SETC Training Corporate Logo

Server 2022 Training: SCOM: Creating Management Packs (SCOMMP, 4 jours)

Description

The course SCOM: Creating Management Packs (Server 2019 Training) teaches you how to create management packs for SCOM. The training begins with a detailed discussion of management pack architecture and files. We discuss tools & components that are used to author a management pack including the authoring console, Visio MP and Visual Studio .NET. The course covers the development of .NET Application monitoring, TCP/IP, WMI, Windows services & events and LINUX management packs. The training concludes with a discussions of event monitors, performance monitors, rules and tasks.

Tarifs

- Tarification: $3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

Plan de cours

SCOM Authoring Concepts

- About SCOM: Topology, Architecture and Components
- About using SCOM2012 Features: Overrides, Monitors and Rules
- Tools for SCOM2012 Management Pack Authoring
- Understanding the Management Pack Structure
- Understanding Component Files in Sealed Management Packs
- How to Seal a Management Pack File
- How to Work with Management Pack Files

Creating Management Packs

- XML Basics: Elements, Attributes and Namespaces
- Setting up the Development Environment
- Understanding the Tools
- Creating a Management Pack using XML
- Creating a Management Pack using the SCOM Authoring Console
- Creating a Management Pack using Visio MP Designer
- Creating a Management Pack using VSAE.

Working with Targets and Object

- About Classes and Objects
- How to Choose a Target
- How to Create a New Target
- Working with Attributes
- How to Create a Management Pack Template
- Understanding and Working with Watcher Nodes

Working with the .NET Application Performance Monitoring Template

- Overview of.NET Application Monitoring
- How to Configure Monitoring for .NET Applications
- How to Add, Enable, and Disable Namespaces
- How to Add, Edit, and Remove Methods
- How to Add, Edit, and Remove Exception Tracking
- Using Exception Handlers to Define Critical Exceptions
- Client-Side Monitoring with Targeted Groups and Load Balancers

- How to Configure IP Address Exclusion Filters for Client-Side Monitoring
- How to Start Monitoring a New Application
- Authoring Strategies for .NET Application Monitoring
- Application Monitoring Using the Default Settings
- Monitoring SharePoint Applications in System Center 2012 SP1

Working with Other Templates

- OLE DB Data Source Template
- Process Monitoring Template
- TCP Port Template
- UNIX or Linux Log File
- UNIX or Linux Process
- Web Application Availability Monitoring Template
- Windows Service Template

Working with Event Monitors and Rules

- Working with Data Sources
- Working with Expressions
- Working with Alerts
- Windows Events
- Text Logs
- WMI Events
- Syslog Events
- SNMP Events
- Overview of Event Monitor Logic
- About Repeating Events
- About Correlated Events
- About Missing Events
- Correlated Missing Events
- Event Monitor Reset
- UNIX/Linux Shell Command Alerts

Working with Performance Monitors and Rules

- About Performance Monitors
- Windows Performance Collection Rules
- WMI Performance
- UNIX/Linux Shell Command Performance Collection Rules
- Script Monitors and Rules
- Script Collection Rules
- Script Monitors
- UNIX/Linux Shell Command Monitors
- Dependency Monitors
- Aggregate Monitors
- Diagnostics and Recoveries

Working with Tasks

- Console Tasks
- Agent Tasks

Advanced Management Pack Authoring (If Time Permits)

Participants will be shown how to create an advanced MP using custom code and Visual Studio AE.