

Database Monitoring Suite

Monitoring Utilities that Augment Standard Infrastructure Monitoring

Boost Database Monitoring with Aspect's Monitoring Suite

The Aspect suite of monitoring utilities augment standard infrastructure monitoring systems with added features, detecting and communicating error conditions within your data processing environment that standard infrastructure monitoring tools cannot detect, or cannot do well.

WatchDog DB Monitor

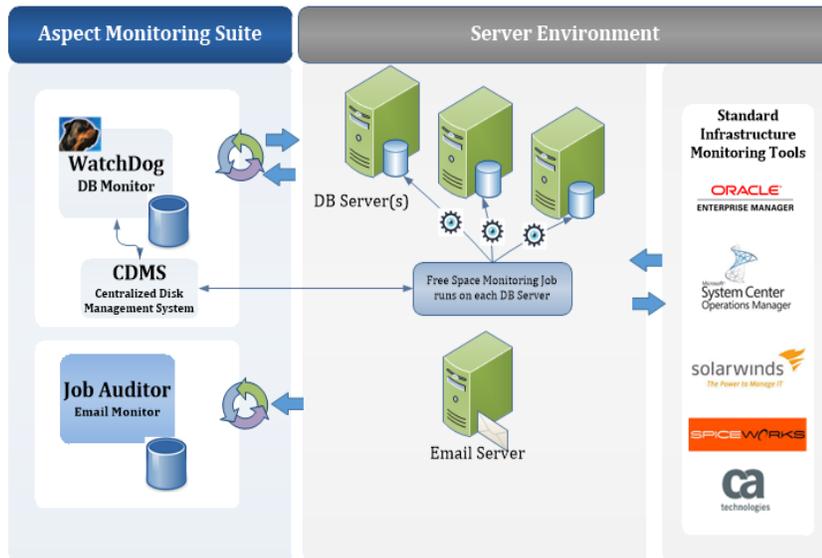
Is an open and flexible custom monitoring utility that augments standard monitoring tools. WatchDog routinely connects to databases **across your entire environment** and issues SQL queries to **proactively monitor** events affecting your organization's database environment, such as:

- **Availability** (free disk space, suspect or corrupt databases)
- **Backup/Recovery Status** (e.g. missing or failed backups, new databases without backup)
- **Database/Server Configuration** (e.g. setting changes, memory issues)
- **Job Configuration** (connection issues, job status issues)
- **Performance** (e.g. problematic indexing & long running queries)
- **Security** (suspicious activity)

Aspect's Centralized Disk Management System (CDMS) gathers and sends disk space information to WatchDog. With CDMS, our experts monitor, trend, and set disk space alert thresholds that trigger warnings in WatchDog, so that you never run out of disk space.

WatchDog **sends consolidated alerts**, so that critical issues are not missed, and Aspect DBAs can detect adverse conditions **before** they impact users.

- Confirm databases are **not only up, but operational**.
- Collect metrics for **forecasting** (e.g. DB growth).
- Collect metrics for **troubleshooting** (e.g. performance trends over time)



Job Auditor Email Monitor

Mines large volumes of database event success and failure notification emails and applies customized business rules to detect:

- **Process Failure** notifications.
- **Missing Process** completion notifications (e.g. backup success/failure notification not received).

Job Auditor takes monitoring to the next level, eliminating the very real risk of human error. Administrators no longer need to assess daily notifications one by one, and possibly miss a critical issue buried within thousands of messages.



DB Monitoring Suite

Complete Monitoring of Your Database

Real-time monitoring enables Aspect DBAs to isolate and diagnose issues, track degradations, and forecast trends for future planning.

Our Watchdog DB Monitor and Job Auditor solutions monitor the following areas for potential issues, so that we can detect problems and proactively react before any issues impact your users. And, the solution is customizable to add any additional queries to monitor scenarios specific to your environment.



Availability

- Connection alerts (identifies SQL connections that have gone down)
• File size alerts
• State alert (warns of suspect/corrupt databases)
• Free disk space alerts

Backup & Recovery Status

- Database backup status alerts
• Missing backup alerts
• Backup Chain issues
• New database check (detects any new databases created requiring backup)
• VLF alerts (monitors for better recovery time)

Database/Server Configuration

- Configuration alerts (identifying configuration outside of best practice)
• Changed settings check
• Memory check
• Model/MSDB Recovery monitor

Job Configuration

- SQL Agent connection (identifies whether jobs can run)
• Job status alerts (identifies failed jobs/processes)
• Mail status alerts (identifies missed jobs/processes that failed to run)

Performance

- Query check (identifies long running queries)
• CPU usage
• Drive level Latency
• Top SQL
• TLog Performance

Security

- Activity audit (monitors logons to the database for databases specified)
• Sysadmin alerts
• Last access alerts (identifies whether the Server/DB being used/unused)

Three Levels of Support

Senior Level DBA

Supporting DBA

Supporting DBA

Comprehensive Coverage

Remote DBA monitoring and maintenance services include three tiers of support:

One primary and two secondary DBAs who will become familiar with your environment.

The supporting DBAs will have the ability to respond to any critical situation in the event the primary DBA is not available.