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INTRODUCTION



ESVDBIP (2.07)

APPLICATION DESCRIPTION

The EVSDBIP service is a part of the EVS SQL mirroring solution. The service attaches a “virtual” IP address to the database mirrored by SQL 2005 Server.

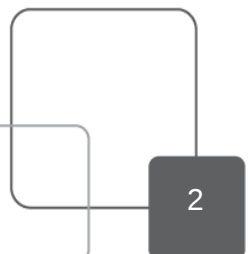
NEW FUNCTIONS

- Get the witness configuration and status in the SQL mirroring session and return it to the monitoring client.
- SQL polling time configurable through the registry (and not fixed to 30 sec anymore)
- INI configuration file is cleaner
- The service now support more than 5 mirrored databases on the same server
- The service can be configured by a monitoring application (i.e. EVS database monitoring)

KNOWN LIMITATIONS

- The service is not able to manage two virtual IPs for the same database on different network cards.
- The service cannot attach a “virtual” IP to a normal database (not mirrored) or to a windows application

This application can be installed only on EVS [DB] Server





EVS DATABASE MONITORING (V2)

APPLICATION DESCRIPTION



The “EVS Database Monitoring” monitors the EVSDBIP status on 2 database servers (typically the principal and mirror server). The application shows the status of the EVSDBIP service, the status of the mirroring, the witness information and the status of the EVSDBIP virtual IP address.

NEW FUNCTIONS

- Display the witness statuses for both servers
- Automatically point the log folder to the share [\\DBServer\\c\\$\\EVSLogs\\EVDBIP](\\DBServer\\c$\\EVSLogs\\EVDBIP)
- Error status when selecting a new DB in the list has been removed.

KNOWN LIMITATIONS

- Read only application. EVSDBIP or SQL 2005 cannot be configured with this client

EVS Database Monitoring can be installed on any workstation on the network





SQL TOOLKIT (5.00.04)

APPLICATION DESCRIPTION



The SQL Toolkit is a set of scripts and applications designed to easily manage an EVS [DB] Server
The SQL Toolkit automatically starts the “[DB] Server startup Toolbar”.
The SQL Toolkit installer is “Install_SQL_Toolkit_5.00.04.exe”
The SQL Toolkit is installed in “C:\Program Files\EVS Broadcast Equipment\SQL_Toolkit”

NEW FUNCTIONS

- **[DB] Server startup toolbar** : Shortcut toolbar to access to the DB server tools in one click
- **EVS-DB-Tool** : DB maintenance tool that can be used to create maintenance jobs on a DB, backup a DB, restore a DB, reindex a DB and create Robocopy jobs.
- **EVS-DB-Logs** : Retrieves information on the local SQL server such as SQL version, blocking locks, index fragmentation,...
- **EVS-DB-Mirroring-Setup** : Mirroring maintenance tool used to start a database mirroring, stop a mirroring, restore a mirrored database,...
- **EVS-DB-Witness-Setup** : Tool used to install a SQL2005 Express on a remote machine and configure it to be a witness for a DB mirroring session.
- **EVS-DB-Mirroring-Emergency-Repair** : Tool used to recover a database in case of server crash (not accessible from the toolbar)
- **EVS-DNS-Configuration** : HTA used to configure a DNS server and its windows clients
- **EVS-TimeSync-Configuration** : HTA used to configure the Windows Time service on a Time Server and its clients.
- **XSecure Manager 1.00.07** : XSecure application needed for IP-Director 5.6 databases or higher.

More information on the DB maintenance HTAs are available in the documents : APPLICATION NOTE_SQL_MAINTENANCE_V5.6.PDF and APPLICATION NOTE_SQL_MIRRORING_V5.6.PDF

KNOWN LIMITATIONS

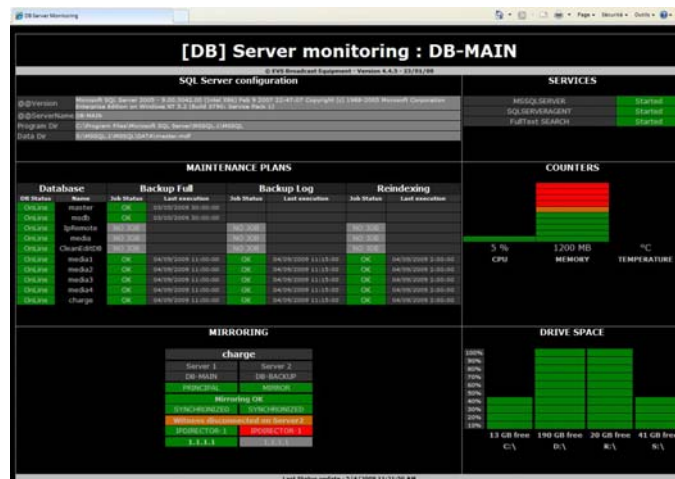
None





WEB SQL MONITORING (1.00)

APPLICATION DESCRIPTION



The "Web SQL Monitoring" is a web page hosted on a DB Server and used to monitor the main DB Server functions and parameters such as SQL Version, SQL service statuses, Maintenance jobs statuses, performance counters and database mirroring statuses.

This web page can be accessed from everywhere on the network with a standard browser (i.e. Internet Explorer)

NEW FUNCTIONS

- Monitoring of the SQL version
- Monitoring of SQL services
- Monitoring of EVS maintenance jobs (created by EVS-DB-Tool.hta)
- Monitoring of the CPU, the physical memory usage and the CPU temperature
- Monitoring of the local disks free space
- Monitoring of the Database mirroring

KNOWN LIMITATIONS

- The CPU temperature value couldn't be available on the Operating System.
- No Network performance values.





OTHER DOCUMENTATION

APPLICATION NOTE_SQL_MAINTENANCE_V5.6.PDF

- Available in the IP-Director release documentation

APPLICATION NOTE_SQL_MIRRORING_V5.6.PDF

- Available in the IP-Director release documentation





*Text should be composed in Arial font. Preferably in black colour.
To underline or emphasize text it is recommended to use **Arial Black** or Arial Narrow.*

Alert !

Alert !

