

IBM Tivoli Enterprise Console

Highlights

- ***Automatic problem diagnosis through intelligent, multilayer event correlation (far beyond simple event filtering)***
- ***Broad coverage of your IT infrastructure (including networks, servers, applications and security) consolidates critical information in one place***
- ***Fast time to value with autodiscovery of network devices and out-of-the-box processing of network and security events***
- ***Integrated network management and diagnostics streamline support***
- ***Automated event notification and response with robust security features***

Take control of your distributed environment

IBM® Tivoli Enterprise Console® forms the hub of Tivoli® performance and availability management solutions. Designed specifically to help improve availability and reduce support costs in enterprise computing environments, Tivoli Enterprise Console consolidates and processes the thousands of events that occur daily from network devices, hardware systems, middle-ware and applications.

Tivoli Enterprise Console can perform intelligent, multilevel analysis and correlation to filter out misleading or redundant events, highlight the essential information and guide your support staff to the root cause of each problem quickly and accurately. It can even perform responses automatically in many cases. Of the important events that reach the console, customizable displays show your operators only the events relevant to their jobs, helping them zero in on

the most critical events and allowing them to manage even the largest, most complex environments.

IBM is believed to be the first company in the industry to tie comprehensive management of systems, networks and security together in a single product. Tivoli Enterprise Console now includes award-winning network management, helping operators track and resolve problems down to the network layers, and enterprisewide security management, automatically filtering and analyzing security events to detect threats.

Comprehensive event integration

Tivoli Enterprise Console collects, correlates and automatically responds to a full range of enterprise management events to help maintain high availability of your business-critical applications. It offers integration with Tivoli management applications and certified Tivoli Partner applications. Events from systems and applications

that are not currently managed by Tivoli software can be integrated into Tivoli Enterprise Console, giving you high visibility and control.

From a single screen on your desktop, Tivoli Enterprise Console can provide a complete mission-control view of the health of your distributed environment. It can be customized to display only the specific events relevant to each operator's job, providing a clear picture for each operator. You can group events by business service such as order entry and billing, by event source such as databases and servers, or by location. Tivoli Enterprise Console can be adapted to how you manage your business.

Intelligent, multilevel event correlation

Event processing and correlation are performed by targeted correlation technologies distributed throughout your environment to deliver exactly the information you need, where you need it—without anything distracting or misleading to slow you down. Dynamic

network dependency correlation can detect failures out of the box, fast filtering throughout your environment helps avoid event storms and wasted bandwidth, and rule-based correlation delivers sophisticated event analysis and pattern matching to help pinpoint the root causes of problems. One large European bank used this layered correlation to reduce 300,000 events per day throughout their environment to 30 pertinent events on their console.

This correlation can be critical when problems within one management domain, such as the network, have ramifications across other domains, such as systems, databases and applications. In such situations, simple event-filtering products might still confront operators with a dizzying overload of event data that they must sort through manually to diagnose the underlying problem. Determining the underlying causes of problems automatically can be all the more critical when corrective actions and notification are themselves automated,

because without this ability the corrective actions and notification might be inappropriate and misdirected.

Secure, automated event notification and response

Tivoli Enterprise Console can act on events with automatic or operator-initiated responses. It includes various automations that can be extended as needed and performed on either the Tivoli Enterprise Console server or a remote server in the environment—even on multiple systems simultaneously. For example, a billing application with several components spanning several systems and locations might require a defined shutdown or restart sequence; the Tivoli Enterprise Console automation engine lets you accomplish these distributed, sequential tasks automatically and track progress along the way.

Tivoli Enterprise Console can automatically escalate problems and notify an operator to perform further diagnosis or response. Operators can

be authorized to perform specific operations that exceed their normal authorization (such as restarting a system), allowing them to respond to problems quickly and effectively while still maintaining control over their overall authority. Role-based delegation of responsibility lets your support staff concentrate on their individual responsibilities for an efficient use of resources.

Integrated network management and diagnostics, even across overlapping IP domains

Tivoli Enterprise Console now includes the proven, award-winning network management of IBM Tivoli NetView®, a comprehensive, scalable, distributed network management solution that helps manage mission-critical networks by rapidly detecting, diagnosing and resolving network problems. It can automatically discover TCP/IP network devices, display network topologies, correlate and manage SNMP traps and gather performance data for the monitoring and maintenance of network health.

Through the integration of these capabilities into Tivoli Enterprise Console, apparent application and server problems can be tracked automatically to possible underlying network failures, and operators can quickly drill down to network topology and diagnostics to analyze a developing problem. Problems can be diagnosed and resolved quickly and efficiently based on a comprehensive, accurate understanding of the whole system.

Tivoli Enterprise Console also includes the unique Tivoli Comprehensive Network Address Translator to help provide seamless management of overlapping IP domains in your environment. Overlapping IP domains often result from mergers or simply running out of IP addresses, and although these domains can be accessed through Network Address Translator routers, they typically cannot be managed with the rest of the network unless they are re-mapped to eliminate the overlapping addresses. Tivoli Comprehensive Network Address

Translator is believed to be the only product available that allows integrated management of your network without reassigning network addresses.

Security management now included

Tivoli Enterprise Console now includes IBM Tivoli Risk Manager for monitoring and managing your firewalls and “demilitarized zone.” A comprehensive enterprise security solution, Tivoli Risk Manager can automatically analyze information from security devices throughout your environment to help pinpoint threats and areas of concern. Tivoli Enterprise Console 3.8 gives you a limited license to the full Tivoli Risk Manager product, not a stripped-down trial version.

To learn more

For information on Tivoli Enterprise Console and integrated solutions from IBM, contact your IBM sales representative or visit **info.tivoli.com/availability**

Tivoli Enterprise Console



Supported platforms

- IBM AIX®
- Microsoft® Windows NT®
- Microsoft Windows® 2000
- Sun™ Solaris™
- Hewlett-Packard HP-UX
- Red Hat Linux®
- SuSE Linux (including Linux for S/390®)
- Turbo Linux

Integrates with these products

- Tivoli NetView
- UNIX® Log Files
- Windows NT Logs
- Windows 2000 Logs
- SNMP
- HP OpenView
- IBM AS/400®
- IBM OS/2 WARP®
- Novell NetWare
- Compaq Tru64
- IBM Tivoli NetView for OS/390®
- Reliant UNIX
- SCO UnixWare
- Sequent/Dynix
- IBM z/OS™/USS

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