

# HP Operations Management Bundle for NonStop servers

Data sheet

A management software suite for HP NonStop servers with simplified monitoring that puts you in control.

The management of HP NonStop servers is an important component of application availability. The HP Operations Management Bundle for NonStop servers is a suite of operations management software products that puts you in control. These products provide extensive monitoring of the NonStop server, the presentation of system status through events and graphics, an easy and powerful command and control environment, and the flexible mobility offered by the HP iPAQ Pocket PC. The suite includes

- HP Availability Stats and Performance (ASAP), powerful availability monitoring software
- HP Web ViewPoint, flexible operator interface software
- HP Pocket ViewPoint, mobile system management software

Implementation of these software products provides proactive system management, improved response time, and assurance of continuous operations for NonStop servers.

## Key features and benefits

- Online monitoring of object status and performance
- Alerting of down objects and performance bottlenecks
- Historical reporting of system object status and performance
- Simplified monitoring using a graphical user interface
- Availability objectives monitoring
- Web-based Event Management Service event monitoring and display
- Web-based managing of NonStop server subsystems and user applications in a secure, automated, and customizable way
- Web-based monitoring and graphing of performance attributes and trends
- Flexible and secure Web access
- Mobile EMS event monitoring
- Mobile TACL interface
- Mobile trend analyzer
- Mobile EMS event query

## ASAP software

HP Availability Stats and Performance (ASAP) software monitors the status and performance of a whole network of NonStop servers. ASAP software was developed to provide a uniquely integrated, extensible infrastructure for monitoring the availability and performance of system and application objects. It integrates both availability and performance information to form normalized availability vectors for monitored domains and associated properties. Information that is integrated includes operational status, performance, and availability objectives for NonStop systems, subsystems, and abstract application domains.

ASAP software includes a database that encapsulates both statistical and service-level objective information. Statistical information includes availability, statistics, and performance data. Objectives information comprises user specifications about which objects should be monitored and the service-level objectives for monitored objects.

With ASAP software, you can monitor the object status and performance of all key system resources on a networkwide basis. The ASAP Client is designed to operate on workstations running Microsoft® Windows® operating systems. The ASAP Server runs on NonStop servers. The companion product, HP Availability Stats and Performance Extension (ASAPX) software, provides an application program interface (API) that allows you to monitor the availability and performance of your application domains. The API allows application domain statistics to become fully integrated with ASAP client/server functions.

ASAP software provides object state reporting as well as detailed performance information for critical resources such as applications, CPUs, disks, HP Expand line handlers, files, subvolumes, processes, HP NonStop Remote Database Facility (NonStop RDF) software, spoolers, systems, tape drives, and HP NonStop Transaction Management Facility (NonStop TMF) software.

The ASAP Client displays statistics about all of these key NonStop server resources in your network, enabling you to identify and monitor critical conditions before they affect user levels. In addition to online displays, information is written automatically to a database for historic archival, analysis, and report generation.

The ASAP product also visually alerts you to degraded state and performance utilization levels throughout your network when conditions exceed user-defined thresholds. The graphical interface, pull-down menus, and context-sensitive help text make ASAP software easy to use. It increases operator productivity by presenting a consolidated picture of both application and system object status and performance data in easy-to-read graphics.

## **Web ViewPoint software**

Availability of system resources is paramount to the successful operation of a business enterprise. Continuous and effective monitoring and management of software and hardware entities are essential to maintaining availability. HP Web ViewPoint software for NonStop servers is an integral tool for automated operation and management. In a secured access environment, this software provides three major subsystems:

- Event viewer
- Operation manager
- Performance monitor

You can install Web ViewPoint software on one NonStop server and monitor all other NonStop servers on an Expand network. As an alternative, you can run copies of the software independently on multiple NonStop servers.

Web ViewPoint software 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 Web ViewPoint software on a variety of platforms and operating systems.

## **Pocket ViewPoint software**

Leaving your desk no longer has to mean walking away from critical NonStop server system information. HP Pocket ViewPoint software makes portable the task of monitoring a cluster of NonStop servers. You can now have access to important current information about your NonStop servers, anytime, anywhere. A simplified command interface is also integrated into Pocket ViewPoint software, enabling users to not only monitor NonStop servers but also take corrective actions and make detail inquiries.

Pocket ViewPoint software is connection independent and functions as long as you can establish a TCP/IP connection to your NonStop server. Pocket ViewPoint software can also use the 802.11b Wireless Fidelity (Wi-Fi) standard. This flexibility provides users with a choice of connection, whether Wi-Fi, cellular, or even a cradle-resting personal digital assistant (PDA). Pocket ViewPoint software runs under the Microsoft Windows for Pocket PC operating system and utilizes wireless iPAQ Pocket PC models.

When connecting the Pocket ViewPoint product, user access passwords are masked and encrypted in transmission. Users also have the option of utilizing industry-standard transmission security mechanisms such as the Wired Equivalent Privacy (WEP) protocol.

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## Ordering information

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Product ID	Description
SA29v2	Operations Management Bundle

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## Technical specifications

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Hardware	Any NonStop server
Software	IBM compatible computer (200-MHz Intel® Pentium® processor or higher) configured with a minimum of 64 MB of memory and 20 MB of disk space NonStop Kernel operating system Release Version D42 or later Microsoft Windows 95, Windows 98, Windows Me, Windows NT® 4.0, Windows 2000, or Windows XP Microsoft Internet Explorer 5.5 or later TCP/IP

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05/2004

