



SAP HANA using VMware vSphere

NetApp Solutions

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July 22, 2021

This PDF was generated from https://docs.netapp.com/us-en/netapp-solutions/saphana_aff_fc_sap_hana_using_vmware_vsphere.html on August 03, 2021. Always check docs.netapp.com for the latest.

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[Previous: TR-4436: SAP HANA on NetApp AFF Systems with Fibre Channel Protocol.](#)

There are several options to connect storage to virtual machines (VMs). The preferred one is to connect the storage volumes with NFS directly out of the guest operating system. This option is described in [SAP HANA on NetApp AFF Systems with NFS](#).

Raw device mappings (RDM), FCP datastores, or VVOL datastores with FCP are supported as well. For both datastore options, only one SAP HANA data or log volume must be stored within the datastore for productive use cases. In addition, Snapshot-based backup and recovery orchestrated by SnapCenter and solutions based on this, such as SAP System cloning, cannot be implemented.

For more information about using vSphere with SAP HANA, see the following links:

[SAP HANA on VMware vSphere - Virtualization - Community Wiki](#)

- [Best Practices and Recommendations for Scale-Up Deployments of SAP HANA on VMware vSphere](#)
- [Best Practices and Recommendations for Scale-Out Deployments of SAP HANA on VMware vSphere](#)
- [2161991 - VMware vSphere configuration guidelines - SAP ONE Support Launchpad \(Login required\)](#)

[Next: Architecture.](#)

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