



HPE NonStop Operations Management Bundle

The management of NonStop servers is an important component of application availability. The HPE Operations Management Bundle for NonStop servers is a suite of operations software products that enables you to manage NonStop servers with ease.

The products from HPE NonStop Operations Management Bundle provide a wide range of extensive monitoring capabilities for NonStop servers. They include graphical presentation of system status through powerful graphics and events, an automated goal and action capability, a powerful command and control environment, and the mobility and flexibility offered through a smartphone application. The suite includes:

- HPE NonStop Availability, Stats, and Performance (ASAP)—powerful availability monitoring software with built-in goal and automated action capabilities
- HPE Web ViewPoint—flexible operator interface software
- HPE Web ViewPoint ASAP plug-in—software to access ASAP data and manageability features
- HPE Pocket ViewPoint—mobile system management software

Implementation of these software products provides proactive system management, improved response time, and nearly continuous operations for any NonStop server.

Key features and benefits

- Monitors availability and performance of 37 entities and over 2000 data attributes
- Analyzes, displays, and generates EMS alerts on over 2000 key attributes
- Allows simplified monitoring and reporting via graphical user interfaces
- Maintains high availability for full-function goals and actions automatically
- Specifies goals and actions via simple goals, or Boolean expressions, or associations with low, medium, and high escalation alerts
- Maintains long-term historical database automatically

- Provides long-term historical reporting on object availability, stats, and performance
- Monitors real-time EMS events from one or more EMS collectors running on one or more NonStop systems and views all events in one window or multiple windows side by side
- Configures the system to support multiple systems and particular collectors to achieve a single-point interface to EMS messages
- Provides Web-based EMS monitoring and display
- Offers Web-based management of NonStop server subsystems and user applications in an automated and customizable way, with improved security features
- Delivers Web-based monitoring and graphing of performance attributes and trends
- Provides flexible Web access with advanced security features
- Offers mobile EMS event monitoring
- Delivers mobile monitoring with advanced security from a smartphone browser.
- Monitors and controls remote NonStop via iPhone®, Android phone, Windows® mobile phone, or BlackBerry
- Allows mobile CPU monitoring, process monitoring, and EMS event viewer

HPE NonStop ASAP

HPE NonStop ASAP provides a wide range of monitoring capabilities for NonStop servers, including monitoring thousands of data attributes and automated operations capabilities coupled with service-level objectives to reduce the need for hands-on operator actions for routine exception and recovery handling.

High-level features

- Online monitoring of system and application object status and performance
- Availability of service-level objectives monitoring
- Automatic alerts, reports, and actions whenever objectives are not met
- Interfaces to open enterprise management gateway
- Entity Definition Language (EDL) allows extensible definition of entity and attribute ASAP

This product provides many visualizations and different analysis capabilities of object state information about key NonStop server resources in your network, enabling you to identify and monitor critical conditions before they affect the user's service levels. In addition to online displays, information is written automatically to a database for historic archival, analysis, report generation, and EMS alerting.

Web ViewPoint software

Availability of system resources is paramount to the successful operation of a business enterprise. Nearly continuous and effective monitoring and management of software as well as hardware entities are essential to maintain availability. HPE Web ViewPoint software for NonStop servers is an integral tool for automated operation and management. In an access environment with enhanced security, this software provides three major subsystems:

- Event viewer
- Operation manager
- Performance monitor

Web ViewPoint is a Web browser-based product. No client application needs to be installed or maintained, and applications do not need to be coordinated across multiple workstations. This means that you can run the software on a variety of platforms and operating systems.

Web ViewPoint uses an extensible design that allows you to add independent extensions. This design enables you to integrate third-party and in-house customer applications easily with the software:

- Online monitoring of object status and performance
- Centralized view using a smart Web interface
- Integrated view with other HPE Web ViewPoint plug-ins

The Web ViewPoint operations management toolset allows you to monitor and manage a multinode NonStop server environment from a single point. Web ViewPoint simplifies the underlying NonStop operational toolset syntax requirements through easy-to-use, point-and-click command and control features. Whereas the performance monitor and event viewer describe the state of the NonStop server environment; operations management provides a variety of tools and an object manager allows you to take action quickly and easily, which helps apply specific commands.

Identifying and correcting operational and performance problems before they can have a negative impact on the overall systems environment is a critical requirement. Web ViewPoint combines extensive event monitoring capabilities, with light and active performance monitoring features, along with a set of practical and easy-to-use operations commands making it a great fit for operations and performance management.

Web ViewPoint takes care of all staging commands automatically in the background, leaving you free to focus on the operation task at hand. The software monitors movements and issues commands automatically to the host modules to stop, start, or restart and alter programs as needed. You can use either a single window or multiple windows side by side to manage the environment. Web ViewPoint is security smart and knows when additional security prompts are required.

HPE Web ViewPoint ASAP plug-in software

HPE Web ViewPoint ASAP plug-in integrates ASAP data and manageability features for access through Web ViewPoint for a uniform and powerful manageability interface to the NonStop server. NonStop ASAP software can be accessed from within the operations menu in the NonStop Web ViewPoint software package. With a single click, you can seamlessly access management features provided across NonStop ASAP and Web ViewPoint software.

HPE Pocket ViewPoint software

HPE Pocket ViewPoint is a smartphone browser-based software application designed to monitor a NonStop system. Pocket ViewPoint enables system administrators and supports staff to stay informed about the status of their NonStop systems at all times. There is no special software required on your smartphone to use Pocket ViewPoint. Install the application software on your NonStop server, configure the TCP/IP connection, and go. By using Pocket ViewPoint and proper security settings, users can access real-time performance and event data directly from their smartphones. This includes graphical display and drill down details on:

- Status of all CPUs
- Busiest processes

Pocket ViewPoint also provides operational and support functions such as:

- Process search
- Event viewing

Technical specifications

Hardware	HPE NonStop server running the HPE NonStop OS release version H06.10 onward, J06.03 onward, or L15.02 onward
Windows hardware	PC with minimum of 2 GB of RAM (3 GB or more is recommended)
Windows software	Windows 7, Windows 2008 R2 Server or later Microsoft® Internet Explorer 9, 10 or 11 Java Runtime Environment (JRE) 1.7.0_51 or later

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HPE Technology Services help build an infrastructure that is reliable, highly available, and rooted in best practices. We offer a support experience that is proactive, personalized, and simplified—delivering support when and how you need it.

Hewlett Packard Enterprise recommends the following services for HPE NonStop systems:

HPE Critical Service—high-performance reactive and proactive support designed to help minimize downtime. It offers an assigned support team, which includes an account support manager (ASM). This service offers access to the HPE Global NonStop Solution Center, 24x7 hardware and software support, six-hour call-to-repair commitment, enhanced parts inventory, and accelerated escalation management.

HPE Proactive 24—provides proactive and reactive support delivered under the direction of an ASM. It offers 24x7 hardware support with a 4-hour onsite response, 24x7 software support with a two-hour response, and flexible call submittal.

HPE Support Plus 24—provides reactive hardware and software support with remote problem diagnosis, 4-hour onsite response, and replacement parts.

HPE Installation and Startup Services—provides efficient and effective deployment of HPE NonStop systems.

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