



# VMware Storage Tasks

---

This chapter contains the following sections:

- [Create Storage Profile, on page 2](#)
- [Delete VMWare Storage Profile, on page 4](#)
- [Edit VMware Storage Profile, on page 5](#)
- [Rescan VMWare Storage Adapter, on page 7](#)

# Create Storage Profile

## Summary

Creates a storage profile.

## Description

The task creates a storage profile in an account.

## Inputs

Input	Description	Mappable To Type	Mandatory
Cloud Name:		vmwareCloudNamesList	Y
Storage Profile Name:		gen_text_input	Y
Description:		gen_text_input	
Rule-Set: Rules based on vendor-specific capabilities			
Vendor		VMwareStorageProfileVendorType	Y
Number of disk Stripes Per Object	The number of HDDs across which each replica of a storage object is striped. A value higher than 1 may result in better performance, but also results in higher use of system resources. Default value: 1, Maximum value: 12	gen_text_input	
Flash read cache reservation (%)	Flash capacity reserved as a read cache for the storage object. Specified as a percentage of the logical size of the object. To be used only for addressing read performance issues. Reserved flash capacity cannot be used by other object. Unreserved flash is shared fairly among all objects. Default value: 0, Maximum value: 100	gen_text_input	
Number of failures to tolerate:	Defines the number of host, disk or network failures a storage object can tolerate. For n failures tolerated, 'n+1' copies of the object are created and 2n+1 hosts contributing storage are required. Default value: 1, Maximum value: 3	gen_text_input	
Force provisioning:	If this option is Yes, the object will be provisioned even if the policy specified in the storage policy is not satisfiable with the resources currently available in the cluster. VSAN will try to bring the object into compliance if and when the resources become available. Default Value: No	VMwareStorageProfileForceProvisioningTypeList	

Input	Description	Mappable To Type	Mandatory
Object space reservation (%):	Percentage of the logical size of the storage object that will be reserved upon VM provisioning. The rest of the storage object is thin provisioned. Default value:0, Maximum Value:100	gen_text_input	

**Outputs**

Output	Description	Type
VSAN Storage Profile Identity	VSAN Storage Profile Identity	vsan storage profile
VSAN Storage Profile Name	VSAN Storage Profile Name	vsan storage name

# Delete VMWare Storage Profile

## Summary

Deletes a storage profile.

## Description

The task deletes a storage profile from an account.

## Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select a cloud	vmwareCloudNamesList	Y
Storage Profile	Select a Storage Profile	VMwareStorageProfileList	Y

## Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input

# Edit VMware Storage Profile

## Summary

Edits a storage profile.

## Description

The task modifies a storage profile in an account.

## Inputs

Input	Description	Mappable To Type	Mandatory
Cloud Name:		vmwareCloudNamesList	Y
Storage Profile Name:		VMwareStorageProfileList	Y
Description:		gen_text_input	
Rule-Set: Rules based on vendor-specific capabilities			
Vendor		VMwareStorageProfileVendorType	Y
Number of disk Stripes Per Object	The number of HDDs across which each replica of a storage object is striped. A value higher than 1 may result in better performance, but also results in higher use of system resources. Default value: 1, Maximum value: 12	gen_text_input	
Flash read cache reservation (%)	Flash capacity reserved as a read cache for the storage object. Specified as a percentage of the logical size of the object. To be used only for addressing read performance issues. Reserved flash capacity cannot be used by other object. Unreserved flash is shared fairly among all objects. Default value: 0, Maximum value: 100	gen_text_input	
Number of failures to tolerate:	Defines the number of host, disk or network failures a storage object can tolerate. For n failures tolerated, 'n+1' copies of the object are created and 2n+1 hosts contributing storage are required. Default value: 1, Maximum value: 3	gen_text_input	
Force provisioning:	If this option is Yes, the object will be provisioned even if the policy specified in the storage policy is not satisfiable with the resources currently available in the cluster. VSAN will try to bring the object into compliance if and when the resources become available. Default Value: No	VMwareStorageProfileForceProvisioningTypeList	

Input	Description	Mappable To Type	Mandatory
Object space reservation (%):	Percentage of the logical size of the storage object that will be reserved upon VM provisioning. The rest of the storage object is thin provisioned. Default value:0, Maximum Value:100	gen_text_input	

### Outputs

Output	Description	Type
VSAN Storage Profile Identity	VSAN Storage Profile Identity	vsan storage profile
VSAN Storage Profile Name	VSAN Storage Profile Name	vsan storage name

# Rescan VMWare Storage Adapter

## Summary

Rescans the storage adapter on a host or a cluster.

## Description

The task rescans the storage or host bus adapter on a host or a cluster.

## Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select cloud name to register the host node with	gen_text_input	Y
Rescan Host Node/Cluster	Rescan Host Node/Cluster	gen_text_input	Y
Host Node	The hode node IPAddress that is to be registered with the cloud	gen_text_input	Y
Cluster	Select a cluster for rescan	gen_text_input	Y

## Outputs

Output	Description	Type
HOST_NAME_AND_ACCOUNT	Host Name and cloud account	vmHost
CLUSTER_NAME_AND_ACCOUNT	Cluster Name and cloud account	cluster

