



User Privileges on vSphere

This appendix contains the following topic:

- [User Privileges on vSphere, on page 1](#)
- [Erase User Data, on page 4](#)

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 |
|-------------|---|----------|-----------------------|
| ccp-vcenter | Extension.Register Extension.Unregister Extension.Update StorageProfile.View System.Anonymous System.Read System.View | vCenter | No |

| Roles | Privileges | Entities | Propagate to Children |
|----------------|------------|-----------|-----------------------|
| ccp-datacenter | | Datastore | Yes |

| Roles | Privileges | Entities | Propagate to Children |
|-------|---|----------|-----------------------|
| | Datastore.AllocateSpace Datastore.FileManagement Network.Assign Resource.AssignVMToPool StorageProfile.View System.Anonymous System.Read System.View VApp.ApplicationConfig VApp.Import VApp.InstanceConfig VApp.ManagedByConfig VApp.PowerOff VApp.PowerOn VApp.ResourceConfig VApp.Suspend VirtualMachine.Config.AddExistingDisk VirtualMachine.Config.AddNewDisk VirtualMachine.Config.AddRemoveDevice VirtualMachine.Config.AdvancedConfig VirtualMachine.Config.CPUCount VirtualMachine.Config.DiskExtend VirtualMachine.Config.ManagedBy VirtualMachine.Config.Memory VirtualMachine.Config.RawDevice VirtualMachine.Config.RemoveDisk VirtualMachine.Config.Rename VirtualMachine.Config.Resource VirtualMachine.Config.Settings VirtualMachine.Interact.PowerOff VirtualMachine.Interact.PowerOn VirtualMachine.Inventory.Create | | |

| Roles | Privileges | Entities | Propagate to Children |
|-------|---|----------|-----------------------|
| | VirtualMachine.Inventory.CreateFromExisting VirtualMachine.Inventory.Delete VirtualMachine.Provisioning.Clone VirtualMachine.Provisioning.CreateTemplateFromVM VirtualMachine.Provisioning.DeployTemplate | | |

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.