IT organizations face the same challenges – leverage existing investments while building an integrated environment to accomplish more at a higher rate of speed with increased capacity but with a limited number of resources. Many companies have implemented Simple Network Management Protocol– (SNMP-) based frameworks that allow the organization to manage larger amounts of system resources with fewer personnel. These organizations need to build bridges with existing framework environments to achieve streamlined business processes, ensure maximum data availability for mission-critical environments and increase the ROI for existing investments.

**VERITAS SNMP Extension** offers SNMP-based enterprise framework integration and intelligent proactive event management for VERITAS data availability applications. It enables centralized frameworks to monitor, control and configure your mission-critical VERITAS environment. Even without frameworks, SNMP Extension intelligently monitors the VERITAS environment and notifies system administrators of failures, whether hardware or software, and can automatically take corrective actions to resolve the problem. Using the SNMP Extension, customers achieve enterprise-level data availability management, proactive event management and streamlined business process.

**Seamless SNMP integration with enterprise management frameworks**

The SNMP Extension seamlessly bridges between VERITAS products and popular SNMP framework software. It leverages the capacity of enterprise framework software, training of their human resource and existing operating procedures with VERITAS products. Organizations, therefore, increase the return on their investment in framework software and increase their efficiency through integrated framework environment and streamlined business processes.

Centralized administration of data availability resources is often a key element of creating a mission-critical environment for the enterprise customer. The SNMP Extension enables organizations to standardize enterprise-level monitoring, messaging and control. Enterprises and service providers benefit from reduced total cost of ownership.

**Intelligent and proactive event management**

SNMP Extension provides automated monitoring, detection and correction that improve efficiency and reduce administrative costs. SNMP Extension improves responsiveness through proactive error handling. It enhances data availability through automated and intelligent event management for VERITAS software products.

- **Monitoring** — The SNMP Extension prevents disruption through continuous monitoring and regular system health checks, thus ensuring maximum data availability for critical environments.
It automates repeatable and time-consuming monitoring tasks, creating efficiency for your staff.

- **Detection** — Immediate notification upon error detection allows system administrators to use their time more efficiently and attend to errors and messages before they become larger problems. SNMP Extension alerts data management administrators who can address and correct problems, increasing the availability of mission-critical data. Enterprises can increase productivity by saving diagnosis time and improved issue resolution.

- **Correction** — Failure prediction through the SNMP Extension’s automated error detection enables automatic policy-based action. This proactive action shortens recovery time and maximizes system availability. Organizations that use the SNMP Extension get timely and accurate diagnosis of the error events, as well as recommended solutions based on the knowledge and experience from VERITAS and automated error correction.

**Inside knowledge of VERITAS software products**

In organizations where VERITAS software enables the availability of critical systems, SNMP Extension brings intelligent, automated and active monitoring with the added benefit of integrating the VERITAS environment with industry-leading SNMP-based frameworks. Designed with inside expertise, SNMP Extension employs the full power of VERITAS solutions, providing customers with constant data availability. VERITAS has already identified the most critical and most frequent events that an IT staff would experience. SNMP Extension contains hundreds of predefined events covering VERITAS NetBackup™, VERITAS Cluster Server™, VERITAS Volume Manager™ and VERITAS File System™.

SNMP Extension is an essential component to enable service providers to deliver uninterrupted data availability support services using VERITAS software products with remote monitoring, configuration, tracking and reporting infrastructure.

Through built-in expertise and intelligent automation, the SNMP Extension assures the efficiency of your organization and maximizes data availability for your enterprise.

You can optimize your entire VERITAS environment by using the best-practices knowledge and experience of VERITAS Consulting, the advanced knowledge transfer acquired through VERITAS Education Services and the comprehensive and customizable support services of VERITAS Vsupport™.

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**System Requirements**

**Operating Systems**
- Solaris v2.x
- HP-UX v11 and later
- Windows NT v4.0 and Windows 2000

**VERITAS Software**
- VERITAS Cluster Server v1.x and later
- VERITAS NetBackup v3.x and later
- VERITAS File System v3.2.4 and later
- VERITAS Volume Manager v2.5.4 and later

**SNMP Frameworks**
- HP OpenView v4.0 and later
- HP ITO v4.0 and later
- VERITAS NerveCenter
- IBM NetView v5.1 and later
- Micromuse NetCool
- CA Unicenter
- IBM/Tivoli Global Enterprise Manager
- BMC Patrol

SNMP Extension works with all enterprise frameworks that support SNMP.

SNMP Extension is offered as a turnkey solution. If your application of SNMP Extension requires customization, VERITAS Consulting Services enables you to have SNMP Extension capabilities in your specific environment.

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**About VERITAS®:** For enterprises that demand continuous availability of business-critical information, VERITAS is the leading enterprise-class application storage management software provider. Unlike other types of storage management vendors who offer proprietary hardware-centric solutions, or limited product offerings, VERITAS provides leading, comprehensive, enterprise-class application storage management solutions that ensure information availability, enabling customers to protect, access, and manage their business-critical information.