

vSAN 6.5 2 Node Direct Connect Setup Checklist

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1.1 Requirements

Requirements

Hardware:

- Two physical servers listed on the [VMware Compatibility Guide](#) for the vSphere Installation
 - VMware ESXi 6.5 Installed
 - These may be [vSAN Ready Nodes](#) or they may include storage components listed on the [vSAN Compatibility Guide](#)
 - CPU & Memory recommendations are dependent on workload requirements. vSAN Ready Nodes are highly recommended as profiles have been identified for different workloads.
 - Each host must include at least one cache device and one capacity device
 - One or more Network Connections for vSAN communications
 - Minimum 1x1GbE Dedicated Connection for Hybrid vSAN configurations with up to 10 Virtual Machines
 - Minimum 1x10GbE Shared Connection for All-Flash vSAN configurations, or Hybrid vSAN configurations with more than 10 Virtual Machines
 - One or more Network Connections for ESXi Management and additional services
 - Minimum 1x1GbE Shared Connection for ESXi Management
 - Minimum 1x1GbE Shared Connection for Virtual Machine traffic
 - Physical Switch
 - Used for vSphere Host Management and Virtual Machine traffic
 - Minimum 1GbE ports for ESXi host Management and Virtual Machine traffic

Software:

- VMware vCenter Server 6.5
 - VMware vCenter Server Appliance OVA or existing Windows vCenter Server 6.5
- VMware vSAN 6.5 Witness Appliance OVA
 - Alternate Data Center for hosting vSAN Witness Appliance
 - VMware ESXi 5.5 or higher host/cluster to host the vSAN Witness Appliance
 - Datastore must be local, shared vmfs volume, NFS mount, of vSAN cluster.
 - Stretched or 2 Node vSAN Clusters are not supported as a datastore for this use.
- VMware Licensing
 - License for vCenter Server
 - vSphere Licensing for ESXi
 - Recommend licensing that includes vSphere DRS
 - vSAN Licensing
 - 2 Node vSAN may be used with any edition of vSAN
 - All-Flash hardware is supported with any edition of vSAN