ORACLE DATA SHEET

SYSTEM MONITORING PLUG-IN FOR SYBASE® ADAPTIVE SERVER® ENTERPRISE

The Oracle Enterprise Manager System Monitoring Plug-in for Sybase Adaptive Server Enterprise (Sybase ASE) delivers comprehensive availability, performance and configuration information for Sybase ASE. By combining Sybase ASE monitoring with the richest and most comprehensive management of Oracle systems, Enterprise Manager significantly reduces the cost and complexity of managing IT environments that have a mix of Sybase ASE and Oracle technologies. Administrators running packaged and custom applications on top of Oracle systems and Sybase ASE can now centralize all of the monitoring information in the Enterprise Manager Console, model and view the complete topology of their applications, and perform comprehensive root cause analysis. Database administrators managing Oracle Databases and Sybase ASE can perform proactive monitoring and detailed configuration analysis for Sybase ASE, while consolidating all of the management information about their database environment in the Enterprise Manager Console.

Realize Immediate Value through Out-of-Box Availability and Performance Monitoring

The System Monitoring Plug-in for Sybase ASE automatically collects a comprehensive set of availability and performance metrics with pre-defined thresholds, immediately alerting administrators of any issues. This allows administrators to derive instant value, while giving them the flexibility to fine-tune thresholds according to their specific operational requirements. The plug-in provides non-stop monitoring of over 350 key metrics including Sybase ASE status, performance, I/O, cache, CPU statistics, locks and processes, alert log, database backups and jobs, space usage, users and roles.

In addition to real-time monitoring of performance metrics for Sybase ASE, Enterprise Manager also stores the monitoring information in the management repository, thereby enabling administrators to analyze performance through various historical views (these include Real Time Refresh/Last 24 Hours/ Last 7 Days/ Last 31 Days/etc) and facilitating strategic tasks such as trend analysis and reporting.

To further aid administrators with critical tasks such as problem diagnosis, trend analysis and capacity planning, the System Monitoring Plug-in for Sybase ASE includes several out-of-box reports, summarizing key information about Sybase ASE performance, resource consumption and configuration.
These reports are easily accessible from the Sybase ASE Home page in the Enterprise Manager Console and from Information Publisher (Enterprise Manager’s powerful reporting framework), enabling administrators to schedule, share, and customize reports to fit their operations needs.

**Apply Grid Control’s Powerful Monitoring and Event Management Features to Sybase ASE**

The System Monitoring Plug-in for Sybase ASE leverages Grid Control’s powerful monitoring and event management features for Sybase ASE monitoring, thereby delivering a robust monitoring solution through automation, standardization and a “manage many-as-one” approach. Key features include:

- **Blackout Periods**: prevent unnecessary alerts from being raised during scheduled maintenance operations, such as ASE backup or hardware upgrade.
- **Monitoring Templates**: simplify the task of standardizing monitoring settings across the entire Sybase ASE environment, by allowing administrators to specify the monitoring settings (metrics, thresholds, metric collection schedules and corrective actions) once and applying them to any number of ASE instances.
- **Corrective Actions**: ensure that routine responses to alerts are automatically executed, thereby saving administrators time and ensuring problems are dealt with before they noticeably impact users.
- **Notification Rules, Methods and Schedules**: define when and how administrators should be notified about critical problems with their applications, ensuring quicker problem resolution.
- **Groups / Systems**: significantly simplify management of large numbers of components, allowing administrators to “manage many-as-one”. By combining
Sybase ASE instances in groups, or including them in heterogeneous groups or systems, administrators can benefit from a wealth of group management features, such as ability to proactively monitor availability and alerts of all group members via the System Monitoring Dashboard.

**Lower Costs through Knowledge: Know What You Have and What Changed**

Tracking configurations is one of the most time-consuming and difficult tasks administrators face on a daily basis. Being able to quickly view a detailed configuration snapshot, analyze historical changes and enforce standardization between systems is key to diagnostics, auditing, compliance, and making solid business decisions.

System Monitoring Plug-in for Sybase ASE simplifies these tasks by automatically collecting detailed configuration information about Sybase ASE, including database version, system details, backup/recovery parameters, distributed I/O, and physical memory to name a few. This information is collected daily and stored in the management repository.

![Figure 2. Sybase ASE Space Statistics report helps in capacity planning](image)

In addition, Enterprise Manager automatically tracks all changes to the Sybase ASE configuration, helping administrators answer key questions about what changed, who is responsible for the change, and when the change was made. System Monitoring Plug-in for Sybase ASE also enables enterprise-wide configuration comparisons of Sybase ASE instances, allowing administrators to quickly and easily pinpoint potential differences. This helps to keep systems synchronized and to reduce “configuration drift”. In addition, it simplifies investigations into why systems that are presumed to be identical, are behaving differently.

**Centralize All of the Monitoring Information in a Single Console**
The System Monitoring Plug-in for Sybase ASE provides administrators managing Oracle systems and Sybase ASE with a consolidated view of the entire enterprise, enabling them to monitor and manage all of their components from a central place. Having such an integrated tool reduces the total cost of ownership by eliminating the need to manually compile critical information from several different tools, thus streamlining the correlation of availability and performance problems across the entire set of IT components.

Figure 3. Top-down visibility into heterogeneous infrastructure

In addition, the System Monitoring Plug-in for Sybase ASE complements Grid Control’s existing plug-in support for host systems providing administrators with more depth and greater ability to view Sybase ASE operations directly in the context of operating system activity.

Learn More

For more information about this and other Oracle Management Connectors, visit http://www.oracle.com/technology/products/oem/extensions/index.html

To learn more about Oracle Enterprise Manager 11g, visit www.oracle.com/enterprise_manager

Related Products:
- Management Plug-ins
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