

Synchronous Volume Replication with Failover with Bonding

Storage Client

IP Address : 192.168.10.251
(Active / Backup path failover)

PING NODES

IP Address : 192.168.1.106; 192.168.1.107

Data Server (DSS1)

Primary node
IP Address:192.168.0.230

Data Server (DSS2)

Secondary node
IP Address:192.168.0.240



Port used for WEB GUI management
Auxiliary connection (Heartbeat)

IP:192.168.0.230 eth0

Port used for WEB GUI management
Auxiliary connection (Heartbeat)

IP:192.168.0.240 eth0

Storage Client Access,
Auxiliary connection (Heartbeat)

bond0 IP:192.168.1.230 (eth1, eth2)

Storage Client Access,
Auxiliary connection (Heartbeat)

(eth1, eth2) IP:192.168.1.240 bond0

Volume Replication ,
Auxiliary connection (Heartbeat)

IP:192.168.3.230 eth3

Volume Replication ,
Auxiliary connection (Heartbeat)

eth3 IP:192.168.3.240

Virtual IP Address:192.168.10.250
(iSCSI Target / NFS Share)

iSCSI / NFS Failover/Volume Replication

Note: Direct point-to-point connection is recommended for the volume replication.