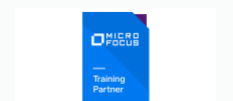


Szkolenie: Micro Focus
 OMW350 - Operations Manager on Windows Advanced Administration



Cel szkolenia:

This 5-day instructor-led course focuses on the advanced administrative tasks for Operations Manager on Windows. You will learn how to configure and use advanced features of Operations Manager on Windows to manage a heterogeneous IT environment. The course reinforces concepts with extensive hands-on lab exercises. The course labs use OMW version 9.0; however, the course directly applies to customers using version 9.x.

Upon successful completion of this course, you should be able to:

- Apply a working knowledge of OMW architecture to a production environment.
- Apply a working knowledge of interactions between OMW and WMI to custom configurations
- Configure automatic responses to system or application problems.
- Configure external nodes, self monitoring, and advanced node settings.
- Configure OMW communication using firewalls.
- Configure an HTTPS proxy and Outbound-only communications.
- Manually create and deploy certificates for secure environments.
- Configure agent based flexibility with flexible management policies.
- Configure server based flexibility using server configurations and flexible management policies.
- Configure an OMW environment using backup servers or server pooling.
- Configure message forwarding to external applications.
- Configure unplanned and schedule outages for the OMW environment.
- Configure a service hierarchy
- Configure auditing and security for the OMW environment.
- Configure auto deployment for the OMW server and managed nodes.

Audience/Job Roles

This course is intended for anyone tasked with the administration of Operations Manager 9.x on Windows.

Plan szkolenia:

- Introduction

- Define OMW architecture
- Identify special node configurations
- Identify communications and certificates
- Learn flexible management
- Define special policy configurations
- Learn about service hierarchies, security, and auditing
- OMW Architecture
 - Name the most important components and processes belonging to OMW
 - Describe the data flow for messages, actions, policy deployment, and performance data on a high level
- OMW and WMI
 - Describe the uses of WBEM and WMI
 - Define the concepts behind WBEM and WMI
 - Describe how WMI is used inside OMW
 - Describe how WMI can be used to extend OMW
- Advanced Node Configuration
 - Modify the XPL file and check configuration values
 - Identify and modify node configuration of DCE agents
 - Set default XPL configuration keys for HTTPS agent installation
 - Change the agent in a node from DCE to HTTPS using automatic deployment
 - Configure and use External Node objects
 - Configure self monitoring
- Auto Deployment Configuration
 - Configure auto deployment for the server and managed nodes
 - Configure auto deployment for service types
- Communications and Firewalls
 - Configure OMW with firewalls
 - Configure OMW to work with proxies and outbound-only communications
- Certificate Use and Management
 - Use command-line tools to verify certificates for both clients and server
 - Create and use an installation key
 - Manually install certificates
 - Back up and restore certificates
- Flexible Management Overview
 - Synchronizing configurations between multiple management servers
 - Exchanging CA certificates between multiple management servers

- Updating trusted certificates available on managed nodes
- Configuring AgentBased Flexibility
 - Configure responsible managers in flexible management policies.
 - Configure time templates and Follow-the-Sun management
- Configuring Server Flexibility
 - Configure message forwarding
 - Configure synchronization between OMW Management Servers
- Enhancing OMW Availability
 - Configure enhanced availability of OMW by configuring a server pooling solution
- Forwarding Messages to Applications
 - Configure a WMI policy to forward messages to an external application
- Outage Configuration in OMW
 - Configure OMW to respond correctly to planned and unplanned outages
- Using the Message Stream Interface
 - Configure either the server or the agent message stream interface (MSI)
- Advanced Policy Management
 - Troubleshoot various problems associated with messages
 - Identify additional non-monitoring policies used in OMW
 - Configure local logging to help track messages
- VBScripting Basics
 - Identify four sections about scripting:
 - General scripting information
 - VBScript basics
 - Debugging VBScripts
- Policy Scripting
 - Deploy scripts that are used in policies
 - Define policy automatic actions
 - Define external scripts that monitor threshold values
 - Define multisource policies that use Perl scripts
 - Define multisource policies that use VB scripts
- Service Management Basics
 - Explain the relationships within a service hierarchy, such as superordinate and subordinate.
 - Explain how messages and services map together.
 - List the three types of status calculation, and explain status propagation.
- Building a Service Hierarchy

- Use the service configuration editor to create a service hierarchy in OMW.
- Create calculation and propagation rules.
- Add a dependency to a service.
- Security and Auditing
 - Apply auditing to the OMW server
- Appendix A: Basics of VBScripting
 - Create and apply fundamental VBScripts for use within OMW
- Appendix B: The OMW Database
 - Design and key elements of the OMW database
 - Key tools for routine management of the OMW database
 - Suggestions for performance and security for the OMW database

Wymagania:

To be successful in this course, you should have the following prerequisites or knowledge:

- Attended and completed the Operations Manager 9.x on Windows Administration Essentials course, or a minimum of 12 months administrative experience on version 9.x of the product.
- Fundamentals and administration of a Windows operating system.
- Understanding of the basic elements of ITIL and ITSM.
- Knowledge of network management and network management common protocols, such as TCP, UDP, and IP.
- Experience with Visual Basic or Perl scripting.

Poziom trudności



Certyfikaty:

The participants will obtain certificates signed by Micro Focus (course completion).

This course prepares you also for such related Micro Focus certification exam: HPE AIS - BSM Operations Manager For Windows v9.

Prowadzący:

Authorized Micro Focus Trainer.