

The Neverfail High Availability solution ensures application reliability and resilience for your Oracle Database.

How much does your business depend on the Information stored in your Oracle database? In addition to database capacity and performance, data availability is critical to the productivity and profitability of businesses of all sizes. In an IDC Trends in Storage Survey, the top challenge related to storage management is providing the right levels of data availability and recovery. However, high availability and disaster recovery for your Oracle database doesn't have to be a challenge. With the Neverfail high availability solution for Oracle database you can ensure the reliability and resilience of your data; keeping users continuously connected and critical business data always available.

The heart and soul of Neverfail – Neverfail Heartbeat

The most important consideration in protecting your Oracle database environment is creating a real-time, duplicate copy of your data. Neverfail Heartbeat sits at the core of the Neverfail suite of affordable, "cluster-class" solutions, replicating data from your active to your passive server, over a LAN or a WAN.

The Neverfail high availability solution proactively monitors your entire Oracle database environment

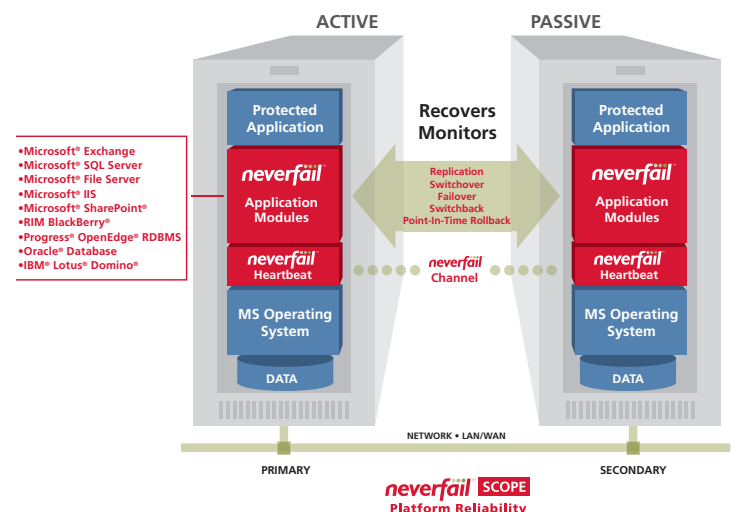
Data is the foundation that your business relies upon and that data is always changing. To ensure high availability and continuous data protection, the Neverfail solution for Oracle Database proactively monitors your database environment looking for just such changes

In addition to monitoring the Oracle database application, Neverfail is the only cluster-class, high availability solution to proactively monitor the health of your entire Oracle database environment, including: physical server hardware, network infrastructure and operating system. If any problem occurs, Neverfail can take a variety of preemptive, corrective actions without resorting to a full system failover. In extreme cases, a graceful switchover to your secondary server can occur automatically, ensuring continuous data availability.

The Neverfail solution can also protect auxiliary applications that you may have installed onto your server. These may include supporting applications such as anti-virus, backup and archiving solutions. Our Application Module eXtension - AM(X) - technology provides an application program interface to easily and rapidly generate these extension products.

High availability over a LAN or WAN environment

The Neverfail solution for Oracle Database can be configured to protect your data in either a LAN or WAN environment. Where



Neverfail's unique true pair technology delivers continuous data protection, application availability and disaster recovery for companies of all sizes.

bandwidth or network utilization is an issue or needs to be reduced, the Neverfail Low Bandwidth Module (LBM) is available to optimize and reduce the amount of data that is transmitted between the two servers.

Neverfail provides seamless switchover capabilities

In addition to offering both manual and automatic switchover capabilities, Neverfail also features the ability to seamlessly switchover, something replication solutions can't offer. Whether your primary server is down for several hours or even days, Neverfail will seamlessly resynchronize your servers when the primary does come back online, and allow you to switch your workload back to a normal production state within a few minutes by the simple click of a button!



Reliability is the first and most crucial step to achieving high availability

The successful implementation and ongoing performance of any cluster-class high availability solution is predicated upon a reliable technology platform. Neverfail's Server Check Optimization Performance Evaluation (SCOPE) is the only automated software solution to deliver a comprehensive health "check-up" of your server environment. SCOPE identifies existing configuration and performance issues in your environment prior to installation of a high availability solution and it provides "snapshots" of your environment to ensure on-going reliability.

KEY FEATURES

Dynamically identifies and includes specific application components

- Intelligently discovers all application files, registry settings, services and databases associated with a specific application.
- Saves time, money and lowers risk by eliminating any customization or scripting required to support specific applications. Neverfail supports the Oracle database straight "out of the box."

Automatically monitors all key application services

- Automatically monitors the availability of all key services associated with a specific application.
- Improves availability by showing not only whether a server is available or not, but what is happening within the application.

Monitors all key application performance attributes

- Monitors all key performance aspects of the operating system, hardware and application.
- Improves availability by identifying when overall performance begins to degrade.

Preemptive failover avoidance

- Can take a variety of corrective actions to repair or resolve problems detected through its monitoring capability.
- Avoids expense of IT personnel involvement in managing unnecessary failovers.

Seamless switchover, failover and switchback of application workload

- Automatically moves an application's workload back and forth between primary and secondary servers.
- Improves availability by providing seamless, non-disruptive application redundancy to users.

Neverfail Data Rollback Module

Data Rollback Module complements the Neverfail core technology by providing a simple and swift application restart from earlier points in time, to ensure data restoration and regain data integrity quickly and efficiently after data corruption has occurred. Neverfail Data Rollback Module runs directly on top of Neverfail Heartbeat, and utilizes the Microsoft® Volume Shadow Copy Service (VSS) technology to provide an efficient application/data restoration and retrieval mechanism.

SYSTEM REQUIREMENTS:

Primary server requirements

- Microsoft Windows 2000 or 2003 compatible server with 2GB of free system hard disk space. On a single partition.
- A minimum of 1GB RAM is recommended. Exact requirements depend on application load.
- Microsoft Windows 2000 Server or Advanced Server latest SP version, or Microsoft Windows 2003.
- Oracle Database 10g Standard Edition or Enterprise Edition using NTFS storage.

Secondary server requirements

- Windows 2000 or 2003 compatible server with disk space and memory to match the Primary Server. Microsoft Windows 2000 or 2003 operating system with the same Service Pack applied as the Primary Server.

Network requirements

- 2 Network cards per machine (1 Public & 1 Channel) or 3 Network cards per machine (1 Public & 2 Channel).

Licensing

- The Neverfail high availability solution for Oracle database is licensed based on the Server in a pair with the greatest number of CPUs.

For more information, contact :



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