

Smart Business Continuity



Safeguarding the Enterprise

Today's high performance enterprises depend on reliable access to tools, information and people to persistently operate smartly and compete effectively. This requires a robust communications and IT infrastructure capable of providing always-on availability that can also self heal should potential service disruptions occur.



Fault Tolerant Solution

NEC Fault Tolerant (FT) Solution provide an innovative solution to address planned and unplanned downtime for your most important applications. The solution deliver continuous availability for 99.999% system uptime through its fully redundant modular hardware. The FT Solution can deliver a lower total cost of ownership compared to traditional high availability and traditional server solutions. The FT Solution only requires one copy of the operating system and no special skill or setup or configure the solution.



High Availability Clustering Solution

Software solution for high availability and remote disaster recovery preventing data loss and protecting your IT system which finally leads to saving time and money. The solution is designed to ensure high availability of business critical systems with fast application and data recovery within minutes. In addition, the solution minimizes deployment cost by supporting standard packaged applications (e.g. Database servers, e-mail servers, web servers) so no expensive "enterprise" or "cluster-aware" application editions are required. ExpressCluster also includes an easy to use unified management console for configuration and monitoring of multiple systems within a single network environment.



Comprehensive Fault Tolerant and Disaster Recovery Solution

Designed to address the integrated application and data protection needs running in geographically separated sites over a wide area network for fast disaster recovery purposes. The solution has been optimized to support integrated application failover and disk mirroring functionality in a low bandwidth and long latency network environment. The Comprehensive Business Continuity solution offers Software & hardware redundancy, Granular app & data resource failure detection and auto recovery with local and remote recovery.



Always-on, continuous availability means preventing the possibility of application downtime and data loss. This is contingent on uninterrupted service in the event of an outage without performance potentially being compromised. With an increasing flow of data across networks and devices, equally as important is fail-proofing data security and taking the required steps, such as automated redundancy and recovery practices, to help ensure end-to-end disaster recovery.

Protect Critical Systems

NEC's dependable high availability solutions actively prevent application downtime and devastating data loss. Potential problems can be detected and proactively addressed before downtime interferes with business operations. Beyond potential hardware, software, or network failures, temporary system outages occur during planned maintenance and upgrades. System disruptions can also result from unexpected natural disasters or fire. NEC offers solutions that nearly eliminate interruptions resulting from planned and unplanned downtime. High availability solutions from NEC provide wide coverage to monitor potential points of failure. Designed to address the stability demands of the any industry, NEC's high availability solutions can be tailored to the unique needs of most environments.



Minimize System Outages

One of the key benefits of NEC Solution is minimized unplanned downtime typically caused by server hardware or software failures. By quickly detecting failures then recovering applications and data on a standby server, the solution reduces overall system downtime from hours or days to minutes. Also, the solution can automatically transfer virtual host server identity (e.g. name and IP address) between servers so client systems do not require reconfiguration in order to connect to the standby servers in event of primary server failures. A second key benefit of the solution is minimized planned downtime. Unlike unplanned downtime, planned downtime is usually scheduled to perform necessary maintenance at times that minimize business impact. For example, planned downtime to apply security patches for OS or applications. In such situation, the solution can easily move multiple application and data workloads to between servers in a cluster with minimal system disruption and still allow planned maintenance on all servers to be performed without restrictions. The solution can effectively eliminate the need to schedule extended planned downtime during off-business hours for maintenance purposes and reduce planned system downtime from hours to minutes.



Safeguard the Network

Network and software automated redundancy and recovery solutions reduce network and data complexity with streamlined, flexible oversight and management. The true value of high availability is ensuring stable operations to support the business operations. NEC's high availability solutions give organizations, the peace of mind that critical applications and data will be available when needed. The result is an empowered workforce where employees have real-time access to the information they need and the freedom to communicate however, whenever and wherever they work.



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