



hp insight software

Insight software, a component of the HP Performance Management Bundle for NonStop servers, provides expert analysis of complex performance problems.

features at a glance

- Graphical representation of key system components and their performance
- Rapid completion of system performance audits
- Automated in-depth analysis of potential system problem areas

HP Insight software, when used with HP Open Database (ODB) and Insight Knowledge Database (which comes with Insight software), helps performance analysts quickly and easily identify current or potential problems with HP NonStop server performance. Insight software and ODB are both components of the HP Performance Management Bundle. Using the Performance Management Console (PMC) function of ODB, users can schedule, collect, retrieve, and load system, disk, and file metrics into ODB on a workstation. ODB is the source of data for analysis by Insight, which is itself a Microsoft® Windows operating system–based client application.

graphical representation of key system components and their performance

Insight software shows the location and performance of key system components as easy-to-read graphs. System information is combined into integrated graphical displays that give analysts the information they need to assess the performance of their NonStop servers. Analysis features help users quickly and easily find performance anomalies related to poorly configured systems and stressed system components.



rapid completion of system performance audits

The Performance Expert feature of Insight helps both novice and experienced performance analysts. Novice users will find helpful definitions and analysis techniques to guide them through an audit, and experienced analysts will appreciate having complex analysis functions completed with the click of a button. Insight's access to more than 500 performance counters, four levels of alerts, and flexible display options help users analyze system configuration, application configuration, memory usage, and workload balance.



automated in-depth analysis of potential system problem areas

Insight software automates the process of analyzing several key system performance variables: server response times, processor balance, execution priorities, transients, and process control block (PCB) usage.

From a high-level graph summarizing an aspect of system performance, analysts can select a component of the graph to get progressively more detailed information.

For each graphic, Insight software provides a companion table that shows the graphed data and additional detailed information.

server response-time analysis

Insight software computes the response times for single-thread application programs. Analysts can identify processes with performance problems and isolate the reasons for poor performance.

processor balance analysis

Processor profiles help performance analysts determine whether the processor utilization is balanced at each service level and identify the affected processes.

execution priority analysis

Insight software analyzes assigned and effective process execution priorities, making it easy to detect performance issues related to abnormal priority settings and unbalanced workload.

transient analysis

Using Insight software, performance analysts can determine the time and reasons for transient surges on the system. The software identifies the extent and sources of transient process activity.

PCB usage analysis

Insight software provides information about the usage of low and high PIN PCBs over time. Detailed information is available to help resolve PCB-related problems.

ordering information

product ID	description
SJ49v4	Insight software

specifications

system requirements	
Hardware	PC with Intel Pentium® processor (or later version) with 128 megabytes of RAM and a 32-megabyte disk
PC software	Windows Me, 2000, or XP, or Windows NT 4.0 operating system; and Open Database (SJ47v4)
Host software	Either the Performance Management Bundle Host (SA30), or Measure (9086) and Tandem Performance Data Collector (SJ42)



For more information, go to www.hp.com/go/nonstop.

February 2003, first published 2001. Microsoft, Windows and Windows NT are U.S. registered trademarks of Microsoft Corporation. Intel and Pentium are U.S. registered trademarks of Intel Corporation. All other product names mentioned herein may be trademarks of their respective companies. HP shall not be liable for technical or editorial errors or omissions contained herein. The information is subject to change without notice. The warranties for HP products are set forth in the express limited warranty statements accompanying such products. Nothing herein should be construed as constituting an additional warranty.

5981-4577EN

©2003 Hewlett-Packard Development Company, L.P.