



# EMC Unity - iSCSI Portal Operations

---

This chapter contains the following sections:

- [EMC Unity - Create iSCSI Portal, on page 2](#)
- [EMC Unity - Delete iSCSI Portal, on page 4](#)
- [EMC Unity - Modify iSCSI Portal, on page 5](#)

# EMC Unity - Create iSCSI Portal

## Summary

Create a new iSCSI portal on an EMC Unity array.

## Description

This task creates an iSCSI Portal on an EMC Unity storage array. Only one IPv4 and one IPv6 iSCSI interface per VLAN on physical port is allowed Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity\_Hybrid
- EMC Unity Ethernet Port: podName@accountName@spName@id@iportName@ipPortId. For example: Default Pod@EmcUnity@SP A@spa@SP A I/O Module 0 Ethernet Port 0@spa\_iom\_0\_eth0
- IP Address: Valid IPv4 or IPv6 Address
- Subnet Mask or Prefix Length: Valid IPv4 Address for IPv4 Address or a valid prefix Length for IPv6 Address.
- Gateway: Valid IPv4 Address
- VLAN ID: Only change this value if you have configured your switch port to support VLAN tagging of multiple VLAN IDs. The network will not work properly if this value is set incorrectly

## Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account	Select EMC Unity Account to create iSCSI portal	EMCUnityAccount Identity	Y
EMC Unity Ethernet Port	Select EMC Unity Ethernet Port to create iSCSI portal	EMCUnityEthernetPort Identity	Y
IP Address	Enter the network address in IPv4/IPv6 for the Portal	gen_text_input	Y
Subnet Mask/Prefix Length	Enter the Subnet Mask if IPv4/Prefix Length within range [1-128] if IPv6 for the network address	gen_text_input	Y
VLAN ID	Virtual LAN identifier for the network address within range [1-4094]	gen_text_input	
Gateway	Enter the gateway address for the network address	gen_text_input	

## Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IDENTITY	EMC Unity iSCSI Portal Identity	EMCUnityIscsiPortal Identity
OUTPUT_EMC_UNITY_ETHERNET_PORT_IDENTITY	EMC Unity Ethernet Port Identity	EMCUnityEthernetPort Identity

<b>Output</b>	<b>Description</b>	<b>Type</b>
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IP_ADDRESS	EMC Unity iSCSI Portal IP Address	gen_text_input
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IQN	EMC Unity iSCSI Portal IQN	gen_text_input

# EMC Unity - Delete iSCSI Portal

## Summary

Delete an iSCSI portal on an EMC Unity array.

## Description

This task deletes an iSCSI Portal on an EMC Unity storage array. Delete EMC Unity iSCSI Portal is also the rollback task for Create EMC Unity iSCSI Portal. If the Portal is associated with an iSCSI route, the route is also deleted. Input Format:

- EMC Unity iSCSI Portal:  
podName@AccountName@ipPortId@ipPortName@iqn@ipId@ipAddress@iscsiID. For example:  
Default Pod@Unity-136@SP A@spa@SP A I/O Module 0 Ethernet Port  
0@iqn.1992-04.com.emc:cx.apm00164209556.a4@spa\_iom\_0\_eth0@10.28.107.146@if\_7

## Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity iSCSI Portal	Select EMC Unity iSCSI Portal to delete	EMCUnityIscsiPortalIdentity	Y

## Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IDENTITY	EMC Unity iSCSI Portal Identity	EMCUnityIscsiPortalIdentity
OUTPUT_EMC_UNITY_ETHERNET_PORT_IDENTITY	EMC Unity Ethernet Port Identity	EMCUnityEthernetPortIdentity
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IP_ADDRESS	EMC Unity iSCSI Portal IP Address	gen_text_input
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IQN	EMC Unity iSCSI Portal IQN	gen_text_input

# EMC Unity - Modify iSCSI Portal

## Summary

Modify an existing iSCSI Portal on an EMC Unity Array.

## Description

This task modifies an iSCSI Portal on an EMC Unity storage array. Only one IPv4 and one IPv6 iSCSI interface per VLAN on physical port is allowed Input Format:

- EMC Unity iSCSI Portal:  
podName@AccountName@ipPortId@ipPortName@iqn@ipId@ipAddress@iscsiID. For example:  
Default Pod@Unity-136@SP A@spa@SP A I/O Module 0 Ethernet Port  
0@iqn.1992-04.com.emc.cx.apm00164209556.a4@spa\_iom\_0\_eth0@10.28.107.146@if\_7
- IP Address: Valid IPv4 or IPv6 Address
- Subnet Mask or Prefix Length: Valid IPv4 Address for IPv4 Address or a valid prefix Length for IPv6 Address.
- Gateway:: Valid IPv4 Address
- VLAN ID: Only change this value if you have configured your switch port to support VLAN tagging of multiple VLAN IDs. The network will not work properly if this value is set incorrectly

## Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity iSCSI Portal	Select EMC Unity iSCSI portal	EMCUnityIscsiPortal Identity	Y
IP Address	Enter the network address in IPv4/IPv6 for the Portal	gen_text_input	Y
Subnet Mask/Prefix Length	Enter the Subnet Mask if IPv4/Prefix Length within range [1-128] if IPv6 for the network address	gen_text_input	
VLAN ID	Virtual LAN identifier for the network address within range [1-4094]	gen_text_input	
Gateway	Enter the gateway address for the network address	gen_text_input	

## Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IDENTITY	EMC Unity iSCSI Portal Identity	EMCUnityIscsiPortal Identity
OUTPUT_EMC_UNITY_ETHERNET_PORT_IDENTITY	EMC Unity Ethernet Port Identity	EMCUnityEthernetPort Identity
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IP_ADDRESS	EMC Unity iSCSI Portal IP Address	gen_text_input

Output	Description	Type
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IQN	EMC Unity iSCSI Portal IQN	gen_text_input