

to Switchless setup with Open-E DSS V7 Active-Active iSCSI Failover Storage Cluster and VMware HA

Software Version: DSS ver. 7.00 up12, up16

Presentation updated: May 2015

TO SET UP ACTIVE-ACTIVE ISCSI FAILOVER AND VMWARE HA-CLUSTER, PERFORM THE FOLLOWING STEPS:

Set up DSS V7 A-A iSCSI Failover:

- 1. Hardware configuration
- 2. Network Configuration
- 3. Configure the node-b and node-a
- 4. Create targets (node-a and node-b)
- 5. Configure Failover (node-a and node-b)
- 6. Start Failover Service

Configure VMware HA-Cluster:

- 7. Create Cluster
- 8. Adding Hosts
- 9. Configure networking
- 10. Configure Storage Adapters
- 11. Reconfigure for vSphere HA
- 12. HA Cluster clear alarms



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open-e	Data Server (DSS1) node-a IP Address: 192.168.10	J0.165	3. Configure the	node-a	
		DI D	LASS STORAGE OS for EVERY BUSINESS	DATA S	TORAGE SOFTWARE V7
		SETUP CONFIGURATION MAINT	ENANCE STATUS HELP		A 🔽 🗹
		Vol. groups * ?			apply
			Hosts Binding Remote node Host name: node-b-7	IP address : 192.168.0.221	Status: Reachable
					tisconnect
		Vol. replication 🔆 ?	Create new volume repliced in the second sec	cation task on functionality found or all volumes have a	task assigned already.
Now, in the Replication tasl manager function, click the corresponding "play" button the Replication task on the n	ks to start node-a.		Replication tasks manage Name m0000	er Start time 2015-05-15 19	C ? Action

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★ Event Viewer

This is a TRIAL version. 57 day(s) left for evaluation.



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open-e	Data Server (DSS1) node-a IP Address: 192.168.10	0.165	5. Configure faile	over	
		a open-e	ENTERPRISE CLASS STORAGE OS for EVERY BUSINESS	DATA STORA	AGE SOFTWARE V7
		SETUP CONFIGURATI	ON MAINTENANCE STATUS HELP		
Now, still on node-a resource (local node) enter the next W IP address. Click add virtua enter Virtual IP , (in this exar 192.168.31.100), and select appropriate interfaces on the and remote nodes. Then, cli add button.	es /irtual IIP mple two e local ck the	You are here: Setup > Failover	Resources pool manager node-a-31797157 resources (local node) Status: unknown Synchronization status: not configured Virtual IP addresses iSCSI resources add virtual IP Virtual IP: Interface on local node: Interface on remote node: Netmask:	move sync between nodes 192.168.31.100 eth3 (192.168.3.220) eth3 (192.168.3.221) v 255.255.0	
			node-b-73670603 resources	cancel add	
			(remote node)		
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Configure VMware HA-Cluster

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7. Create a new Cluster

In **vCenter Server**, please click right mouse on **Data Center.** Next, please select **New Cluster** from the context menu.

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Rename Datacenter		Remove		or root).
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Configure VMware HA-Cluster



7. Create a new Cluster




7. Create a new Cluster





8. Adding a Hosts





8. Adding a Hosts

































































































































11. HA-Cluster Settings





11. HA-Cluster Settings


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11. Reconfigure for vSphere HA



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11. Reconfigure for vSphere HA





12. HA-Cluster Configuration



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12. HA-Cluster Configuration





Thank you!

