HP SiteScope

For the Windows, Solaris and Linux operating systems

Software Version: 11.23

SiteScope What's New

Document Release Date: December 2013

Software Release Date: December 2013

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Contents

What's New in SiteScope 11.23

This file provides information about new features and enhancements in HP SiteScope 11.23, 11.22, 11.21 and 11.20.

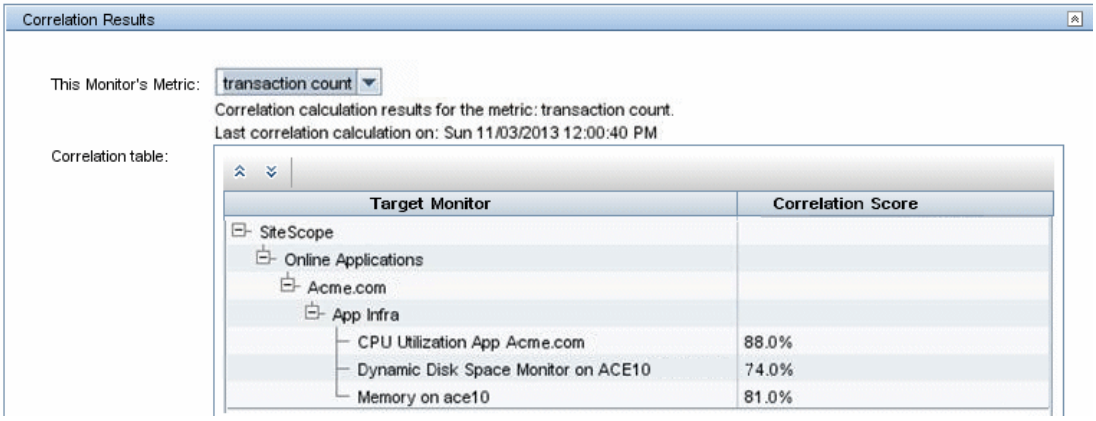
For customer escalation fixes and internal bug fixes made to SiteScope 11.23, see the SiteScope 11.23 Release Notes.

For new features and enhancements in earlier versions of SiteScope, see the HP Software Support Online (SSO) Product Manuals Site.

Predictive Analytics

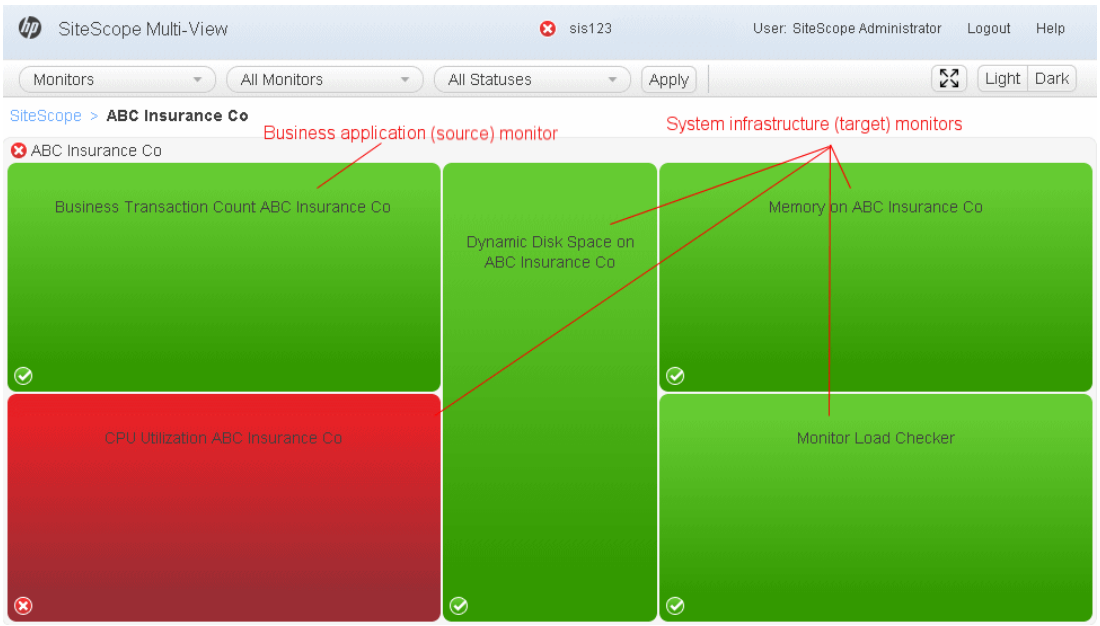
Added Predictive Analytics which helps protect businesses from the impact of IT issues by predicting potential problems in critical business applications and informing users of issues before business flows are affected. Benefits of Predictive Analytics include:

- Anticipates potential IT problems before they occur - SiteScope detects behavioral changes (anomalies) on the application monitor metrics, and sends predictive alerts before a problem starts to affect your business.
- Speeds up problem resolution by providing details to assist with root cause analysis - SiteScope identifies the impact of system infrastructure monitors on the business application and provides the details beneficial to assist with root cause analysis based on this correlation in predictive alerts and in the Analytics tab.



- Prevents or reduces downtime - Potential issues are identified, and reported before their full effects are felt in the IT systems. This gives you vital time to take action before IT systems and services are impaired.

- Provides a new view displaying an impact tree - This is a filtered view within Multi-View that displays only the analyzed monitor and its target monitors in a single view. This helps you to examine more closely the impact of system infrastructure monitors on the business application and to diagnose the root cause of issues.



New Monitors and Solution Templates

- Added the **Big Data** monitors category. Monitors in this category provide real-time visibility and insight into the health and performance of the big data infrastructure. This category includes the following new monitors:
  - **Hadoop monitor.** Enables dynamic real-time monitoring and analysis of the health and performance of the Hadoop environment using the standard JMX remoting technology defined by JSR 160 (remote JMX). This monitor also supports reporting topology to BSM.
  - **HP Vertica JDBC monitor.** Enables dynamic real-time monitoring and analysis of the health and performance of the Vertica cluster infrastructure. This monitor also supports reporting topology to BSM.
- **Dynamic JMX monitor.** Added the Dynamic JMX monitor that uses the dynamic monitoring mechanism to recognize changes on the monitored Java applications and automatically update the MBean counters and thresholds as they change during run time.
- **VMware Host For Performance Troubleshooting Solution Template**. Deploys a set of monitors that follow VMware's official best practices for performance troubleshooting for VMware vSphere. These monitors use SiteScope's Calculated Metrics to pinpoint specific performance problems on the VMware host, and report the problematic ESX and/or VM. This template can also be used for collecting data and monitoring the overall performance and availability on the VMware host.

- **HP Vertica Solution Template**. Deploys a set of monitors for monitoring the health and performance statistics of key items of the Vertica cluster infrastructure.
- **Hadoop Solution Template**. Deploys a set of monitors for monitoring the health and performance statistics of key items of Hadoop cluster infrastructure.

Monitor Enhancements

- Added support for iLO versions 3 and 4 to the HP iLO monitor.
- Added support for F5 Big-IP 10.x.to the F5 Big-IP monitor.
- Added support for JBoss 7.1.x to the JMX monitors.
- Added support for Microsoft SQL Server 2012 to the Microsoft SQL Server monitor.
- Added support for SAP Java Web Application Server 7.3 to the SAP Java Web Application Server monitor.
- Added support for WebSphere 8.5x to the WebSphere Application Server monitor and solution template.
- Added support for WebSphere MQ Servers 7.1, and 7.5 (formerly known as MQSeries) to the WebSphere MQ Status monitor.
- Added support for Siebel 8.2 to the Siebel monitors and solution templates.
- Added support to the UNIX Resources monitor for monitoring UNIX remote servers running on:
  - Red Hat ES/AS Linux 5.9, 6.2 - 6.4
  - Oracle Enterprise Linux 6.4
  - AIX 7.1
  - Solaris 11
- Added support for monitoring VMware vCenter 5.0 and 5.1 servers configured to use SSO authentication to all VMware monitors and solution templates.
- Added support for DB2 10.1 to the DB2 monitor, and renamed the monitor DB2 JDBC (it was previously named DB2 8.x and 9.x).
- The Dynamic JMX monitor and the Hadoop monitor use connection pools to reduce the load on the JMX infrastructure and SiteScope. Connection pools provide reusable connections by the monitor itself during different monitor runs, and by several monitors that use the same connection details.

API Enhancements

- Added a new DA API method (getMonitorTypesWithMetricNames) that scans all the monitors in this SiteScope instance for which the user has view permissions, and returns a list of their types together with the metric names per monitor type.

BSM Integration

- Added support for reconciliation prioritization when several data collectors are reporting topology to BSM.
- BSM HI window displays multiple values for SiteScope HIs.
- Added the generic Running Software CI type to the list of CI types reporting data to BSM's RTSM. This CI type can reconcile with any of its descendant CI types such as Database, Application Server, Web Server and so forth.
- Added a new “SiteScope Monitors without Monitored CIs” view to RTSM which enables users to obtain all the SiteScope monitors that are not reporting topology (Monitored CI).
- Fixed customer encountered defects relating to custom topology.

Supported Environments

- Server System Requirements:
  - Added support for installing SiteScope on Red Hat ES/AS Linux 6.3, 6.4.
  - Added support for Microsoft Windows Server 2012 Enterprise Edition.

  Note: The HP Operations agent is not available when installing SiteScope 11.23 on a Microsoft Windows Server 2012 or Red Hat ES/AS Linux 6.4 environment because the agent version bundled with SiteScope does not support either of these platforms. As a result, the HP Operations Manager Event and Metrics Integration is not supported in SiteScopes running on Windows Server 2012 or RHEL 6.4.
- Client System Requirements:
  - Added support for JRE7 update 45.
  - Added support for Mozilla Firefox 24.0 ESR.
  - Added support for Microsoft Internet Explorer 10. Note that Alert reports, Monitor reports, and Server-Centric reports are supported in compatibility mode only.

Documentation Changes

- Planning and deployment guides are now available only from the HP SSO Product Manuals Site, to ensure that the most accurate and up-to-date versions of these documents are accessible to customers. The **Get_Documentation.htm** file, which is available from the SiteScope

installation root, from the SiteScope Online Help system, and from the SiteScope Help menu, provides deep links into all the documents needed to plan and install or upgrade SiteScope.

- SiteScope installation requirements (System Hardware Requirements, Server System Requirements, Client System Requirements, Support Matrices, and Capacity Limitations) and the installation procedures were removed from the release notes. This information is available from the SiteScope Deployment Guide (http://support.openview.hp.com/selfsolve/document/KM00447772/binary/SIS_1123_Deployment.pdf).

- Monitor Permissions and Credentials was moved from the SiteScope Deployment Guide to the Monitor Reference Guide in the SiteScope Help.

- The SiteScope Online Help system now uses a new Webhelp engine that improves performance, enables more robust search capabilities (including boolean and string searching), provides quick toggling of the navigation pane, and enhances navigation with options for going to the previous or next topic.

What's New in SiteScope 11.22

SiteScope Multi-View

- Displays the status of all SiteScope monitors and groups in a single view, enabling you to more easily understand the overall impact of problems in your IT infrastructure.
- Displays monitors from different perspectives: grouped by target server view, tags view, or the standard SiteScope hierarchy perspective.
- Fully utilizes the screen to display near-real time status of all groups and monitors. It is fully supported on big and small screens, making it ideal for viewing monitor data in a network operations center. It is also supported on iPad tablets.
- Provides filtering and drill down to view more detailed information on groups and monitors, enabling you to focus only on those groups and monitors you want to view.
- Enables you to isolate the root cause of problems and perform troubleshooting actions to mitigate issues.
- Multi-View is HTML-based. It is supported in additional browsers, including Chrome and Safari, and it runs in web browsers without having to install Java. You can access Multi-View directly using the **http://<SiteScope>:8080/SiteScope/MultiView** link.
- Multi-View is supported in MyBSM when SiteScope is connected to a BSM server, enabling you to see multiple SiteScope Multi-Views simultaneously in the same view. The predefined MyBSM Multi-View page also displays the status of all SiteScope servers connected to the BSM system. This enables you to access and troubleshoot SiteScope without having to drill down to the SiteScope instance.

Monitor Enhancements

- Added the ability to create a dedicated log with specified log level for each monitor instance, and to view that log form the Logging Settings panel.
- Added the Multi-Log monitor which enables checking for specific entries added to log files in a given directory, by looking for entries containing a text phrase or a regular expression.
- Added support for Amazon Virtual Private Cloud (VPC) to the Amazon Web Services monitor.
- Added support for running the Web Service monitor using SSL.
- Added support to the Mail monitor for sending emails via SSL SMTP servers.

Custom Monitor Enhancements

- Added the ability to perform offline debugging of a custom monitor script using a remote debugging environment. This makes the script development process easier, since it enables you

to complete the code and see the debugged data inside the script during the data processing stage. The Custom Monitor Debugging Eclipse project is available from **<SiteScope root directory>\examples\monitors\custom\CustomMonitorDebuggingEclipseProject**, or from the HP Live Network.

- Added the Script Parameters table which enables you to predefine parameters that can be repeatedly used in the custom monitor script.

Preference Enhancements

- Added a quick search to General Preferences and Infrastructure Preferences which enables searching for a specific string in preference setting labels.
- Added support for sending emails via SSL SMTP servers.

Template Enhancements

- Added the ability to create and deploy a template that contains remote servers only, without having to include a root group.

Calculated Metrics

- Calculated Metrics enable defining new metrics by taking existing SiteScope metrics, performing an arithmetic or logical operation on them, and then configuring thresholds on the calculated metrics. This feature replaces the arithmetic counter in the JMX monitor which was deprecated.
- Added the **#longToDate()** function to Calculated Metrics which converts a time stamp in numerical format to a regular readable format.

Integration with BSM 9.22

- Added ability to drill down from Service Health HIs (context menu) to the SiteScope Cross-Performance Report.
- Added ability to drill down from any CI monitored by SiteScope to the SiteScope Cross-Performance Report.
- Added wiring between any CI monitored by SiteScope and the SiteScope Cross-Performance component in MyBSM.

Third-Party Integration

- Added ability to export EMS technology integration monitors from SiteScope and import them to BSM Connector as policies.
- Added the Trigger alert action which should be used when you want the alert to send event information to HPOM or BSM without performing any additional action.

Integration with Performance Graphing

- Added ability to use the profile database in BSM as the data source for graphing metrics to Performance Graphing in Operations Management. The profile database option is a more robust and scalable data source than the HP Operations agent which is installed on the SiteScope server, and does not require configuration of the HP Operations Integration. The profile database is available when SiteScope is connected to a BSM 9.22 server and metrics reporting to BSM is enabled.

Installation and Configuration

- Added a silent run option to the SiteScope Configuration Tool. This enables you to make a backup copy of SiteScope configuration data from your current version of SiteScope, without having to navigate through the Configuration Tool screens and input selections.

Security Enhancements

- SiteScope 11.22 is compliant with FIPS 201-1 requirements. FIPS 201-1 are the PIV Card (Personal Identification Verification) that contains the credentials for identification of employees and contractors, and the PKI (Public Key Infrastructure) that provides the services to issue and revoke the cryptographic keys. CAC (Common Access Card) is the concrete implementation of a PIV Card in the US Department of Defense.

- SiteScope supports user authentication using smart cards. Smart cards store certificates verifying users' identity and allow access to secure environments. Smart cards replace the standard model of each user manually entering a user name and password.

- Added the SiteScope Hardening Tool which enables you to perform the following SSL configuration tasks that previously required manual configuration:

  - Configure SiteScope with Server Side SSL (HTTPS)

  - Public API client certificate authentication

  - Configure hardened SiteScope for integration with hardened BSM

  - JMX remote access configuration

  - Configure SiteScope to require Client Side Authentication, including:

    - CRL and OCSP certificate revocation verification protocols

    - Smart Card Authentication enforcement

    - Authentication of client certificate with LDAP

API Enhancements

- Added Data Acquisition APIs that enable getting historical data for monitor runs that match specified query parameters.

- Added support for creating remote servers on Windows and UNIX environments.

Supported Environments

- Added support for monitoring remote servers running on Microsoft Windows Server 2012. See the SiteScope Help for the supported monitors and solution templates.
- Support for installing SiteScope on Microsoft Windows Server 2003 was deprecated and we plan to remove it in the next SiteScope release.

Documentation Changes

- The SiteScope Monitor Metrics document was deprecated, and information from this document was merged into the SiteScope Monitor Reference Guide. The SiteScope Monitor Reference Guide now includes the list of all metrics that can be configured per monitor, as well as versions of applications or operating systems that are supported.

Localization (L10N) Support

- Added L10N support for all SiteScope 11.21 and 11.22 features.

Certifications (client side)

- Mozilla Firefox 17 ESR
- Java 7 update 15

What's New in SiteScope 11.21

Custom Monitors and Exporting Content Packages

- Added the ability to use content packages for sharing user-defined content with other SiteScope users. This enables sharing templates that contain Custom monitors or regular monitors that reference a script or alert extension file (such as **templates.os** and **templates.mail**) in the SiteScope file system. You can also share extension files not related to a template.

  Note that the **<SiteScope root directory>\sisdocs\custom_monitors** and **<SiteScope root directory>\conf** general folders are no longer supported.

- Added the ability to export content packages to a zip file using the Export Content Package Wizard.

- Added the ability to collect data dynamically for query-based custom monitors. This provides the added benefit of enabling you to create queries based on values that are not in the monitored entity data store (for example, timestamp), create queries based on previous query results or calculations, and include variables in queries.

- Added an updated example content package zip file named **CustomMonitorsExamples_11_21.zip** to the **<SiteScope root directory>\examples\monitors\custom** folder. This includes all four custom monitors (the Custom Database monitor now includes a dynamic query), a manifest file according to the new convention, and template mail and template mail subject files to exemplify the use of file distribution as part of the import content package process.

- Added guided and narrated demonstrations for using the WMI Custom monitor to the HP Videos channel on YouTube:

  - Custom WMI Monitor Creation Process and Packaging - http://youtu.be/bB6NITGdd88

  - Custom WMI Monitor Data Processing Script - http://youtu.be/GIw3JVnunWE

Monitor Enhancements/Changes

- Added support for SOAP 1.2.and WSDL 2.0 to the Web Service monitor.

- Added cluster support for WebSphere Application Server monitor.

- Added virt-top based metrics for KVM monitor.

Calculated Metrics

- Added the Calculated Metrics Settings panel which enables defining new metrics by taking existing SiteScope metrics, performing an arithmetic or logical operation on them, and then configuring thresholds on the calculated metrics. This is useful for metrics that are constantly changing, making it difficult to define status thresholds.

Note: While Calculated Metrics and Rate Metrics are currently supported for the JMX monitor, Rate Metrics will be removed in the next planned release, and existing Rate Metrics will be upgraded to Calculated Metrics.

ALM/PAL Integration

- Added the ability to import data from ALM that includes SiteScope configuration templates. Sharing such information between development and operations enables using SiteScope configurations that have already been tested and fine tuned. Imported SiteScope configuration templates are stored in the SiteScope template tree for each SiteScope registered to BSM.

SiteScope Failover/High Availability Solution Improvements

- Added ability to send all configuration data created when SiteScope Failover was active back to the primary SiteScope when it becomes active.
- Added user permissions for High Availability Preferences.

Supported Environments

- Added support for Microsoft Windows Server 2008 R2 Datacenter edition.
- Added support for Red Hat ES/AS Linux 5.8.
- SiteScope is certified with USGCB (FDCC) compliant clients.

What's New in SiteScope 11.20

New Monitors and Solution Templates

- Custom monitors that enable you to develop your own solutions for environments that are not supported by predefined SiteScope monitors. Custom monitors can be shared with other users by publishing them to the SiteScope community on the HP Live Network. New customizable monitors include **Custom**, **Custom Database**, **Custom Log File**, and **Custom WMI** monitor.
- **Dynamic Disk Space monitor**. Enables you to configure the monitor once, and leave it to detect disks and file systems changes. This monitor replaces the Disk Space monitor which was deprecated.
- **VMware Datastore monitor**. Used to monitor the state of VMware Datastores and Virtual Disks (connectivity, capacity, free space, and snapshot size). This monitor was also added to the VMware Capacity Management Solution Template container.
- **KVM Virtualization monitor**. Used for monitoring Kernel-based Virtual Machines (KVM) on Linux x86 and x86_64 hardware that contains virtualization extensions.
- **Generic Hypervisor monitor**. Used for monitoring Virtual Machines using the virsh tool (a command line interface tool for managing guests and the hypervisor). This monitor collects detailed information on nodes and guest virtual machines running on the host.
- **Syslog monitor**. Used for monitoring Syslog processes and messages from UNIX and Linux remote servers.
- **Memcached Statistics monitor**. Memcached is a high-performance, distributed memory object caching system, often used in speeding up dynamic web applications by alleviating database load. This monitor is checks whether a memcached server responds to a remote stats request, and stores the values returned in the response to a successful stats request.
- **HAProxy monitor**. HAProxy is a solution that is used to provide high availability, load balancing, and proxying for TCP and HTTP-based applications. This monitor is used to provide front- and back-end statistics to check that your HAProxy server is working properly.
- **License Health monitor**. Enables you to check the availability and usage of SiteScope license points for the local installation.
- **Oracle Database Solution Template**. Added support for Oracle Database 11g to the Oracle Database Solution Templates. (QCCR1I58573)

Monitor Enhancements/Changes

- **Amazon Web Services Monitor**. Added support for Amazon EC2 regions that are used to get or store measurements.
- **Citrix Monitor**. Added support for Citrix monitor running on Citrix XenApp 6.0.

- **DB2 8.x and 9.x Monitor**. Added support for DB2 8.x and 9.x monitors running on DB2 9.x servers up to version 9.7.5.
- **Integration monitors**. The Generic Integration monitors (Technology Database, Log File, SNMP Trap, and Web Services) are supported for BSM 9.1x and earlier versions only.
- **JMX Monitor**.
  - Added support for JBoss 6.1 and 7.0, WebLogic 11g (10.3.5), Tomcat 6.0.33 and 7.0.25, and Sun Glassfish Enterprise Server 2.1 and 3.1.
  - Added arithmetic counters to the JMX monitor which enable you to evaluate the growth or contraction rate of linear-based metrics. This is useful for metrics that are constantly increasing, making it difficult to define status thresholds. For example, you might want to use arithmetic counters to check the rate of request failures by looking at the "failed request count" metric.
- **Microsoft Windows Event Log Monitor**. Added support for Microsoft Windows Event Log monitoring via WMI.
- **Oracle 10g Application Server Monitor**. Added support to the Oracle 10g Application Server Monitor for monitoring Oracle 10g R3 servers.
- **SAP Java Web Application Server monitor.** Added support for P4 monitoring via SSL transport.
- **Service Monitor**. Added the ability to reduce Service monitor runtime by adding the property **_ serviceMonitorOptByServiceName=true** to the **<SiteScope root directory>\groups\master.config** file. This enables the monitor to retrieve data for the service selected for monitoring only, instead of retrieving all services from the remote machine, and then sorting for the selected service.
- **SNMP upgrade**. Includes adding support for SNMP v3 and AES encryption, updating various monitor settings, and adding support for IPv6 addresses to the following monitors: **Cisco Works Monitor**, **F5 Big-IP Monitor**, **Network Bandwidth Monitor**, **SNMP Monitor**, **SNMP Trap Monitor**, **SNMP by MIB Monitor**.
- **SunONE Web Server Monitor**. Added support for SunONE Web Server monitor running on iPlanet 7.0 servers.
- **UNIX Resources Monitor**. Added support for UNIX Resources monitor running on Solaris 10u8-11, Red Hat Linux 5.8, 6.0, 6.1, HP-UX 11i v3, and AIX 7.0.
- Added Ubuntu and CentOS operating systems as officially supported OS for UNIX remote servers.
- **VMware Monitors**.

  - Added support for selecting predefined credentials when configuring VMware Performance and VMware Host Monitors and templates.
  - Added support for VMware Datastore, VMware Host, and VMware Performance monitors running on VMware vCenter Server 5.0 and VMware ESXi 5.0.
  - Dynamic monitoring mechanism. Added support to retain counters that no longer exist on the VMware host server after running the update mechanism, and to continue displaying these counters in the monitor. (QCCR1I53407)

- **WebSphere Application Server Monitor**.
  - Added support to the WebSphere Application Server monitor for monitoring WebSphere 8.0x servers.
  - Added a troubleshooting tool to the WebSphere Application Server monitor that checks the configuration and displays the configuration results.

- **WebSphere MQ Status Monitor**. Added support for WebSphere MQ Status monitor running on WebSphere MQ Server 7.0.1.3.

- **WebSphere Performance Servlet Monitor**. Added support to the WebSphere Performance Servlet monitor for monitoring WebSphere 7.0.0.19, 7.0.0.21, 8.0, 8.0.0.1, and 8.0.0.2 servers.

Template Enhancements

- When configuring monitor and group dependencies in templates, added the ability to supply the full or relative path to existing monitors in the tree, rather than having to recreate the tree structure. This enables the template to automatically write the groups and monitors into their proper place in the tree and automatically create any number of dependencies, without you having to do this manually. (QCCR1I36535)

- Monitor dependencies are now supported by the Publish Template Changes Wizard (previously monitor and group dependencies were removed after publishing changes from the template and had to be added manually).

- Added option to ignore publishing dependency changes that you do not want to publish to deployed monitors and groups. (QCCR1I42189)

Integration Enhancements

Amazon CloudWatch Integration:

- Added support for Amazon EC2 regions that are used to get or store measurements.

Generic Event Integration:

- Can be used to forward events to a third-party application or management console as an XML format over HTTP. The event that is sent contains information regarding the monitor and its

measurement, including the status change that triggered the event.

- You can integrate events collected by SiteScope with CDA (Continuous Delivery Automation), a policy-based platform that provides infrastructure provisioning in hybrid cloud environments. This integration uses the out-of-the-box HP CDA Event Mapping template. CDA receive events from SiteScope, and displays monitoring status based on the events received in the CDA user interface.

ALM/PAL Integration:

- Enhanced Application Lifecycle Management (ALM) and Performance Application Lifecycle (PAL) integration with ability to export SiteScope measurements, templates, and application topology from CMDB to Performance Center for pre-production testing.

HP Operations Manager Integration:

- Upgraded the HP Operations agent supported in SiteScope.
- Added a new integration between HP SiteScope and HP Operations Manager (HPOM), allowing you to associate SiteScope templates with HPOM policies. This integration leverages the power of the proven HPOM policy enforcement with the flexibility and ease of use of SiteScope templates. The integration provides the following benefits:
  - Centralized management of templates across multiple SiteScope instances - you no longer have to worry about templates getting out of sync or to manually sync templates.
  - Version control for templates (including roll-back functionality).
  - Automatic and robust deployment of templates based on group policy assignment (desired state handling).
  - Scheduled roll out of template deployment.
  - Reduced firewall configuration, leveraging existing HP Operations agent- HPOM management server connectivity.
  - Unified management of SiteScope and HP Operations agent through a single administrative console.

  For details on managing SiteScope templates with HPOM, see the Deploying SiteScope Configuration with HPOM Guide available from the Home page of the SiteScope Help, or from the HP Software Support Product Manuals site.

Preferences

- Added the **Receive SNMP Trap Preferences** panel to the SNMP Preferences page which enables defining SNMP Trap receivers that can listen to and receive SNMP traps with V3 properties.

- Added the **High Availability Preferences** panel. For more details, see "Improved SiteScope Failover/High Availability Solution" on the next page.

Permissions:

- Added the **Edit and delete monitors** and **Edit and delete alerts** permissions to User Management Preferences which enables giving users permissions to modify monitors and alerts without being able to create new ones.
- Renamed the existing **Edit <object>** permissions to **Add, edit or delete <object>**.
- Added the **Generate server centric report** permission which enables giving users permissions to create Server-Centric reports.

Tool Enhancements

- Added the SiteScope Log Grabber utility to SiteScope Tools (**Tools** context > **Common Utility Tools** > **Log Grabber Tool**). This tool enables you to collect and save log and configuration files.
- Added support for the Link Check Monitor Tool to the **Tools** context (**Tools > Web Tools > Link Check Tool**), and enabled the tool from the Dashboard when configuring the Link Check monitor.

Report Enhancements

- Updated the Monitor report, Alert report, Server-Centric report and with a simplified user interface with improved look and feel.
- The Alert report now includes all alerts, including alerts from parent groups that target the selected object. (QCCR1I55656)
- Added the ability to generate a Server-Centric report from the monitor, group or SiteScope root shortcut menu.
- Added **Tag** to the list of available columns when creating a Monitor Report. Tags can be used to sort monitors by priority. (QCCR1I45252)

Alert Changes

The option to create alerts using the Pager or SMS action type is no longer available, and support for Pager and SMS Alert action types will be removed in the next version of SiteScope. For backward compatibility, these alert action types can be enabled by adding the property **_ enableDeprecatedAlertActions=** to the **<SiteScope root directory>\groups\master.config** file with possible values: **sms**, **pager**, or **sms,pager** to enable both action types (these values are not case sensitive). (QCCR1I66555)

Searching and Filtering SiteScope Objects

- Added a Quick Search that enables you to filter configuration objects in the monitor, remote server, template, and counter tree. You can filter by case sensitivity, wildcards, match options, and node/child options.

- It also includes an automatic filter that if selected, enables the search to be performed automatically after typing the search word, without having to press the Enter key every time you want to run the search.

API Enhancements

New APIs for publishing template changes, updating templates deployed without a root (updates only a single monitor with new variables), importing a template and overriding it if it already exists in the given path, importing an SSH key file to SiteScope, deploying a single template that gets back details of the deployment, creating tags, adding tag values, editing tag descriptions and tag values (name, description), deleting tags.

Performance and Monitoring Capacity Enhancements

Improved applet download performance by using a new applet mechanism and a new managed cache. The new cache enables you to download the applet once and reuse it for accessing different SiteScope servers (of the same version). This improves first startup time, and displays download progress in the new progress bar. For Windows clients, this new managed cache is located at: **%tmp%\com.hp.acm.swing.container.cache.**

Improved SiteScope Failover/High Availability Solution

- The SiteScope Failover (automated mirroring) solution was reinstated as a replacement for the SiteScope Failover Manager solution (shared drive architecture) which was introduced in SiteScope 11.00. While Failover Manager is supported for this release, we might stop supporting it in the future. If you are using the Failover Manager solution, we recommend that you evaluate a move to the SiteScope Failover solution.

- The improved SiteScope Failover solution provides the following benefits and changes:

  - Easy to install and configure, and it does not require additional hardware (you do not need a network drive to store SiteScope configuration data).

  - Atomic mirroring operations. Mirror operations interrupted by network or system failure before they complete are automatically rolled back.

  - Mirror operations complete faster.

  - Mirror operations can occur based on a predefined schedule.

  - Configuration is performed through the SiteScope Failover user interface.

  - Daily log file and *.dyn file changes on an active failover SiteScope machine are automatically back synchronized to the primary SiteScope when it becomes active.

- LW-SSO authentication strategy is now required for failover SiteScope.

For more information, see the HP SiteScope Failover Guide.

SiteScope Installation Changes

- SiteScope can execute as a 32-bit or 64-bit application as supported by the platform. When using the standard installation programs (**HPSiteScope_11.20_setup.exe** or **HPSiteScope_11.20_setup.bin**) SiteScope is automatically installed as a 32-bit application on 32-bit operating systems or as a 64-bit application on 64-bit operating systems.
- On Windows, since not all monitors are supported by the SiteScope 64-bit version, you can install the 32-bit version of SiteScope on a 64-bit platform by running the **HPSiteScope32on64_11.20_setup.exe**.

Supported Environments

- Added support for Microsoft Windows Server 2008 R2 Standard Edition.
- Added support for CentOS 6.2 and for HP Cloud Services instances running on a CentOS 6.2 operating system.
- Running SiteScope on a Solaris platform is now deprecated. The next release is not planned to include a Solaris Installer.
- Running SiteScope on a Red Hat ES/AS Linux 4.x platform is no longer supported.

We appreciate your feedback!

If you have comments about this document, you can contact the documentation team by email. If an email client is configured on this system, click the link above and an email window opens with the following information in the subject line:

Feedback on SiteScope What's New (SiteScope 11.23)

Just add your feedback to the email and click send.

If no email client is available, copy the information above to a new message in a web mail client, and send your feedback to SW-Doc@hp.com.