

Virtual SAN (beta) - POC Pre-checklist v1.0a

Done	Requirement
<input type="checkbox"/>	<ul style="list-style-type: none">5 hosts (as per HCL) with ESXi version 5.5 installed.
<input type="checkbox"/>	<ul style="list-style-type: none">4 hosts must contain local storage. Local storage must comprise of at least one empty HDD & one empty SSD (again as per HCL). One host does not have to contain any local storage. In this POC, each of the 4 hosts has 1 x SSD & 2 x HDD. The ESXi boot disk cannot be used for VSAN.
<input type="checkbox"/>	<ul style="list-style-type: none">Each ESXi host must contain a RAID Controller that is capable of running in pass-thru mode (aka HBA mode). The RAID Controller must be supported as per HCL. The RAID Controller must be able to present disks directly to the host without a RAID configuration
<input type="checkbox"/>	<ul style="list-style-type: none">1 x vCenter Server with vSphere Enterprise Plus licensing (an evaluation license is used if only vSphere Enterprise is available)4 ESXi Hosts added to a Cluster. No services should be enabled on the cluster initially (no HA, no DRS and no VSAN)
<input type="checkbox"/>	<ul style="list-style-type: none">10Gb network is preferable and is highly recommended for production environments, but VSAN can & will work with a 1Gb network. This POC used a 1Gb network.
<input type="checkbox"/>	<ul style="list-style-type: none">A vMotion VMkernel port must be configured for each host. If IP storage is available for virtual machines templates or ISOs, this must also be configured. This POC has an NFS datastore available.
<input type="checkbox"/>	<ul style="list-style-type: none">A virtual machine with an installed Guest OS should be available. If this is not available, a new virtual machine will have to be created and a Guest OS installed. This POC has a virtual machine with an installed Guest OS available.
<input type="checkbox"/>	<ul style="list-style-type: none">A distributed switch configured with all traffic already moved to distributed port groups. This includes management, vMotion and IP storage traffic if necessary. A distributed port group for VSAN traffic should also be created.