

Nimsoft Monitor for Sybase ASE

Track All Vital Performance Data From a Single Console

Features

- Centralized views of all vital Sybase performance data.
- Granular capabilities for setting thresholds, polling schedules, and alarms.
- Powerful tools for managing multiple monitoring profiles.
- Intuitive installation and seamless integration.

Benefits

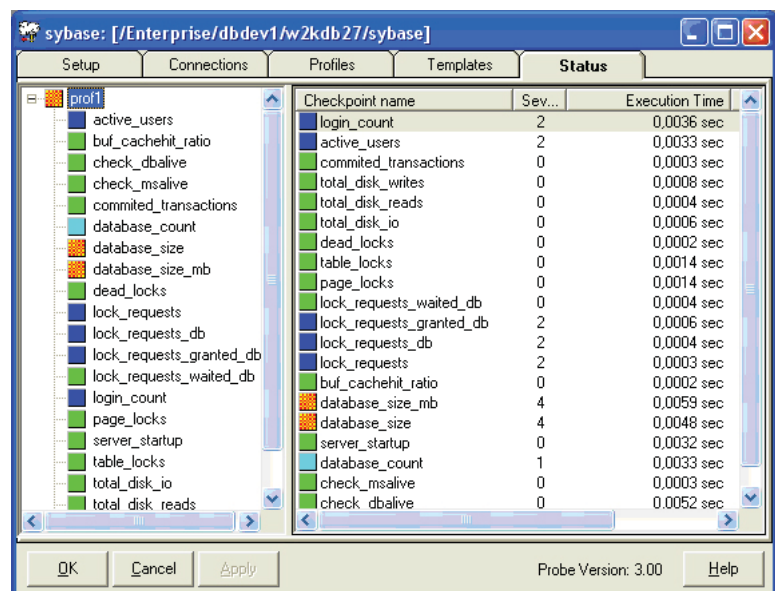
- **Improved performance and uptime.** Proactive monitoring and alerting accelerates identification of performance issues—enabling response before end user productivity is affected.
- **Enhanced resource optimization.** Centralized, cohesive view of performance delivers insights into opportunities for resource optimization.
- **SLA compliance.** Instant alerts and real-time dashboards notify service managers in advance of SLA compliance breaches.

Introduction

Organizations around the world rely on Sybase Adaptive Server Enterprise (ASE) to house, manage, and secure their most vital information assets. In these enterprises, the corporate database is the engine that keeps business moving. Simply put, if the database goes down, business stops. With so much at stake, how can IT organizations proactively and efficiently manage their Sybase ASE databases to ensure optimal performance and uptime?

The Solution

Nimsoft Monitor offers enterprises an efficient, comprehensive way to monitor, manage, and optimize the performance of their Sybase ASE databases. With Nimsoft Monitor for Sybase ASE, database administrators can be alerted to performance issues and quickly resolve those issues—before they affect users and the business. Nimsoft Monitor provides comprehensive monitoring of Sybase environments, and it is fully integrated with Nimsoft's service level management suite, enabling organizations to manage their entire infrastructure with a single solution.



Comprehensive Sybase Visibility

With Nimsoft Monitor, organizations gain a comprehensive view of their entire Sybase infrastructure, whether it is comprised of a single database instance on a single server, or multiple instances on a number of server clusters. A single Nimsoft Monitor probe can monitor both local and remote database servers, so administrators can effectively monitor any or all of their organization's Sybase servers, regardless of their location.

Because of Nimsoft Monitor's centralized view of all Sybase instances, and its sophisticated graphical user interface, administrators can quickly get a complete picture of the real-time status of the entire Sybase infrastructure, and they can instantly drill down to get complete details on any specific Sybase server and database instance.

Intuitive, Streamlined Configuration

Nimsoft Monitor features an intuitive user interface that makes initial configuration fast and efficient. Using this interface, administrators can quickly define which database servers and which database instances are to be monitored, and how they're to be monitored. The Nimsoft Monitor Sybase probe provides the ability to manage monitoring at a variety of levels:

- Checkpoints, which are mechanisms for gauging the health and performance of specific subsystems within the database instance.
- Monitoring profiles, which are custom definitions of groups of checkpoints to be monitored and

how they're to be monitored.

- Templates, which can be used to manage multiple profiles, so, for example, checkpoints can be defined globally, and every time a change is made to the template value, it will automatically be propagated across all profiles associated with the template.

Sophisticated Control of Monitoring Variables

Nimsoft Monitor monitors all required performance metrics within the Sybase environment, and puts users in complete control over which resources are monitored, when they're monitored, and how they're monitored. The Nimsoft Monitor solution offers these powerful management capabilities:

- **Granular threshold definition.** For each checkpoint being monitored, users can either leverage predefined thresholds or set specific thresholds using a range of criteria.
- **Flexible polling scheduling.** The Nimsoft Monitor Sybase monitoring solution offers complete control over when and how frequently checkpoints are monitored—providing controls based on scheduling (e.g. Monday – Friday between 12:00 and 2:00 and 3:00 and 5:00), or by exception (e.g. every day except Sundays). For each polling period, a poll can be carried out once, or on a range of intervals.
- **Integrated, customizable hints.** Nimsoft Monitor probes come with predefined hints that are associated with each alert that may occur. These hints provide information about how to address the specific issue that's arisen,

speeding resolution. Plus, these hints can easily be tailored to an organization's specific environment and resolution processes.

Delivering Actionable Information

The Nimsoft Monitor solution offers not only comprehensive monitoring, but the powerful alerting and reporting capabilities that enable administrators to turn detailed data into actionable information. Administrators can leverage dashboards, alarms, business level reports, and more to ensure they get the level of detail they need, when they need it.

System Requirements

Nimsoft Monitor can be integrated with any Sybase ASE database server that supports the OCS client interface.

Complete Checkpoint Monitoring

The Nimsoft Monitor Sybase monitoring solution can track and report on the following checkpoints:

- Active_users
- Buf_cachehit_ratio
- Check_dbalive
- Check_msalive
- Committed_transactions
- Database_count
- Database_size
- Database_size_mb
- Dead_locks
- Lock_requests
- Lock_requests_db
- Lock_requests_granted_db
- lock_requests_waited_db



Data Sheet

- login_count
- Page_locks
- Server_startup
- Table_locks
- Total_disk_io
- Total_disk_reads
- Total_disk_writes

Part of the Nimsoft Monitor Family

With Nimsoft Monitor solutions, enterprises and service providers gain a centralized, cohesive view of their entire infrastructure. Whether an IT organization wants to monitor a specific network element, or the entire infrastructure on which a mission-critical application is based—including the associated network elements, databases, application server, and more—they can do it all with the Nimsoft Monitor product suite.

In addition to the Nimsoft Monitor for Sybase Adaptive Server Enterprise Monitoring solution, the Nimsoft Monitor product family includes database solutions for DB/2, Informix, Oracle, and SQL Server. These are complemented by modules supporting Citrix, Exchange, Lotus Notes, SAP R/3, Weblogic, WebSphere, and other widely deployed applications; server platform solutions for Windows, UNIX, Linux, AS400/iSeries, and Novell Netware; and solutions for managing network infrastructure, including routers, switches, firewalls, and more.

About Nimsoft

Nimsoft provides integrated, modern IT management solutions for more than 1,000 enterprise and service provider customers globally, including 1&1, CDW, SoftLayer, Sur La Table, TriNet, and Virgin America. The company's Nimsoft Unified Manager is an industry-leading solution that helps organizations easily monitor and manage IT services in increasingly complex business environments. Nimsoft products integrate with existing solutions at any point from the data center to the cloud. For more information, visit www.nimsoft.com.

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