SS120 - SiteScope 2021.05 Essentials (SS120-202105)

ID SS120-202105   **Price** 4,000.— €(excl. tax)   **Duration** 5 days

Important notes for the booking of Open Text trainings

Please note that prepayment is required for participation in an Open Text training course. Participation in a training course is possible for 12 months after booking the course. Cancellations are excluded. For further information, please refer to **our** General Terms and Conditions.

Course Overview

This course provides the technical knowledge and skills needed to manage and monitor an IT infrastructure with the help of the Micro Focus SiteScope product. Students gain practical experience using SiteScope to design and configure an extensive set of monitoring assets, proactive alerts, and reports.

In addition, the course describes best practices and administrative techniques fundamental to the successful use of SiteScope. Participants become familiar with the SiteScope deployment and implementation processes with an emphasis on advanced product administration and configuration skills. The topics included in the course are reinforced through intensive lab exercises and hands-on activities. The hands-on lab exercises use version 2021.05 of SiteScope.

Who should attend

This course is recommended for both new and experienced SiteScope users, system administrators, operations team members, and anyone responsible for the installation and maintenance of critical systems using SiteScope.

Prerequisites

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

- Administrative and network experience
- Enterprise applications, such as a database server

Course Objectives

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

- Provide an overview of SiteScope installation
- Design a scalable and easy-to-manage monitoring strategy
- Design an efficient alerting mechanism
- Efficiently configure individual monitoring entities
- Implement a monitoring system leveraging best practices for grouping and alerting
- Design enterprise-level reports
- Apply best practices to SiteScope deployment and management
- Demonstrate mastery of advanced techniques for monitor configuration, grouping, design, and report and alert generation
- Use templates and repeatable patterns in the creation of groups, monitors, reports, and alerts
- Demonstrate architectural knowledge of SiteScope

Course Content

- Module 1: Course Overview
- Module 2: Introduction to SiteScope
- Module 3: Installing SiteScope
- Module 4: Monitoring Basics
- Module 5: Planning and Designing a Monitoring Strategy
- Module 6: Configuring
- Module 7: Configuring Remote Servers
- Module 8: Configuring and Using Templates
- Module 9: Using Regular Expressions
- Module 10: Configuring Alerts
- Module 11: Using Reports
- Module 12: Working with SiteScope Dashboard
- Module 13: SiteScope Unified Console
- Module 14: SiteScope Tools
- Module 15: Monitoring with SiteScope-I
- Module 16: Monitoring with SiteScope-II
- Module 17: Monitoring with SiteScope-III
- Module 18: SiteScope Integrations
- Module 19: Administration and Maintenance of SiteScope
- Module 20: SiteScope Server Health and Statistics
- Module 21: Running SiteScop eSecurely
- Module 22: Using SiteScope APIs

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Detailed Course Outline

Module 1: Course Overview

- Install SiteScope
- Design a scalable and easy-to-manage monitoring strategy
- Configure individual monitoring entities
- Evaluate business requirements, engage in capacity planning, estimate resource usages, and size the SiteScope architecture accordingly
- Implement a monitoring system, leveraging best practices for grouping andalerting
- Design enterprise-level reports
- Apply best practices to SiteScope deployment and management
- Use techniques for monitor configuration
- Use templates to create groups, monitors, reports, and alerts
- Perform on-going maintenance and troubleshooting of the monitoring solution
- Perform maintenance and administrative techniques
- Develop practical skills in SiteScope monitor administration and diagnostics
- Perform common SiteScope integrations
- Communicate with SSL clients
- Use the health mechanism of SiteScope

Module 2: Introduction to SiteScope

- Identify the key features of SiteScope
- Explore the SiteScope architecture
- Work with the SiteScope monitoring model
- Identify the SiteScope monitoring methods

Module 3: Installing SiteScope

- Identify key input requirements for installing SiteScope
- Identify the supported platforms and target systems
- Install an evaluation copy of SiteScope
- Work with the SiteScope Configuration tool
- Describe the SiteScope licensing model
- Navigating through the SiteScope interface

Module 4: Monitoring Basics

- Identify the overall workflow in SiteScope including
- Creating groups
- Adding monitors
- Configuring an alert and taking a corrective action
- Viewing the dashboard
- Generating a report

Module 5: Planning and Designing a Monitoring Strategy

- Identify the best practices in SiteScope monitoring methodology
- Use a best practice-based approach for planning a SiteScope deployment and monitoring
- Identify heartbeats and dependencies
- Work with the top-level grouping model
- Use a best practice-based approach for developing a grouping model

Module 6: Configuring

- Create and configure groups
- Create and configure monitors

Module 7: Configuring Remote Servers

- Define remote servers
- Work with remote server's user interface
- Work with SiteScope UNIX adapters
- Identify troubleshooting and limitations
- Use Internet Protocol (IP) v6 support in SiteScope

Module 8: Configuring and Using Templates

- Identify the role of templates
- Create and modify user-defined templates
- Deploy templates
- Use Publish Template Changes Wizard
- Identify the need for importing and exporting templates
- Work with Solution templates

Module 9: Using Regular Expressions

- Define regular expressions
- Identify regular expressions and their syntax in SiteScope
- Create basic regular expressions with the help of content matching
- Use the regular expression tool to build expressions incrementally
- Use regular expression substitution
- Identify the considerations while using regular expressions

Module 10: Configuring Alerts

- Define alerts
- Use alert classes and associations
- Create alerts
- Use email alerts
- Work with script alerts
- Define trigger frequency of alerts
- Identify the purpose of alert filters
- Work with alert templates

Module 11: Using Reports

- List the business purposes of different reports in a SiteScope deployment
- Identify the different types of reports in SiteScope
- Generate reports based on business requirements

Module 12: Working with SiteScope Dashboard

- Describe SiteScope Dashboard
- Define Dashboard filters
- Customize the Dashboard
- List data in the SiteScope Dashboard
- Use the Global Search and Replace feature
- Use Quick Search

Module 13: SiteScope Unified Console

- Describe Unified console
- Multi-view, Event console and Ops View Overview
- Define filters in Event console
- Customize Multi-View
- Create monitors, group using Manage View
- Monitor using Self-Service Use Case

Module 14: SiteScope Tools

- Describe SiteScope Tools
- Use SiteScope Tools
- Access Tools from the Dashboard
- Use monitor-specific tools when creating monitors

Module 15: Monitoring with SiteScope-I

- Identify monitor categories
- Identify the functionality of key monitors within the following categories:
- Network monitors
- Server monitors
- Virtualization and Cloud monitors

Module 16: Monitoring with SiteScope-II

- Identify the functionality of key monitors within the following categories:
- Application monitors
- BIG Data monitors
- Database monitors
- Media monitors
- Web Transaction monitors

Module 17: Monitoring with SiteScope-III

- Identify the functionality of key monitors within the following categories:

- Generic monitors
- Integration monitors
- Custom monitors

Module 18: SiteScope Integrations

- Describe integration features of SiteScope
- Describe SiteScope and OBM integration
- Integrate SiteScope with OBM
- Other Integrations

Module 19: Administration and Maintenance of SiteScope

- Describe critical SiteScope directories and files
- Back up SiteScope
- Set SiteScope preferences

Module 20: SiteScope Server Health and Statistics

- Explore SiteScope health and health groups
- Analyze SiteScope health monitor data
- Work with the SiteScope health user interface
- Use server statistics
- Interpret SiteScope server load statistics
- Use log files

Module 21: Running SiteScop eSecurely

- Harden the SiteScope platform using various configuration and setup options
- Configure SiteScope to use Transport Layer Security (TLS)
- Work with SSH clients
- Use Hardening Tool
- CyberArk Integration

Module 22: Using SiteScope APIs

- Describe the capabilities of the SiteScope Public APIs
- Use SiteScope SOAP APIs
- Use SiteScope REST APIs

About Fast Lane

Fast Lane

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