

Symantec 4 Node Storage Foundation HA for Windows Cluster with SQL Integration



The installation consultant will **install Symantec Storage Foundation HA on to 4 servers** based at 2 different sites (two nodes per site) and configure SQL 2000 to integrate into it.

Key Benefits:

- The customer will benefit from the technical experience and expertise in a guided installation
- The customer will have confidence they can proceed to use Symantec Storage Foundation HA DR and that it will satisfy their needs
- Maximise uptime of data, applications and databases.

Service Scope:

The installation procedure will be delivered in the following pre-defined stages:

- Arrival at client site followed by meeting with relevant personnel to outline expectations and delineate configuration requirements
- Ensure sufficient system access and permissions are available to complete the implementation.

Partner Services will then:

- Ensure the systems are patched to the correct level
- Install Symantec Storage Foundation HA for

Windows on 4 servers

- Integrate Microsoft SQL into the clusters
- Configure Symantec Volume Replicator to replicate SQL volumes to the remote site
- Verify application is available during failover testing
- Skills transfer
- Document configuration.

Deliverables:

- Microsoft SQL is able to failover locally between the nodes in the local site and remotely at the remote site.

Exclusions:

This service does not include:

- Delivery outside the normal working hours (09:00 – 17:30 Monday – Friday)
- Installation of the Windows Operating System
- Configuration and presentation of shared storage to the cluster nodes
- No other SQL configuration (other than that required to cluster SQL) is included
- Migration of customer data.

Customer Responsibilities:

- Shared storage must be visible to the OS and functional on both cluster nodes
- Windows Operating System must be loaded prior to the consultant arriving
- A Microsoft Active Directory environment must already be in place
- A network link must be available between the 2 sites that is capable of replicating the amount of data involved
- All media and licensing relating to the OS, SQL and Symantec Storage Foundation HA DR must be available
- Sufficient downtime should be scheduled if required
- All necessary OS backups should have been completed and verified.

Acceptance Criteria:

- Demonstrate successful SQL failover locally and remotely.

The above services are delivered during normal business hours (09:00 – 17:30) Monday – Friday, excluding bank holidays.