



# **Storage types supported by SnapCenter Plug-ins for Microsoft Windows and for Microsoft SQL Server**

**SnapCenter Software**

Nirupama Sriram, Archana  
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# Storage types supported by SnapCenter Plug-ins for Microsoft Windows and for Microsoft SQL Server

SnapCenter supports a wide range of storage types on both physical machines and virtual machines. You must verify whether support is available for your storage type before installing the package for your host.

SnapCenter provisioning and data protection support is available on Windows Server. For the latest information about supported versions, see the [NetApp Interoperability Matrix Tool](#).

Machine	Storage type	Provision using	Support notes
Physical server	FC-connected LUNs	SnapCenter graphical user interface (GUI) or PowerShell cmdlets	
Physical server	iSCSI-connected LUNs	SnapCenter GUI or PowerShell cmdlets	
Physical server	SMB3 (CIFS) shares residing on a storage virtual machine (SVM)	SnapCenter GUI or PowerShell cmdlets	Support for provisioning only.  You cannot use SnapCenter to back up any data or shares using the SMB protocol.
VMware VM	RDM LUNs connected by an FC or iSCSI HBA	PowerShell cmdlets	
VMware VM	iSCSI LUNs connected directly to the guest system by the iSCSI initiator	SnapCenter GUI or PowerShell cmdlets	
VMware VM	Virtual Machine File Systems (VMFS) on VMFS or NFS datastores	VMware vSphere or VSC cloning utility	
VMware VM	A guest system connected to SMB3 shares residing on an SVM	SnapCenter GUI or PowerShell cmdlets	Support for provisioning only.  You cannot use SnapCenter to back up any data or shares using the SMB protocol.

Machine	Storage type	Provision using	Support notes
Hyper-V VM	Virtual FC (vFC) LUNs connected by a virtual Fibre Channel Switch	SnapCenter GUI or PowerShell cmdlets	<p>You must use Hyper-V Manager to provision Virtual FC (vFC) LUNs connected by a virtual Fibre Channel Switch.</p> <div>  <p>Hyper-V pass through disks and backing up databases on VHD(x) that are provisioned on NetApp storage are not supported.</p> </div>
Hyper-V VM	iSCSI LUNs connected directly to the guest system by the iSCSI initiator	SnapCenter GUI or PowerShell cmdlets	<div>  <p>Hyper-V pass through disks and backing up databases on VHD(x) that are provisioned on NetApp storage are not supported.</p> </div>

Machine	Storage type	Provision using	Support notes
Hyper-V VM	A guest system connected to SMB3 shares residing on an SVM	SnapCenter GUI or PowerShell cmdlets	<p>Support for provisioning only.</p> <p>You cannot use SnapCenter to back up any data or shares using the SMB protocol.</p> <div>  <p>Hyper-V pass through disks and backing up databases on VHD(x) that are provisioned on NetApp storage are not supported.</p> </div>

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