



EXPAND smERP
Get. Set. Grow



**HIGH AVAILABILITY & DISASTER RECOVERY SOLUTIONS ON
MICROSOFT® SQL SERVER™**



Solutions

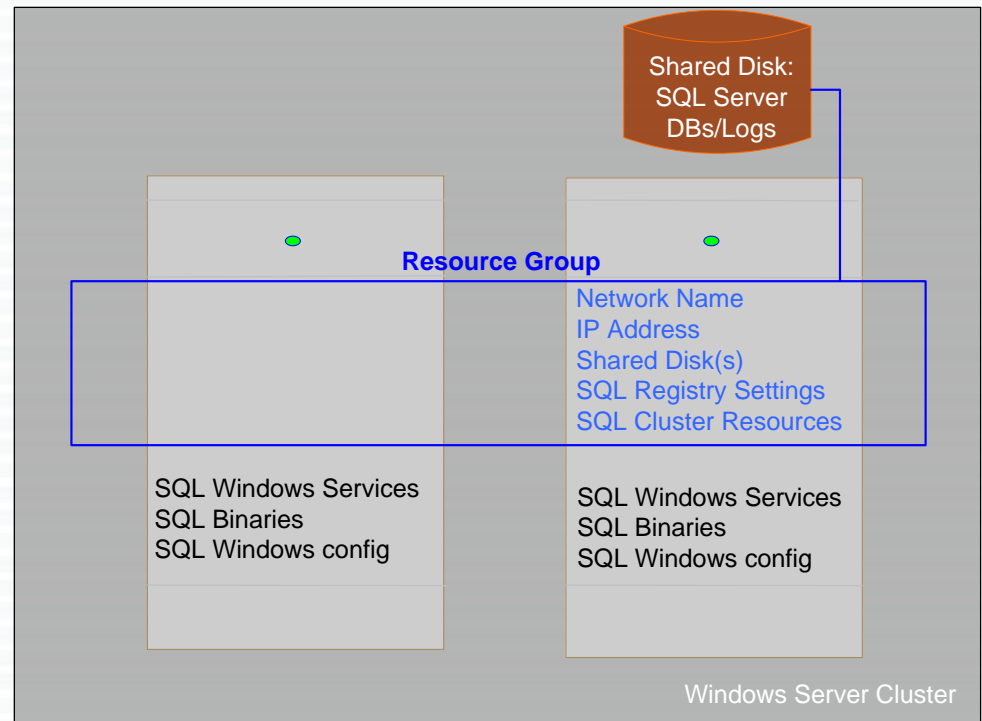
- ▶ Failover clustering
- ▶ Database Mirroring
- ▶ Peer-to-Peer transactional replication

Note: eDominer Systems delivered a High Availability presentation for Microsoft at TechED India 2009. Please refer to that presentation for more information on High Availability solution on EXPAND using Microsoft SQL Server 2005/2008. The presentation can be downloaded from www.eDominer.com



Failover Cluster

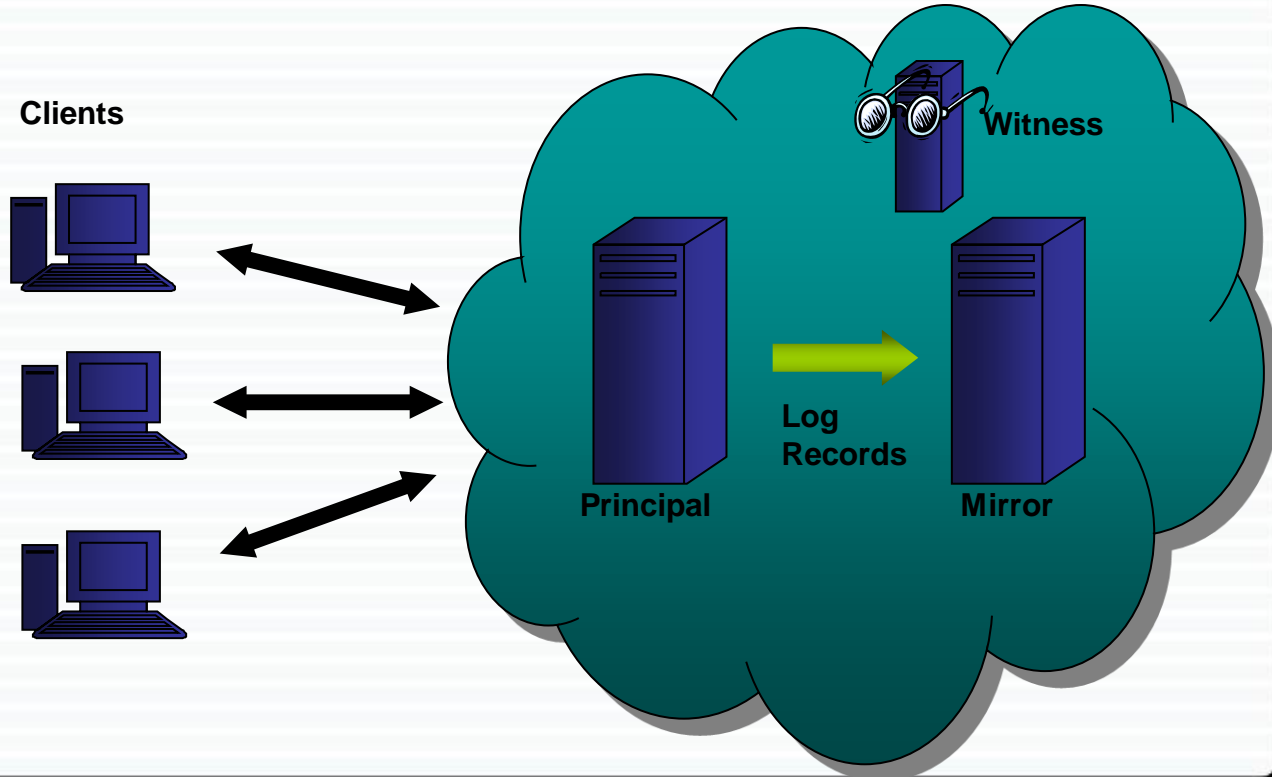
- ▶ Instance level protection built on Windows Failover Clustering shared disk model
 - ▶ Cluster nodes typically co-located within the same site to provide local HA
 - ▶ Regional DR possible using VLAN and stretch storage level replication





Database Mirroring

- ▶ A database level high availability solution that provides complete protection against data loss and fast recovery through automatic failover



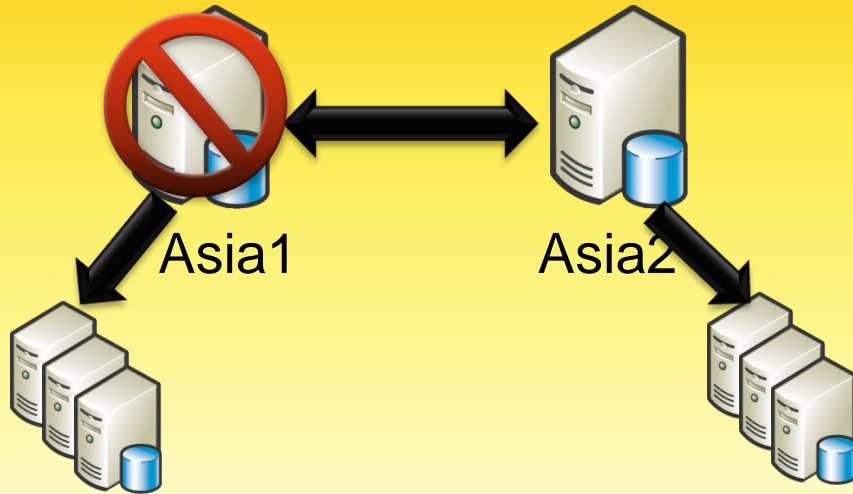


Replication

- ▶ A high performance data replication solution that provides granular table level replication
 - ▶ Logical data movement provides flexibility and better hardware utilization
- ▶ Key scenarios:
 - ▶ Customized application-specific DR
 - ▶ Real-time reporting on secondary server that be used for Site DR
 - ▶ Scale out application queries with ability to use any one database copy for Site DR
- ▶ Two types relevant for HA and DR
 - ▶ Transactional and Peer-to-Peer



P2P replication



Peer Nodes



Read-Only Servers



Q & A

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Thank you for your time

eDOMINER™
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