



INTENDED AUDIENCE

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

DURATION: 2 DAYS

PREREQUISITES

- *Using SiteScope, Introduction to SiteScope CBT*, or equivalent experience
- Experience with DOS, WINDOWS, and Unix operating systems
- Experience with enterprise applications such as an application or database server

OVERVIEW

This advanced course is designed to provide SiteScope users with the knowledge and skills necessary to leverage SiteScope's capabilities in managing and monitoring business environments and infrastructures. The course expands on fundamental concepts of product usage and management. Participants will become familiar with SiteScope deployment and implementation processes with an emphasis on advanced product administration and configuration skills. All topics are supported by extensive hands-on exercises that are based in real-life examples.

COURSE OBJECTIVES

At the end of the course, you will be able to:

- 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.
- Perform maintenance and administrative techniques.
- Evaluate business requirements, engage in capacity planning, estimate resource usages, and size the SiteScope architecture accordingly.
- Use practical skills in SiteScope monitor administration, alerting, reporting and diagnostics.
- Describe common SiteScope integrations.

COURSE SUITES

The Advanced SiteScope course is available as part of the SiteScope 9.5 Suite.

Day 1	<p>I. Course Overview</p> <ul style="list-style-type: none"> • Purpose • Course objectives • Course outline • Class introductions • Student responsibilities • Instructor responsibilities • Miscellaneous items
	<p>II. Integrating With SiteScope</p> <ul style="list-style-type: none"> • Define SiteScope and its role in the IT operations environment. • Describe the SiteScope product architecture. • Describe the benefits of integrating SiteScope with HP application management products, such as BAC and Operations Manager (OM). • List integrations with third-party application management products.
	<p>III. Planning and Best Practices</p> <ul style="list-style-type: none"> • Understand the concerns and challenges of SiteScope deployment. • Implement the structured process of SiteScope deployment planning. • Describe HP best practices and recommendations for a successful deployment. • Leverage advanced techniques to make deployment more efficient and streamlined.
	<p>IV. Using Regular Expressions</p> <ul style="list-style-type: none"> • Understand regular expression syntax. • Define regular expressions that meet specific monitoring requirements. • Create basic regular expressions as part of building monitors in SiteScope. • Use the regular expression tool to build expressions incrementally.
	<p>V. Advanced Grouping and Monitoring</p> <ul style="list-style-type: none"> • Describe how SiteScope stores group and monitor information in the SiteScope\persistence and SiteScope\groups directories. • Edit group, subgroup, and monitor configurations manually or by using the SiteScope UI. • Describe monitoring flow and monitoring frequency. • Describe the cause, impact, and recommended practices for addressing timeouts, skips, false positives, and alert storms. • Use advanced configuration to develop efficient grouping and monitoring.

Day 2	<p>VI. Introducing Advanced Monitoring</p> <ul style="list-style-type: none"> • Understand transaction monitoring with SiteScope. • Use the URL Sequence monitor. • Understand the concepts of Composite monitoring. • Use the E-Business Transaction Chain monitor. • Use regular expressions in URL monitors. • Pass variables between monitors in sequence monitoring.
	<p>VII. Alert and Alert Templates</p> <ul style="list-style-type: none"> • Create advanced alert filters. • Use naming conventions to refine filters. • Use distribution lists and advanced e-mail settings. • Create script alerts. • Use alert parameters. • Create alert templates. • Describe best practices for alerts.
	<p>VIII. Adapters and Scripts</p> <ul style="list-style-type: none"> • Define Operating System (OS) adapter. • Create and modify an OS adapter. • Write basic scripts for Windows and UNIX. • Describe script troubleshooting methods.
	<p>IX. Performance and Tuning</p> <ul style="list-style-type: none"> • Understand Performance Factors • Become familiar with Connection and Data Collection Mechanisms • Apply Tuning Techniques
	<p>X. SiteScope Internals</p> <ul style="list-style-type: none"> • Understand maintenance and administration tasks in SiteScope • Identify the purpose and location of key SiteScope files in the SiteScope directory structure. • Add and reference custom properties. • Manage data retention.