

## NEC ExpressCluster LAN RFP Specifications

The following specifications can be used in customer RFPs to describe NEC ExpressCluster LAN.

- The high availability solution shall provide automatic recovery of critical applications and data on the local standby server within 5 minutes of any primary server failure event. The automatic recovery shall require no manual client system reconfiguration to connect to the local standby server.
- The high availability solution shall provide full data protection through synchronous data mirroring that guarantees all data committed to disk(s) on the primary server is available on local standby server without data loss.
- The high availability solution shall support data mirroring between disks from multiple manufacturers and vendors.
- The high availability solution shall not require external data storage systems to enable data protection functionality.
- The high availability solution shall support standard editions of target operating systems and database servers including:
  - Microsoft Windows Server 2000 Standard Edition
  - Microsoft Windows Server 2003 Standard Edition
  - Microsoft SQL Server 2000 Standard Edition
  - Microsoft SQL Server 2005 Standard Edition
  - Oracle Database 9i Standard Edition
  - Oracle Database 10g Standard Edition
- The high availability solution shall support standard Ethernet and IP network protocols and infrastructure.
- The high availability solution shall support incremental changed data resynchronization between primary and local standby servers after a failed server is restored provided the original disk content on the failed server is fully preserved.
- The high availability solution shall support active/active configuration of the primary and the standby server where both servers run separate applications at the same time while serving as backup for each other.