



What's new in HP SiteScope.

Making agentless monitoring easier and more effective than ever before

Thousands of IT organizations like yours depend on the market-leading agentless functionality of HP SiteScope software to monitor distributed IT infrastructures and enable high levels of performance and availability. But just as your infrastructure monitoring challenges continue to evolve, so does HP SiteScope. Now HP SiteScope capabilities have been significantly extended to better support your physical and virtual environments.

Some things never change—and that's a good thing.

HP SiteScope is still the premier agentless solution for monitoring the availability and performance of distributed IT infrastructure elements—including servers, operating systems, network and Internet services, applications, and application components. It still complements existing agent-based monitoring solutions with pioneering agentless capabilities. And it still helps you lower your total cost of ownership—with painless installation, simple customization, efficient maintenance, automated corrective action and easy-to-use solution templates that include specialized monitors, default metrics, proactive tests and proven best practices.

In fact, the only thing that's changed with HP SiteScope is that it's now easier to use and even more powerful than before. This helps you improve IT efficiencies and expand your monitoring efforts.

Enhancements that enhance the value of IT

From flexible new template options and easier administration to server-level reporting and support for virtualization, the enhanced features and functionality available in the new HP SiteScope are designed with your IT organization in mind. User interface improvements make navigation a snap while enhanced alerts make it easier for you to stay on top of your monitoring responsibilities. In the end, you're able to increase IT availability and performance with greater efficiency and effectiveness than ever before.

Let's take a look at what's new.

Better baseline management

Establishing effective baselines for monitoring activities is a constant challenge for IT groups everywhere. A large part of the challenge is accounting for fluctuating demand. How do you strike the right balance between user performance demands and the need to conserve resources? The new HP SiteScope helps you strike this balance with improved baseline management functionality. Now you can decrease false alerts, customize allowable deviations and establish separate thresholds to address usage based on demand or the time of day. You can also nearly continuously update thresholds based on previous performance data.

A calculation wizard allows you to create baselines and schedule specific thresholds based on time period or date. You can use advanced options to quickly define adherence levels (high, medium and low) that determine how closely a threshold should be bound to a calculated baseline. You can also establish boundary conditions based on dynamic calculations to determine the appropriate direction of change and the allowable minimum and maximum values.

Once you calculate your baseline, you can run the review and analysis wizard to test your configuration against actual performance conditions. This wizard lets you view the errors and warnings that would have been reduced by the calculated baseline if enabled over a defined period in the past. Best of all, you can view graphs that show the actual data points for each metric along with the current threshold and the new threshold. This enables you to directly compare your calculated baseline with current threshold settings to determine potential performance improvements.

Virtual environment support

HP SiteScope already supports the monitoring of individual virtual machines hosted by the VMware ESX 3.5. Now, with the new HP SiteScope, you can monitor the VMware ESX itself via standard performance application programming interfaces (APIs) exposed by VMware. This gives you greater insight into the overall health and performance of an IT element that plays the central role in managing your virtual environment. Furthermore, the combined ability to monitor specific virtual machines and the VMware ESX that supports them helps increase your monitoring accuracy and your ability to troubleshoot problems. This monitor also supports activities such as resource pool monitoring as well as VMotion technology.

Server-based reporting

Traditionally, HP SiteScope reports have focused on specific metrics associated with a set of deployed monitors. For example, you can view graphs that provide details on CPU utilization across multiple servers. This is useful information but sometimes you also want data on multiple metrics in the context of a single server. This is why the new HP SiteScope supports server-based reporting. Now you can collect multiple pre-selected metrics from a specific server and combine them into a single graph—giving you quick access to key performance monitoring data for any server in your environment.

One of the key benefits of server-based reporting is the ability to drill down into reports to troubleshoot server-related issues. For example, you can show a server's top five processes by memory and CPU utilization for any point in time simply by clicking the desired data point in the server-level report. This gives insight into a server's overall performance and helps to enable higher levels of overall IT availability.

Easier administration with templates

HP SiteScope has frequently supported the ability to create and publish reusable templates—allowing you to set up and deploy multiple IT elements with similar monitoring configuration criteria. Now, the new HP SiteScope includes a publish template wizard that makes this process easier. This wizard enables you to maintain the linkage between the template you create and the IT elements you monitor—even after those elements are deployed. What does this mean for you? It means you now have the ability to rapidly update your monitoring environment across the entire enterprise—without the need for extensive manual updates.

Let's assume you use a template to monitor hundreds of servers running Windows® 2003. When it comes time to update the error threshold for each CPU on each server, for example, the new HP SiteScope enables you to get the job done in rapid fashion. In the past, implementing such a change required hours of work executing global search and replace operations across all deployed servers. Today, with the new publish template wizard, only two steps are required. First, you update the template itself with the required changes. Second, you run the publish template wizard to apply the updates to the applicable servers. This saves your IT staff significant amounts of time that can be redirected to focus on higher value activities.

Integrated credential management

Proper management of log-on credentials is a critical part of the agentless monitoring process. When you're monitoring hundreds or thousands of different servers across a complex distributed IT environment, manual approaches not only waste time and resources, they also increase security risks and the potential for error. Automation is a must.

This is why the new HP SiteScope includes credential management functionality that allows you to set a common variable or preference for servers that share the same user name/password access. When the password or user name needs to be updated, simply update the preference and the new log-on credentials are automatically applied to the applicable servers. This saves you time and reduces monitoring outages due to lockouts.

Automated deployment with XML

The new HP SiteScope allows you to bypass the user interface and deploy templates automatically using Extensible Markup Language (XML). Now you can take any existing template and create an XML file containing template and host definitions and store it in a target directory on the HP SiteScope server. This feature allows third-party systems to automatically deploy monitors for new servers without manual intervention. It also saves your IT organization time and money because it enables you to introduce a large number of monitors in a single operation.

Choosing the right balance of agentless and agent-based monitoring

By combining agentless and agent-based solutions, you can get the breadth and depth you require to manage the performance and availability of your environment. Agentless HP SiteScope and agent-based HP Operations Manager software automate the performance and availability monitoring of enterprise systems, providing visibility into the condition and performance of servers, applications and networks. Both feed into a consolidated dashboard to improve IT efficiencies and reduce event noise. HP SiteScope can also serve as an ideal starting solution for mid-market customers by lowering maintenance costs and easing deployment.

Why HP Software?

- **Market leadership**—HP is the proven market leader for availability and performance management. HP is documented as one of the leading vendors by market share and recognized by analysts as a leader in completeness of solution, vision and the ability to execute.
- **Proven successes**—Thousands of customer environments worldwide have deployed HP SiteScope to meet their agentless monitoring needs.
- **Broad range of support**—HP SiteScope supports more than 75 physical and virtual environments and has 25 solution templates to get you started quickly.
- **Complementary agentless and agent-based solution**—HP SiteScope and HP Operations Manager provide an integrated agentless and agent-based infrastructure monitoring solution.

Find out more.

To learn more about how the new HP SiteScope can help your organization increase its monitoring effectiveness and deliver greater value to the business it serves, contact your HP representative today or visit us online at www.hp.com/go/software.

New solution templates

New solution templates supported by the new HP SiteScope include:

- Microsoft® .NET
- Microsoft Active Directory
- Microsoft Exchange 5.5, 2000, 2003, 2007
- Microsoft IIS 6.0
- Microsoft SQL Server 2005
- JBOSS AS 4.0
- Operating Systems (AIX, Linux, Solaris™, Windows)
- Oracle® Database
- SAP
- Siebel
- BEA WebLogic 9.x, 10.x
- IBM WebSphere Application Server 5.x, 6.x

Newly supported environments

In addition to the environments previously supported, HP SiteScope also supports the following:

- VMware Virtual Center 2.x
- VMware ESX 3.x
- Microsoft Windows 64-bit Editions
- Citrix Presentation Server 3.5 and 4.0
- Microsoft IIS 6.0
- Microsoft Exchange 2007
- Microsoft SQL Server 2005
- JBOSS AS 4.0
- Siebel 8.0
- WebLogic 9.x, 10.x

To learn more, visit www.hp.com/go/software

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