

Server Performance Manager, IP Performance Manager, and IP Availability Manager combine realtime device fault management and end-to-end performance management across connected devices, delivering the unparalleled ability to manage the service delivery environment automatically and proactively.

An example of Server Performance Manager monitoring and analysis

Server Performance Manager reports two types of notifications—faults and exceptions—and uses the detection of faults to diagnose exceptions. You can drill down on an exception notification to view the details about the faults that were used to diagnose the problem.

For example, Server Performance Manager generates a Resource Exception notification to indicate that a server has exhausted most of its processor or memory resources. When you receive a Resource Exception notification, you can drill down to view which of the following faults has been detected:

- High utilization of the processor
- Disk operationally down
- High utilization of the file system
- Insufficient free memory

Server Performance Manager generates a single exception of a given type per system, regardless of the number of faults that exist.

Business features

- Gathers and analyzes server performance information in real time
- Pinpoints performance problems before servers fail
- Adapts automatically to network changes, eliminating the need for manual reconfiguration of polling policies
- Monitors host/server resources, including disk, file system, processor, and memory
- Works with EMC Smarts Business Impact Manager to reveal the impact of server events on services and customers

Technical specifications

System requirements: EMC Ionix (formerly Smarts) 6.2

Operating systems supported: Solaris 8 and 9; HP-UX 11.00 and 11.11; Windows 2000 Server and 2003 Server; and Red Hat Linux Advanced Server ES, AS, and WS 2.1

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EMC Corporation
Hopkinton
Massachusetts
01748-9103
1-508-435-1000
In North America 1-866-464-7381
www.EMC.com

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