MAx dbt

Maximum DataBase Tools

DBAmon

DATABASE MONITORING MADE SIMPLE

- **Monitors DB's in 3 Different Modes:**
  1. **Background**
  2. **Historical**
  3. **Real-Time**

- **Alerting**

- **Easy To Use and Configure**

- **Auto-Fix Events**

- **Backup Age Monitoring**

- **Pre-Schedule Downtime - No False Alerts!**

- **Low Overhead**

- **Inexpensive**

Today's complex heterogeneous database environments make it difficult and costly to maintain a constant vigil over the state of your database's health and availability. Degrading performance and other cautionary signs are seldom noticed and may cause slow database performance or downtime. **DBAmon** is a inexpensive premier database monitoring solution which was designed by a dba to assist in maximizing database availability.

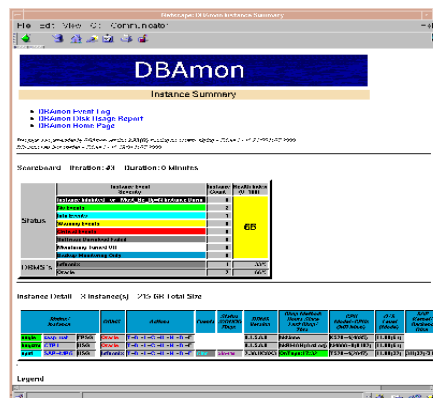**DBAmon** offers 24X7 unattended monitoring of:

- Informix DB/Unix
- Oracle DB/Linux
- Oracle DB/NT
- Oracle DB/Unix
- Oracle Apps/Unix
- MSSQL DB/NT

DBAmon alerts the database administrator to issues and problems which may effect the databases performance or reliability. It runs continuously monitoring every metric on every DB server. It features easy to configure flat files where you specify **DBAmon** parameters and parameters describing the DB servers that you will be monitoring. Most necessary customization can be done via supplied user exits offering dba's the ability to create their own customized alerts.

DBAmon offers historical data collections which may be utilized to review the overall database health and growth. The historical data collection feature is useful in monitoring trends and reviewing past database failures.

DBAmon allows the organization to quickly and efficiently track and respond to database events by reporting monitored events via:
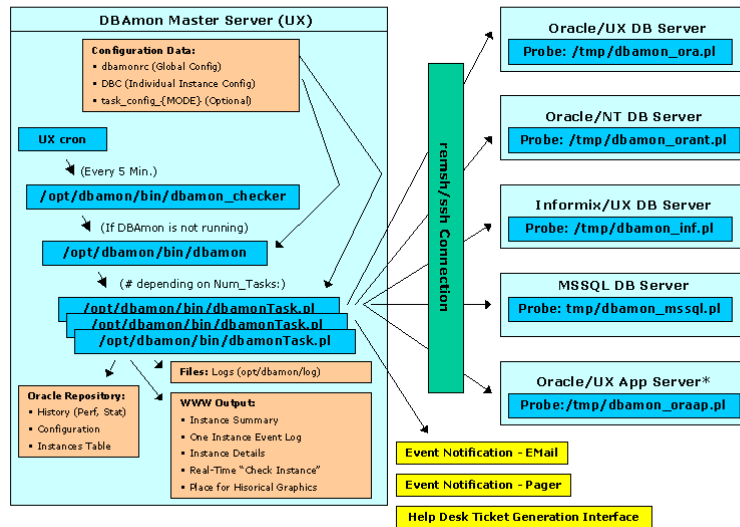
- WWW
- EMail
- Pager (Alpha or Numeric)
- Your-Call-Tracking-System Tickets (With Minimal Customization)
- UX Postnote
- Text Reports
- Relational Tables

DBAmon's web-enabled front-end allows for use anywhere within the organization. It also offers light client-end management and easy-to-view enterprise display of the monitored databases.

DBAmon
Architecture Diagram

DBAmon Master Server (UX)

Configuration Data:
- dbamonrc (Global Config)
- DBC (Individual Instance Config)
- task_config_{MODE} (Optional)

UX cron

↓ (Every 5 Min.)

/opt/dbamon/bin/dbamon_checker

↓ (If DBAmon is not running)

/opt/dbamon/bin/dbamon

↓ (# depending on Num_Tasks:)

/opt/dbamon/bin/dbamonTask.pl
/opt/dbamon/bin/dbamonTask.pl
/opt/dbamon/bin/dbamonTask.pl

Files: Logs (opt/dbamon/log)

Oracle Repository:
- History (Perf, Stat)
- Configuration
- Instances Table

WWW Output:
- Instance Summary
- One Instance Event Log
- Instance Details
- Real-Time "Check Instance"
- Place for Historical Graphics

remsh/ssh Connection

Oracle/UX DB Server
Probe: /tmp/dbamon_ora.pl

Oracle/NT DB Server
Probe: /tmp/dbamon_orant.pl

Informix/UX DB Server
Probe: /tmp/dbamon_inf.pl

MSSQL DB Server
Probe: tmp/dbamon_mssql.pl

Oracle/UX App Server*
Probe: /tmp/dbamon_oraap.pl

Event Notification - EMail

Event Notification - Pager

Help Desk Ticket Generation Interface

System Requirements

DBAmon Monitoring Server:

Unix Operating System
Perl: V5*
Apache: Ver 1.3.3 Browser: IE4 or higher or
Netscape 3 or higher

Minimum Hardware Requirements:
Disk space:
20 MB
Historical ASCII File Data Space - (depends
on number of DB's and amount of data stored)

Full Configuration
Add:

Software:
Oracle DBD/DBI for Perl5
Oracle DB 8.* (relational repository)

Hardware:
Oracle Space for historical data (see above)

Monitored DataBase Server:

Unix Operating System
Perl: V5

NT - Perl: V5 and DBD/DBI interface for either
MSSQL or Oracle

DBMS Compatibility

Informix

- 5.*
- 6.*
- 7.1*
- 7.2*
- 7.3*
- 7.3* (64 bit)
- 9.1*

Oracle

- 7.3.2*
- 7.3.4*
- 8.0.4*
- 8.0.5*
- 8.0.6*
- 8.1.5*
- 8.1.6*
- 8.1.7*

MSSQL

- 7*

*For more information please visit us on the web at: http://www.maxdbt.com
Or call us at 248/ 624-3621*