Implementare concetti chiave Management Pack e gli elementi compresi Management Pack Modelli.

Configurare le notifiche, reporting e monitoraggio del livello di servizio in System Center 2012 R2 Operations Manager.

Configurare il seguente:

Audit Collection Services. Monitoraggio eccezioni senza agente. Operations Manager SharePoint Web Part in System Center 2012 R2 Operations Manager.

Configurare Application Performance Monitoring e controllo del dispositivo di rete in System Center 2012 R2 Operations Manager.

Configurare dashboard e widget in System Center 2012 R2 Operations Manager.

Descrivere come utilizzare le nuove funzionalità cloud-based, tra cui System Center Global Service Monitor e System Center Advisor.

Configurare l'integrazione tra System Center 2012 R2 Operations Manager e gli altri componenti R2 System Center 2012.

Risoluzione di un gruppo di gestione di Operations Manager.

Eseguire il ripristino di emergenza in System Center 2012 R2 Operations Manager.

PREREQUISITI

Oltre alla loro esperienza professionale, gli studenti che frequentano questa formazione dovrebbero già avere le seguenti conoscenze tecniche:

Uno o più anni di esperienza nella progettazione e realizzazione di System Center Operations 2007 R2 o System Center Operations Manager 2012 è desiderato. Conoscenza operativa di Windows Server 2008 R2 e Windows Server 2012 R2. Conoscenza operativa di SQL Server 2008 R2 e SQL Server 2012.

CONTENUTI

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

Lab : Using the System Center 2012 Operations Manager Sizing Helper Tool

Calculate the hardware requirements for Contoso's Management Group

Create a Visio diagram of the proposed Management Group design

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

Lab : Installing System Center 2012 R2 Operations Manager and Deploying Agents

Installing a new System Center 2012 R2 Operations Manager Management Group

Installing and Configuring the Gateway Server

Installing the Operations Manager Agent

Configuring Active Directory Integration

Installing and Configuring Audit Collection Services (ACS)

Configuring Agentless Exception Monitoring (AEM)

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

Lab : Upgrading to System Center 2012 R2 Operations Manager

Preparing the Operations Manager 2007 R2 Environment for Upgrade

Upgrading the Operations Manager 2007 R2 Management Group to System Center 2012 Operations Manager

Upgrading the System Center 2012 Operations Manager Management Group to System Center 2012 SP1 Operations Manager

Upgrading the System Center 2012 SP1 Operations Manager Management Group 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

Lab : Configuring Application and Fabric Monitoring

Installing the System Center Management Pack for Windows Server Operating System

Install and configure the System Center Management Pack for SQL Server

Install the System Center 2012 Management Pack for Microsoft Windows Server 2012 Internet Information Service 8.

Install and configure the System Center Management Pack for SharePoint Server 2013

Configure Network Monitoring

Configure integration between Operations Manager and Virtual Machine Manager
Install the System Center Management Pack for VMM Fabric Dashboard 2012 R2

Module 5: Application Performance Monitoring

Application Performance Monitoring

Using IntelliTrace

Team Foundation Server Integration

Lab : Configuring Application Performance Monitoring

Monitoring .NET and Java applications with Application Performance Monitoring

Using IntelliTrace

Using the APM Consoles

Configuring integration with Team Foundation Server

Module 6: End to End Service Monitoring

Management Pack Templates

Distributed Application Models

Global Service Monitor

Real-time Visio Dashboards

Lab : Configuring End to End Service Monitoring

Configuring Synthetic Transactions

Configuring the Summary Dashboard with agent locations

Building a Distributed Application Model for Dinner Now

Creating a Visio Dashboard

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

Lab : Configuring Reporting, Dashboards and Service Level Tracking

Design a custom report

Scheduling Reports

Configure Service Level Tracking for DinnerNow

Configure an Alert Dashboard

Configure a Performance Dashboard

Configure a Summary Dashboard

Configure an SLA Dashboard and add Publish the Dashboard to SharePoint

Use the GTM Tool to Publish a Custom Dashboard

Module 8: Configuring and Customizing the Console

Security, Scoping and User Roles

Creating Custom Views

Configuring Notification Subscriptions

Creating Diagnostic and Recovery Tasks

Lab : Customizing the Operations Console

Create User Roles

Create a Custom Resolution Status

Create Custom Views

Configuring Notification Subscriptions
Configure Diagnostic and Recovery Tasks

Module 9: Management Pack Authoring

Management Packs Authoring Concepts
Authoring a Management Pack

Lab : Authoring Management Packs

Creating a Management Pack in the Operations Console
Authoring a custom Management Pack using the Visual Studio Authoring Extensions

Module 10: System Center Integration

Integrating Operations Manager with Service Manager
Integrating Operations Manager with Data Protection Manager
Integrating Operations Manager with Orchestrator

Lab : Configuring System Center Integration

Configure Service Manager Integration with Operations Manager
Configure Operations Manager Integration with Data Protection Manager
Configure Orchestrator Integration
Implement Automatic Web Site Restart and Create an Incident if it Fails

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

Lab : Troubleshooting Operations Manager

Troubleshoot a performance problem in Operations Manager
Recovering from a Management Server Failure
Recovering from an Operational database failure.

INFO

Materiale didattico: Materiale didattico in formato digitale

Costo materiale didattico: incluso nel prezzo del corso a Calendario

Natura del corso: Operativo (previsti lab su PC)