



## User Privileges on vSphere

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## User Privileges on vSphere

The following table provides the minimal set of privileges that are required by the vSphere user to execute the relevant operations in vCenter.

Roles	Privileges	Entities	Propagate to Children
manage-k8s-node-vm	Resource.AssignVMToPool System.Anonymous System.Read System.View VirtualMachine.Config.AddExistingDisk VirtualMachine.Config.AddNewDisk VirtualMachine.Config.AddRemoveDevice VirtualMachine.Config.RemoveDisk VirtualMachine.Inventory.Create VirtualMachine.Inventory.Delete	Cluster, Hosts, VM folder	Yes
manage-k8s-volumes	Datastore.AllocateSpace Datastore.FileManagement System.Anonymous System.Read System.View	Datastore	No

<b>Roles</b>	<b>Privileges</b>	<b>Entities</b>	<b>Propagate to Children</b>
k8s-system-read-and-spbmprofile-view	StorageProfile.View System.Anonymous System.Read System.View	vCenter	No
ReadOnly	System.Anonymous System.Read System.View	Datacenter, Datastore cluster, Datastore storage folder	Yes
ccp-register-extension	Extension.Register Extension.Unregister Extension.Update	vCenter	No

Roles	Privileges	Entities	Propagate to Children
CCP_Admin		Cluster, Hosts, Vcenter, Datastore, Datastore cluster	Yes

Roles	Privileges	Entities	Propagate to Children
	Extension.Register Extension.Unregister Extension.Update Resource.AssignVMToPool Network.Assign StorageProfile.View System.Anonymous System.Read System.View VirtualMachine.Config.AddExistingDisk VirtualMachine.Config.AddNewDisk VirtualMachine.Config.AddRemoveDevice VirtualMachine.Config.RemoveDisk VirtualMachine.Config.CPUCount VirtualMachine.Config.AdvancedConfig VirtualMachine.Config.Resource VirtualMachine.Config.ManagedBy VirtualMachine.Config.DiskExtend VirtualMachine.Config.Memory VirtualMachine.Config.Settings VirtualMachine.Config.RawDevice VirtualMachine.Inventory.Create VirtualMachine.Inventory.Remove VirtualMachine.Provisioning.Clone VirtualMachine.Provisioning.CreateTemplateFromVM VirtualMachine.Provisioning.DeployTemplate VApp.Import VApp.PowerOn VApp.PowerOff VApp.Suspend VApp.ResourceConfig VApp.InstanceConfig		

Roles	Privileges	Entities	Propagate to Children
	VApp.ApplicationConfig VApp.ManagedByConfig		

For more information on adding a provider profile, see [Adding vSphere Provider Profile](#).

## Erase User Data

You need to erase user data and return a cluster to a clean state when its physical media is replaced or removed. When working with **Virtual Volumes**, deleting or overwriting a file is not adequate for completely erasing user data. File systems do not overwrite the disk blocks that contain data. This means that deletion of a VM or datastore does not erase user data. In order to securely erase user data, you need to erase the physical storage underlying the datastore.

For more information on securely erasing user data from a cluster, refer to the latest documentation from your storage vendor.

