

RoboMon NT/2000 - Backup Exec Intelligent Solution Set

Automated management for Veritas's Backup Exec™

Manage Any Backup Exec Environment Better

RoboMon's Backup Exec Intelligent Solution Set provides easily configurable proactive monitoring and problem solving for any size enterprise using the Veritas Backup Exec network backup solution. This provides increased reliability and efficiency for the protection of eBusiness mission critical data. RoboMon's automated, out-of-the-box Backup Exec Intelligent Solution Set operates through an integrated set of rules that detect and correct problems before your backup and recovery processes experience failures or slowdowns. It monitors all aspects of Backup Exec availability and performance, including:

- Basic operations, such as whether the Backup Exec services are running,
- Performance criteria, such as use of system resources, and
- Success and efficiency of backup operations.

RoboMon can diagnose and correct problems on the spot and email IT staff, or bring them to your attention at a central monitoring location.

Key Benefits

- Works out of the box, with no setup time
- Detects problems automatically, focuses your staff's time on the issues you target
- Allows centralized monitoring of remote systems
- May be precisely customized for each environment
- Provides intuitive, graphical interface for management and customization
- Integrates with RoboMon's enterprise-wide total eBusiness infrastructure management solution (see below)



What RoboMon's Backup Exec Intelligent Solution Set Monitors

RoboMon's Backup Exec Intelligent Solution Set provides comprehensive monitoring and management of running Backup Exec systems. Specific rules are designed to:

- Monitor the Backup Exec processes use of system resources
- Monitor the state of Backup Exec services and optionally restart them
- Report percentage of objects that Backup Exec has determined to be corrupt or infected with viruses or has been unable to verify
- Report the percentage of objects skipped because they are in use or could not be opened, enabling an administrator to reschedule or reconfigure backup jobs for optimal effectiveness and to minimize corruption of data
- Report the number of Backup Exec jobs that have failed or been aborted
- Scan the most recent Backup Exec logs on completion of backup operations, report errors and summarize log info, such the counts of warnings and critical errors

RoboMon NT/2000 Event Monitor

Robomon Event Monitor - All Events for RoboMon Event Database on \\ BASE

File Monitor View Event Detail Tools Help

Open problems for Enterprise

EventDateTime	Class	SubClass	Computer	!	RuleName
09/02/00 04:15:01 PM	BACKUP EXEC	JOBS	BACKUP2	⊗ !	FAILED_JOBS
09/02/00 04:00:10 PM	AUTOMATION	NETWORK	GLOBAL	⊗ !	UNREACHABLE_COMPU
09/02/00 04:00:10 PM	AUTOMATION	NETWORK	GLOBAL	⊗ !	UNREACHABLE_COMPU
09/02/00 03:55:01 PM	IIS	INTERNET SECUR...	GLOBAL	⊗ !	LOGON_FAILURE_ALERT
09/02/00 03:55:01 PM	IIS	INTERNET	STAGING	⊗ !	URL_UNREACHABLE

Updated severity 2 problem for computer BACKUP2 at 9/2/00 04:15:01 PM.
Generated by rule FAILED_JOBS of type JOBS in BACKUP EXEC.

Acknowledged by KAB at 9/2/00 04:26:39 PM.

During the last 15 minutes, RoboMon detected 2 failed Backup Exec jobs. The maximum acceptable number of failed jobs per interval, as defined in the RoboMon Solutions Manager, is 0 jobs. Correct whatever error condition caused the job to fail, and restart the job.

Ready 5 events 09/02/00 4:28:41 PM

What Rules Mean to You

RoboMon rules work out-of-the-box, with no tweaking, for any size Backup Exec configuration. In addition, each RoboMon rule may be completely customized, allowing precise control over threshold settings through the Solutions Manager, as well as actions to be taken, required notifications and alerts. RoboMon's intuitive, graphical Rule Designer allows you to tailor rules and create new rules without writing a single line of code. Customized rules may be deployed to individual machines, domains or throughout the enterprise, via simple, efficient, drag & drop operations in the RoboMon Enterprise Manager.

The Total RoboMon Solution

RoboMon for Windows NT/2000 is automated eBusiness infrastructure management software that detects and corrects complex application, system and network problems to ensure the highest levels of availability and performance.

RoboMon includes a suite of pre-defined rules, called Intelligent Solution Sets, that work out of the box to detect and correct problems with applications, systems and networks, including Windows NT/2000, Microsoft BackOffice, and SNMP-based network components.

RoboMon may be configured to notify staff of problems in real time, or to take corrective action independently and monitor the results for success. RoboMon's many notification options include paging, e-mail, SNMP trap, net send messages, and centralized event reporting through the Event Monitor, enabling it to integrate with and supplement your current staff notification practices.

Where RoboMon's Backup Exec Intelligent Solution Set Gets Its Data

- Win32 API
- Perfmon counters
- Backup Exec log files

RoboMon's Backup Exec Rules

Aborted_Jobs

Monitors the number of aborted Backup Exec jobs.

BackupExec_Log

Scans the most recent Backup Exec log for errors and forwards relevant entries to the RoboMon Event Monitor for viewing.

BackupExec_Process_Resources

Reports if Backup Exec processes are using significant resources.

BackupExec_Services

Monitors the state of the Backup Exec services and optionally restarts them.

Corrupt_Objects

Monitors the percentage of objects (files, Exchange objects, databases, etc.) being backed up that the Backup Exec engine reports as being corrupt.

Failed_Jobs

Monitors the number of failed Backup Exec jobs.

Failed_Object_Verification

Monitors the percentage of objects (files, Exchange objects, databases, etc.) being backed up that the Backup Exec engine was unable to verify.

Infected_Objects

Monitors the percentage of objects (files, Exchange objects, databases, etc.) being backed up that the Backup Exec engine's virus scan reports as being infected.

Restart_BackupExec_Services

When fired, this rule will automatically restart the Backup Exec services.

Skipped_Objects

Monitors the percentage of objects that were skipped due to being in use or an error opening the object.

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