



Cisco Fabric Tasks

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Add Cisco DCNM Fabric Network To Network Policy

Summary

This task Add Fabric Network To Network Policy allows user to create a new NIC alias in the Network Policy.

Description

This task allows user to Add Fabric Network Port Group into NIC Alias and NIC Alias is added into Network Policy. User can add the Mandatory/Optional NIC alias in the Network Policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	privateCloudNetwork PolicyProvider	Y
NIC Alias	Enter new NIC Alias.	gen_text_input	Y
NIC Mandatory	Mandatory or Optional		
Port Group Name	Port Group Name	FabricPortGroupIdentity	Y
Copy Adapter Type from Template	Copy Adapter Type from Template		
Adapter Type	Select adapter type	NetworkAdapterType	
Use DHCP	Select if DHCP is used for VM IP address allocation		
Select IP Address Source	Select IP Address Source	gen_text_input	

Outputs

No Outputs

Add Cisco DCNM Fabric Network To Network Policy Allowed PortGroup

Summary

This task Add Fabric Network To Network Policy Allowed Port group allows user to add a Fabric Port group to the existing NIC alias in the Network Policy.

Description

This task allows user to Add Fabric Network To Network Policy Allowed Port group, this should add a Fabric Portgroup to the existing NIC alias in the Network Policy. This task should enable the allow end user to choose Port group in the NIC alias if there is a single Port group available in the NIC alias. After the rollback of this task if the NIC alias has one port group then the allow end user to choose port group should be disable Otherwise the option should be enabled.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	privateCloudNetwork PolicyProvider	Y
NIC Alias	Enter NIC Alias from selected policy.	gen_text_input	Y
Allow end user to choose Port Groups	Selecting this option enables end user to choose port groups during provisioning		
Port Group Name	Port Group Name	FabricPortGroupIdentity	Y
Use DHCP	Select if DHCP is used for VM IP address allocation		
Select IP Address Source	Select IP Address Source	gen_text_input	

Outputs

No Outputs

Cisco DCNM Fabric Network Selector

Summary

This task Fabric Network Selector contains the Fabric Network related information as Output.

Description

This task Fabric Network Selector allows user to choose the Fabric Network. Output of this task contains the Fabric Network related details.

Inputs

Input	Description	Mappable To Type	Mandatory
Segment Id	Select Segment Id	FabricNetworkIdentity	Y

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_ACCOUNT_NAME	Name of the Account for which the selected operation was performed	gen_text_input
OUTPUT_ORGANIZATION_ID	Identity of the organization for which the selected operation was performed	FabricOrganization Identity
OUTPUT_ORGANIZATION_NAME	Name of the organization for which the selected operation was performed	gen_text_input
OUTPUT_PARTITION_ID	Identity of the partition for which the selected operation was performed	FabricPartitionIdentity
OUTPUT_PARTITION_NAME	Name of the partition for which the selected operation was performed	gen_text_input
OUTPUT_NETWORK_ID	Identity of the network for which the selected operation was performed	FabricNetworkIdentity
OUTPUT_NETWORK_NAME	Name of the network for which the selected operation was performed	gen_text_input
OUTPUT_NETWORK_SEGMENTID	Identity of the network segment for which the selected operation was performed	FabricNetworkSegment PoolIdentity
OUTPUT_PROFILE_NAME	Name of the profile for which the selected operation was performed	FabricNetworkProfile Identity
OUTPUT_VLAN_ID	Id of the vlan which will be mapped	vlanID
OUTPUT_VSWITCH_ID	vSwitch identity for which the selected operation was performed	FabricvSwitchIdentity
OUTPUT_DVSWITCH_ID	dvSwitch identity for which the selected operation was performed	FabricdvSwitchIdentity
OUTPUT_MOBILITY_DOMAIN_IDENTITY	Mobility Domain identity for which the selected operation was performed	FabricMobilityDomain Identity

Cisco DCNM Fabric Port Group Selector

Summary

This task Fabric Port Group Selector contains Fabric Port group related information as Output.

Description

This task Fabric Port Group Selector allows user to choose the Port group or Fabric Port group. Output of this task contains the Port group/ Fabric Port group related details.

Inputs

Input	Description	Mappable To Type	Mandatory
Port Group	Port Group Name	vmwareVmPortGroupIdentity	
Fabric Port Group	Port Group Name	FabricPortGroupIdentity	

Outputs

Output	Description	Type
OUTPUT_PORT_GROUP_NAME	Created port group name for which the selected operation was performed	portGroupName
OUTPUT_PORT_GROUP_IDENTITY	Identity of the port group for which the selected operation was performed	vmwareVmPortGroupIdentity
OUTPUT_PORT_GROUP_TYPE	Created port group type for which the selected operation was performed	portGroupType
OUTPUT_FABRIC_PORT_GROUP_NAME	Created Fabric port group name for which the selected operation was performed	gen_text_input
OUTPUT_FABRIC_PORT_GROUP_IDENTITY	Identity of the Fabric port group for which the selected operation was performed	FabricPortGroupIdentity
OUTPUT_SWITCH_NAME	Switch name for which the selected operation was performed	FabricSwitchName
OUTPUT_VSWITCH_ID	vSwitch identity for which the selected operation was performed	FabricvSwitchIdentity
OUTPUT_DVSWITCH_ID	dvSwitch identity for which the selected operation was performed	FabricdvSwitchIdentity
OUTPUT_HOST_NAME	Host Name for which the selected operation was performed	gen_text_input
OUTPUT_VLAN_ID	Id of the vlan which will be mapped	vlanID
OUTPUT_VMWARE_PORT_GROUP_IDENTITY	Vmware port group Identity for which the selected operation was performed	portGroupIdentity
OUTPUT_VMWARE_DVPORT_GROUP_IDENTITY	Vmware dv-port group Identity for which the selected operation was performed	VMwareDVPortgroupIdentity

Cisco DCNM Fabric VDC Selector

Summary

This task Fabric VDC Selector contains the network, storage, compute and system policies and switch related information as Output.

Description

This task Fabric VDC Selector allows user to choose the Account and VDC, the corresponding Account, VDC Switch Association should be available in the Fabric VDC Switch Association Policy. Output of this task contains the compute, network, Storage and system policies of selected VDC and the first four vswitches, dvSwitches, n1kSwitches, list of the vswitches and dvSwitches of Fabric VDC Switch Association Report.

Inputs

Input	Description	Mappable To Type	Mandatory
Fabric Account	Select an account	DCNMAccountIdentity	Y
Select VDC	Select vdc.	vDC	Y

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_VDC_COMPUTE_POLICY	VDC Compute Policy Name for which the selected operation was performed	gen_text_input
OUTPUT_VDC_STORAGE_POLICY	VDC Storage Policy Name for which the selected operation was performed	gen_text_input
OUTPUT_VDC_NETWORK_POLICY	VDC Network Policy Name for which the selected operation was performed	privateCloudNetworkPolicyProvider
OUTPUT_VDC_SYSTEM_POLICY	VDC System Policy Name for which the selected operation was performed	gen_text_input
OUTPUT_VSWITCH_ID_1	vSwitch identity for which the selected operation was performed	FabricvSwitchIdentity
OUTPUT_VSWITCH_ID_2	vSwitch identity for which the selected operation was performed	FabricvSwitchIdentity
OUTPUT_VSWITCH_ID_3	vSwitch identity for which the selected operation was performed	FabricvSwitchIdentity
OUTPUT_VSWITCH_ID_4	vSwitch identity for which the selected operation was performed	FabricvSwitchIdentity
OUTPUT_VSWITCH_IDS	vSwitch identities for which the selected operation was performed	gen_text_input
OUTPUT_DVSWITCH_ID_1	dvSwitch identity for which the selected operation was performed	FabricdvSwitchIdentity

Output	Description	Type
OUTPUT_DVSWITCH_ID_2	dvSwitch identity for which the selected operation was performed	FabricdvSwitchIdentity
OUTPUT_DVSWITCH_ID_3	dvSwitch identity for which the selected operation was performed	FabricdvSwitchIdentity
OUTPUT_DVSWITCH_ID_4	dvSwitch identity for which the selected operation was performed	FabricdvSwitchIdentity
OUTPUT_DVSWITCH_IDS	dvSwitch identities for which the selected operation was performed	gen_text_input
OUTPUT_N1KSWITCH_ID_1	N1KSwitch identity for which the selected operation was performed	FabricdvSwitchIdentity
OUTPUT_N1KSWITCH_ID_2	N1KSwitch identity for which the selected operation was performed	FabricdvSwitchIdentity
OUTPUT_N1KSWITCH_ID_3	N1KSwitch identity for which the selected operation was performed	FabricdvSwitchIdentity
OUTPUT_N1KSWITCH_ID_4	N1KSwitch identity for which the selected operation was performed	FabricdvSwitchIdentity
OUTPUT_GROUP_ID	This Group is selected while creating Organization	gen_text_input
OUTPUT_GROUP_NAME	This Group is selected while creating Organization	gen_text_input

Create Cisco DCNM Fabric Mobility Domain

Summary

This task Creates Fabric Mobility Domain. Contains MobilityDomain ID and MobilityDomain Identity as Output.

Description

This task allows user to Create Fabric Mobility Domain.

Inputs

Input	Description	Mappable To Type	Mandatory
Fabric Account	Select an account	DCNMAccountIdentity	Y
MobilityDomain Name	Enter MobilityDomain Name	gen_text_input	Y
VLAN Range	Enter VLAN Range	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_MOBILITY_DOMAIN_ID	Mobility Domain for which the selected operation was performed	gen_text_input
OUTPUT_MOBILITY_DOMAIN_IDENTITY	Mobility Domain identity for which the selected operation was performed	FabricMobilityDomain Identity

Create Cisco DCNM Fabric Network

Summary

This task Creates Fabric Network contains Fabric Network as Output.

Description

This task allows user to select the Switch from a Specific Cloud to which the Fabric Network should be created in the corresponding DCNM Account. Created Fabric Network information should be displayed in the Fabric Network Report, Fabric Port Group Report contains the Information of the port group associated with Fabric Network and Fabric Network Config Profile Report contains the information about the Profile associated with the Fabric Network By default there will be the vCenter IP as the Mobility Domain ID, we can change the mobility domain id with some other IP Address, For N1k Switch the vlanid=0 and Mobility Domain Id will be None For start ip and end ip the following scenarios are applicable a.Default gateway = 1.1.1.1, DHCP range is 1.1.1.2-1.1.1.10, then static range should be staticIpStart=1.1.1.11, staticIpEnd=1.1.1.254 b. Default gateway =1.1.1.1, DHCP range is unspecified, then static range should be staticIpStart=1.1.1.2, staticIpEnd=1.1.1.254 c. Default gateway = 1.1.1.10, DHCP range is 1.1.1.11-1.1.1.19, then static range should be staticIpStart=1.1.1.20, staticIpEnd=1.1.1.254 OR staticIpStart=1.1.1.1, staticIpEnd=1.1.1.9 d. Default gateway = 1.1.1.1, DHCP range is 1.1.1.2-1.1.1.254, then static range should be BLANK. e. If the startip and end ip are specified in the task then the values should be persist. While calculating the ip range or static ip range it should assign max IP available part. Output of this task contains DCNM Account, Fabric Organization, Fabric Partition and Fabric Network along with the Switch Name, vmware Port groups, Fabric Port groups, vlan id and mobility domain id. Note: The parameters Network Role, Secondary Gateway IP address are dependent on the DCNM Account Version and should be displayed as empty when the underlying DCNM Account version doesnât support these.

Inputs

Input	Description	Mappable To Type	Mandatory
Partition	Enter Partition	FabricPartitionIdentity	Y
Network Name	Enter Network Name	gen_text_input	Y
Network Role	Enter Network Role	FabricNetworkRole	Y
Description	Enter Description	gen_text_input	
Gateway IP Address	Enter Gateway IP Address	ipv4Address	
Subnet Mask	Enter Subnet Mask	subnetMask	
Switch Type	Select Switch Type	FabricNetworkSwitchType	
Select dvSwitch	Select dvSwitch.	FabricdvSwitchIdentity	
Select vSwitch	Select vSwitch.	FabricvSwitchIdentity	
Profile Name	Select Profile Name	FabricNetworkProfile Identity	Y
Profile Parameters			
DHCP Server Address	Enter Profile dhcpServer Address	ipv4Address	
vrfDhcp	Enter vrfDhcp	gen_text_input	

Input	Description	Mappable To Type	Mandatory
mtuValue	Enter mtuValue	gen_text_input	
dhcpServerv6Address	Enter dhcpServerv6Address	gen_text_input	
vrfv6Dhcp	Enter vrfv6Dhcp	gen_text_input	
IPv6 enabled	Enable Ipv6		
Gateway IPv6 Address	Enter Profile gateway Ipv6Address	gen_text_input	
Prefix Length	Enter Profile prefixLength	gen_text_input	
Network Id			
Segment Id	Enter Segment ID	gen_text_input	Y
AutoSelect	is segmentId autoSelect		
Mobility Domain Id	Enter Mobility Domain Id	gen_text_input	Y
AutoSelect Mobility Domain Id	is Mobility Domain Id auto Select		
Vlan	Enter vlan	gen_text_input	
DHCP Scope			
DHCP enabled	Enable DHCP		
IP Range	Enter IP Range	gen_text_input	
Service Configuration Parameters			
Start IP	Enter Start IP	ipv4Address	
End IP	Enter End IP	ipv4Address	
Secondary Gateway	Enter Secondary Gateway	ipv4Address	

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_ACCOUNT_NAME	Name of the Account for which the selected operation was performed	gen_text_input
OUTPUT_ORGANIZATION_ID	Identity of the organization for which the selected operation was performed	FabricOrganization Identity
OUTPUT_ORGANIZATION_NAME	Name of the organization for which the selected operation was performed	gen_text_input
OUTPUT_PARTITION_ID	Identity of the partition for which the selected operation was performed	FabricPartitionIdentity

Output	Description	Type
OUTPUT_PARTITION_NAME	Name of the partition for which the selected operation was performed	gen_text_input
OUTPUT_NETWORK_ID	Identity of the network for which the selected operation was performed	FabricNetworkIdentity
OUTPUT_NETWORK_NAME	Name of the network for which the selected operation was performed	gen_text_input
OUTPUT_NETWORK_SEGMENTID	Identity of the network segment for which the selected operation was performed	FabricNetworkSegmentPoolIdentity
OUTPUT_PROFILE_ID	Identity of the profile for which the selected operation was performed	FabricNetworkProfileIdentity
OUTPUT_PROFILE_NAME	Name of the profile for which the selected operation was performed	FabricNetworkProfileIdentity
OUTPUT_VLAN_ID	Id of the vlan which will be mapped	vlanID
OUTPUT_PORT_GROUP_IDENTITY	Identity of the port group for which the selected operation was performed	vmwareVmPortGroupIdentity
OUTPUT_PORT_GROUP_NAME	Created port group name for which the selected operation was performed	portGroupName
OUTPUT_PORT_GROUP_TYPE	Created port group type for which the selected operation was performed	portGroupType
OUTPUT_SWITCH_NAME	Switch name for which the selected operation was performed	FabricSwitchName
OUTPUT_FABRIC_PORT_GROUP_IDENTITY	Identity of the Fabric port group for which the selected operation was performed	FabricPortGroupIdentity
OUTPUT_FABRIC_PORT_GROUP_NAME	Created Fabric port group name for which the selected operation was performed	gen_text_input
OUTPUT_VMWARE_PORT_GROUP_IDENTITY	Vmware port group Identity for which the selected operation was performed	portGroupIdentity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY	Vmware vm port group Identity for which the selected operation was performed	vmwareVmPortGroupIdentity
OUTPUT_VMWARE_DVPORT_GROUP_IDENTITY	Vmware dv-port group Identity for which the selected operation was performed	VMwareDVPortgroupIdentity
OUTPUT_MOBILITY_DOMAIN_ID	Mobility Domain for which the selected operation was performed	gen_text_input
OUTPUT_MOBILITY_DOMAIN_IDENTITY	Mobility Domain identity for which the selected operation was performed	FabricMobilityDomainIdentity

Create Cisco DCNM Fabric Network for VDC Enabled Switches

Summary

This task Creates Fabric Network for VDC Enabled Switches allows user to create Port groups/Fabric Port groups as Output.

Description

This task allows user to Create Fabric Network for VDC Enabled Switches, based on the switches(vSwitch/dvSwitch/N1KSwitch) available in the Fabric VDC Switch Association Policy. User select all vSwitches/ all dvSwitches, It creates one Fabric Network with vSwitch/dvSwitch and creates remaining port groups and added into NIC alias. Created portGroups having same vlanId. For start ip and end ip the following scenarios are applicable a.Default gateway = 1.1.1.1, DHCP range is 1.1.1.2-1.1.1.10, then static range should be staticIpStart=1.1.1.11, staticIpEnd=1.1.1.254 b. Default gateway =1.1.1.1, DHCP range is unspecified, then static range should be staticIpStart=1.1.1.2, staticIpEnd=1.1.1.254 c. Default gateway = 1.1.1.10, DHCP range is 1.1.1.11-1.1.1.19, then static range should be staticIpStart=1.1.1.20, staticIpEnd=1.1.1.254 OR staticIpStart=1.1.1.1, staticIpEnd=1.1.1.9 d. Default gateway = 1.1.1.1, DHCP range is 1.1.1.2-1.1.1.254, then static range should be BLANK. e. If the startip and end ip are specified in the task then the values should be persist. While calculating the ip range or static ip range it should assign max IP available part. Output of this task contains the Port group, Fabric Port group details, Mobility Domain ID, vlanid and vlanid list. Note: 1. User is having a N1k Switch in the Fabric VDC Switch Association Policy, if user used this with the combination of dvswitch available in the Fabric VDC Switch Association Policy then the task fails. 2. The parameters Network Role, Secondary Gateway IP address are dependent on the DCNM Account Version and should be displayed as empty when the underlying DCNM Account version doesnât support these.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VDC	Select VDC from VDC Fabric Switch Association	vDC	Y
Switch Type	Select Switch Type		Y
Partition Name	Enter Partition Name	FabricPartitionIdentity	Y
Network Name	Enter Network Name	gen_text_input	Y
Network Role	Enter Network Role	FabricNetworkRole	Y
Description	Enter Description	gen_text_input	
Gateway IP Address	Enter Gateway IP Address	ipv4Address	
Subnet Mask	Enter Subnet Mask	subnetMask	
Profile Name	Select Profile Name	FabricNetworkProfile Identity	Y
Profile Parameters			
DHCP Server Address	Enter Profile dhcpServerAddress	ipv4Address	
vrfDhcp	Enter vrfDhcp	gen_text_input	
mtuValue	Enter mtuValue	gen_text_input	
dhcpServerv6Address	Enter dhcpServerv6Address	gen_text_input	

Input	Description	Mappable To Type	Mandatory
vrfv6Dhcp	Enter vrfv6Dhcp	gen_text_input	
IPv6 enabled	Enable Ipv6		
Gateway IPv6 Address	Enter Profile gatewayIpv6Address	gen_text_input	
Prefix Length	Enter Profile prefixLength	gen_text_input	
Network Id			
Segment Id	Enter Segment ID	gen_text_input	Y
AutoSelect	is segmentId autoSelect		
Mobility Domain Id	Enter Mobility Domain Id	gen_text_input	Y
AutoSelect Mobility Domain Id	is Mobility Domain Id autoSelect		
DHCP Scope			
DHCP enabled	Enable DHCP		
IP Range	Enter IP Range	gen_text_input	
Service Configuration Parameters			
Start IP	Enter Start IP	ipv4Address	
End IP	Enter End IP	ipv4Address	
Secondary Gateway	Enter Secondary Gateway	ipv4Address	
Allow NIC Alias Update			
Add Port Group to Network Policy	Add Port Group to network Policy		
Allow end user to choose Port Groups	Selecting this option enables end user to choose port groups during provisioning		
NIC Alias	Enter NIC names separated by comma	gen_text_input	Y
Use DHCP	Select if DHCP is used for VM IP address allocation		
Select IP Address Source	Select IP Address Source	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_FABRIC_PORT_GROUP_IDENTITY_1	Identity of the Fabric port group for which the selected operation was performed	FabricPortGroup Identity
OUTPUT_FABRIC_PORT_GROUP_IDENTITY_2	Identity of the DFA port group for which the selected operation was performed	FabricPortGroup Identity

Output	Description	Type
OUTPUT_FABRIC_PORT_GROUP_IDENTITY_3	Identity of the Fabric port group for which the selected operation was performed	FabricPortGroup Identity
OUTPUT_FABRIC_PORT_GROUP_IDENTITY_4	Identity of Fabric the port group for which the selected operation was performed	FabricPortGroup Identity
OUTPUT_PORT_GROUP_IDENTITY_1	Identity of the port group for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_PORT_GROUP_IDENTITY_2	Identity of the port group for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_PORT_GROUP_IDENTITY_3	Identity of the port group for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_PORT_GROUP_IDENTITY_4	Identity of the port group for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_PORT_GROUP_IDENTITIES	dvSwitch identities for which the selected operation was performed	gen_text_input
OUTPUT_VLAN_ID_1	Id of the vlan which will be mapped	vlanID
OUTPUT_VLAN_ID_2	Id of the vlan which will be mapped	vlanID
OUTPUT_VLAN_ID_3	Id of the vlan which will be mapped	vlanID
OUTPUT_VLAN_ID_4	Id of the vlan which will be mapped	vlanID
OUTPUT_VLANS	vlangs which will be mapped	gen_text_input
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY_1	Vmware vm port group Identity for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY_2	Vmware vm port group Identity for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY_3	Vmware vm port group Identity for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY_4	Vmware vm port group Identity for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_VMWARE_PORT_GROUP_IDENTITY_1	Vmware port group Identity for which the selected operation was performed	portGroupIdentity
OUTPUT_VMWARE_PORT_GROUP_IDENTITY_2	Vmware port group Identity for which the selected operation was performed	portGroupIdentity
OUTPUT_VMWARE_PORT_GROUP_IDENTITY_3	Vmware port group Identity for which the selected operation was performed	portGroupIdentity
OUTPUT_VMWARE_PORT_GROUP_IDENTITY_4	Vmware port group Identity for which the selected operation was performed	portGroupIdentity
OUTPUT_VMWARE_DVPORT_GROUP_IDENTITY_1	Vmware dv-port group Identity for which the selected operation was performed	VMwareDVPortgroup Identity
OUTPUT_VMWARE_DVPORT_GROUP_IDENTITY_2	Vmware dv-port group Identity for which the selected operation was performed	VMwareDVPortgroup Identity

Output	Description	Type
OUTPUT_VMWARE_DVPORT_GROUP_IDENTITY_3	Vmware dv-port group Identity for which the selected operation was performed	VMwareDVPortgroup Identity
OUTPUT_VMWARE_DVPORT_GROUP_IDENTITY_4	Vmware dv-port group Identity for which the selected operation was performed	VMwareDVPortgroup Identity
OUTPUT_MOBILITY_DOMAIN_ID	Mobility Domain for which the selected operation was performed	gen_text_input
OUTPUT_MOBILITY_DOMAIN_IDENTITY	Mobility Domain identity for which the selected operation was performed	FabricMobilityDomain Identity

Create Cisco DCNM Fabric Organization

Summary

This task Creates Fabric Organization contains Fabric Organization as Output.

Description

This task allows user to Create Fabric Organization with a group, in the DCNM Account level only one Group can be associated to a Single Fabric Organization. Output of this task contains the DCNM Account details, Fabric Organization and Group.

Inputs

Input	Description	Mappable To Type	Mandatory
Fabric Account	Select an account	DCNMAccountIdentity	Y
Organization Name	Enter Organization Name	gen_text_input	Y
Description	Enter Organization Description	gen_text_input	
Orchestration Source	Enter Orchestration Source		
Group	User Group	userGroup	Y

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_ACCOUNT_NAME	Name of the Account for which the selected operation was performed	gen_text_input
OUTPUT_ORGANIZATION_ID	Identity of the organization for which the selected operation was performed	FabricOrganization Identity
OUTPUT_ORGANIZATION_NAME	Name of the organization for which the selected operation was performed	gen_text_input
OUTPUT_GROUP_ID	This Group is selected while creating Organization	gen_text_input
OUTPUT_GROUP_NAME	This Group is selected while creating Organization	gen_text_input

Create Cisco DCNM Fabric Partition

Summary

This task Creates Fabric Partition contains Fabric Partition as Output.

Description

This task allows user to Create Fabric Partition under a Fabric Organization, we can create a number of Fabric Partitions under a Single Fabric Organization. Based on the Fabric Encapsulation the profile Name will be displayed. If Extend the Partition across Fabric is Enabled then DCI id is mandatory and in the DCNM corresponding configurations should be done. Output of this task contains the DCNM Account details, Fabric Organization and Fabric Partition. Note: The parameters DCI ID, Multi Cast Group Address and profile Parameters are applicable for only Version 7.1(0.139) or higher version. If the Profile Name is None then profile Parameters will not be displayed where as if profile Name is other than Non-None then only BorderLeafRt will be displayed. All Higher version parameters are optional and in the lower version DCNM in UCSD will display as empty. If Extend the Partition across Fabric then profile Name should be Non-None

Inputs

Input	Description	Mappable To Type	Mandatory
Organization Name	Select Organization Name	FabricOrganization Identity	Y
Partition Name	Enter Partition Name	gen_text_input	Y
Description	Enter Description	gen_text_input	
DCI ID	Enter DCI ID	gen_text_input	
Extend the Partition across the Fabric	Extend the Partition across the Fabric		
Service Node IP Address	Enter Service Node IP Address	ipv4Address	
DNS Server	Enter DNS Server	ipv4Address	
Secondary DNS Server	Enter Secondary DNS Server	ipv4Address	
Multi Cast Group Address	Enter Multi Cast Group Address	ipv4Address	
Profile Name	Enter Profile Name	FabricPartitionProfile Identity	
Profile Parameters			
Border LeafRt	Enter Border LeafRt	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_ACCOUNT_NAME	Name of the Account for which the selected operation was performed	gen_text_input

Output	Description	Type
OUTPUT_ORGANIZATION_ID	Identity of the organization for which the selected operation was performed	FabricOrganizationIdentity
OUTPUT_ORGANIZATION_NAME	Name of the organization for which the selected operation was performed	gen_text_input
OUTPUT_PARTITION_ID	Identity of the partition for which the selected operation was performed	FabricPartitionIdentity
OUTPUT_PARTITION_NAME	Name of the partition for which the selected operation was performed	gen_text_input

Create VDC-Cisco DCNM Fabric Switch Association

Summary

This task Creates VDC Fabric Switch Association contains Fabric VDC Association in the Fabric VDC Switch Association Policy Report.

Description

This task allows user to Create VDC Fabric Switch Association.Fabric,VDC Association with the corresponding Switch should be created in the Fabric VDC Switch Association Policy Report. User should select Switch from cloud account which is associated into the VDC.Selected Fabric VDC Switch available in Fabric VDC Switch Association Policy Report. VDC Fabric Switch Association Policy used for Create End User Fabric Network and Create Fabric Network for Enabled Switches task.

Inputs

Input	Description	Mappable To Type	Mandatory
Fabric Account	Select an account	DCNMAccountIdentity	Y
Select VDC	Select vdc.	vDC	Y
Select Switches	Select Switches.	FabricSwitchIdentity	Y

Outputs

No Outputs

Create end-user Cisco DCNM Fabric Network

Summary

This task Create end-user Fabric Network allows user to create the Fabric Networks for the Switches available in the Fabric VDC Switch Association Policy.

Description

This task allows user to Create end-user Fabric Network, based on the switches available in the VDC Fabric Switch Association Policy. It creates Fabric Networks based on the Association in Fabric VDC Switch Association Policy. Fabric Networks are added into the corresponding NIC alias. User should specify the NIC alias present in the Network Policy for any VDC available in the VDC Fabric Switch Association Policy. For start ip and end ip the following scenarios are applicable a. Default gateway = 1.1.1.1, DHCP range is 1.1.1.2-1.1.1.10, then static range should be staticIpStart=1.1.1.11, staticIpEnd=1.1.1.254 b. Default gateway =1.1.1.1, DHCP range is unspecified, then static range should be staticIpStart=1.1.1.2, staticIpEnd=1.1.1.254 c. Default gateway = 1.1.1.10, DHCP range is 1.1.1.11-1.1.1.19, then static range should be staticIpStart=1.1.1.20, staticIpEnd=1.1.1.254 OR staticIpStart=1.1.1.1, staticIpEnd=1.1.1.9 d. Default gateway = 1.1.1.1, DHCP range is 1.1.1.2-1.1.1.254, then static range should be BLANK. e. If the startip and end ip are specified in the task then the values should be persist. While calculating the ip range or static ip range it should assign max IP available part. Output of this task contains the Port group, Fabric Port group details, Mobility Domain ID, vlanid and vlanid list. Note: The parameters Network Role, Secondary Gateway IP address are dependent on the DCNM Account Version and should be displayed as empty when the underlying DCNM Account version doesn't support these.

Inputs

Input	Description	Mappable To Type	Mandatory
Partition Name	Enter Partition Name	FabricPartitionIdentity	Y
Network Name	Enter Network Name	gen_text_input	Y
Network Role	Enter Network Role	FabricNetworkRole	Y
Description	Enter Description	gen_text_input	
Gateway IP Address	Enter Gateway IP Address	ipv4Address	
Subnet Mask	Enter Subnet Mask	subnetMask	
Profile Name	Select Profile Name	FabricNetworkProfile Identity	Y
Profile Parameters			
DHCP Server Address	Enter Profile dhcpServerAddress	ipv4Address	
vrfDhcp	Enter vrfDhcp	gen_text_input	
mtuValue	Enter mtuValue	gen_text_input	
dhcpServerv6Address	Enter dhcpServerv6Address	gen_text_input	
vrfv6Dhcp	Enter vrfv6Dhcp	gen_text_input	
IPv6 enabled	Enable Ipv6		
Gateway IPv6 Address	Enter Profile gatewayIpv6Address	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Prefix Length	Enter Profile prefixLength	gen_text_input	
Network Id			
Segment Id	Enter Segment ID	gen_text_input	Y
AutoSelect	is segmentId autoSelect		
Mobility Domain Id	Enter Mobility Domain Id	gen_text_input	Y
AutoSelect Mobility Domain Id	is Mobility Domain Id autoSelect		
DHCP Scope			
DHCP enabled	Enable DHCP		
IP Range	Enter IP Range	gen_text_input	
Service Configuration Parameters			
Start IP	Enter Start IP	ipv4Address	
End IP	Enter End IP	ipv4Address	
Secondary Gateway	Enter Secondary Gateway	ipv4Address	
Allow NIC Alias Update			
Add Port Group to Network Policy	Add Port Group to network Policy		
Allow end user to choose Port Groups	Selecting this option enables end user to choose port groups during provisioning		
NIC Alias	Enter NIC names separated by comma	gen_text_input	Y
Use DHCP	Select if DHCP is used for VM IP address allocation		
Select IP Address Source	Select IP Address Source	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_FABRIC_PORT_GROUP_IDENTITY_1	Identity of the Fabric port group for which the selected operation was performed	FabricPortGroup Identity
OUTPUT_FABRIC_PORT_GROUP_IDENTITY_2	Identity of the DFA port group for which the selected operation was performed	FabricPortGroup Identity
OUTPUT_FABRIC_PORT_GROUP_IDENTITY_3	Identity of the Fabric port group for which the selected operation was performed	FabricPortGroup Identity
OUTPUT_FABRIC_PORT_GROUP_IDENTITY_4	Identity of Fabric the port group for which the selected operation was performed	FabricPortGroup Identity

Output	Description	Type
OUTPUT_PORT_GROUP_IDENTITY_1	Identity of the port group for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_PORT_GROUP_IDENTITY_2	Identity of the port group for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_PORT_GROUP_IDENTITY_3	Identity of the port group for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_PORT_GROUP_IDENTITY_4	Identity of the port group for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_PORT_GROUP_IDENTITIES	dvSwitch identities for which the selected operation was performed	gen_text_input
OUTPUT_VLAN_ID_1	Id of the vlan which will be mapped	vlanID
OUTPUT_VLAN_ID_2	Id of the vlan which will be mapped	vlanID
OUTPUT_VLAN_ID_3	Id of the vlan which will be mapped	vlanID
OUTPUT_VLAN_ID_4	Id of the vlan which will be mapped	vlanID
OUTPUT_VLANS	vlangs which will be mapped	gen_text_input
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY_1	Vmware vm port group Identity for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY_2	Vmware vm port group Identity for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY_3	Vmware vm port group Identity for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY_4	Vmware vm port group Identity for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_VMWARE_PORT_GROUP_IDENTITY_1	Vmware port group Identity for which the selected operation was performed	portGroupIdentity
OUTPUT_VMWARE_PORT_GROUP_IDENTITY_2	Vmware port group Identity for which the selected operation was performed	portGroupIdentity
OUTPUT_VMWARE_PORT_GROUP_IDENTITY_3	Vmware port group Identity for which the selected operation was performed	portGroupIdentity
OUTPUT_VMWARE_PORT_GROUP_IDENTITY_4	Vmware port group Identity for which the selected operation was performed	portGroupIdentity
OUTPUT_VMWARE_DVPORT_GROUP_IDENTITY_1	Vmware dv-port group Identity for which the selected operation was performed	VMwareDVPortgroup Identity
OUTPUT_VMWARE_DVPORT_GROUP_IDENTITY_2	Vmware dv-port group Identity for which the selected operation was performed	VMwareDVPortgroup Identity
OUTPUT_VMWARE_DVPORT_GROUP_IDENTITY_3	Vmware dv-port group Identity for which the selected operation was performed	VMwareDVPortgroup Identity
OUTPUT_VMWARE_DVPORT_GROUP_IDENTITY_4	Vmware dv-port group Identity for which the selected operation was performed	VMwareDVPortgroup Identity

Output	Description	Type
OUTPUT_MOBILITY_DOMAIN_ID	Mobility Domain for which the selected operation was performed	gen_text_input
OUTPUT_MOBILITY_DOMAIN_IDENTITY	Mobility Domain identity for which the selected operation was performed	FabricMobilityDomain Identity

Delete Cisco DCNM Fabric Mobility Domain

Summary

This task Deletes Fabric Mobility Domain.

Description

This task allows user to Delete Fabric Mobility Domain.

Inputs

Input	Description	Mappable To Type	Mandatory
MobilityDomain Name	Select MobilityDomain Name	FabricMobilityDomainIdentity	Y

Outputs

No Outputs

Delete Cisco DCNM Fabric Network

Summary

This task Deletes Fabric Network contains Fabric Network,DCNM Account,Fabric Organization and Fabric Partition as Output.

Description

This task allows user to delete the Fabric Network. When the Portgroup is attached to the VM, then Force Delete Flag by default false, Number of Retry and Iteration if Force delete is enabled. By default if Force Delete is enabled, Retry is zero and Iteration is 30sec. Note: Even though port profile is attached to VM or not, the port profile will be deleted in the vCenter for Force Delete Network. Output of this task contains DCNM Account, Fabric Organization and Fabric Partition.

Inputs

Input	Description	Mappable To Type	Mandatory
Segment Id	Select Segment Id	FabricNetworkIdentity	Y
Force Delete Network	Delete Network even is VM attached		
No Of Retry	No of retry to delete port group	gen_text_input	
Retry Interval(In Sec)	Retry interval to delete port group	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_ACCOUNT_NAME	Name of the Account for which the selected operation was performed	gen_text_input
OUTPUT_ORGANIZATION_ID	Identity of the organization for which the selected operation was performed	FabricOrganization Identity
OUTPUT_ORGANIZATION_NAME	Name of the organization for which the selected operation was performed	gen_text_input
OUTPUT_PARTITION_ID	Identity of the partition for which the selected operation was performed	FabricPartitionIdentity
OUTPUT_PARTITION_NAME	Name of the partition for which the selected operation was performed	gen_text_input

Delete Cisco DCNM Fabric Organization

Summary

This task Deletes Fabric Organization contains Fabric Organization and DCNM Account as Output.

Description

This task allows user to Delete Fabric Organization. The deletion of Fabric Organization can be possible if there are no Fabric Partition and Fabric Network under it. Output of this task contains the DCNM Account.

Inputs

Input	Description	Mappable To Type	Mandatory
Organization Name	Select Organization Name	FabricOrganizationIdentity	Y

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_ACCOUNT_NAME	Name of the Account for which the selected operation was performed	gen_text_input

Delete Cisco DCNM Fabric Partition

Summary

This task Delete Fabric Partition contains Fabric Partition,DCNM Account and Fabric Organization as Output.

Description

This task allows user to delete Fabric Partition. The Fabric Partition should be deleted if there are no Fabric Networks associated with it. Output of this task contains the DCNM Account and Fabric Organization.

Inputs

Input	Description	Mappable To Type	Mandatory
Partition Name	Select Partition Name	FabricPartitionIdentity	Y

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_ACCOUNT_NAME	Name of the Account for which the selected operation was performed	gen_text_input
OUTPUT_ORGANIZATION_ID	Identity of the organization for which the selected operation was performed	FabricOrganization Identity
OUTPUT_ORGANIZATION_NAME	Name of the organization for which the selected operation was performed	gen_text_input

Delete VDC-Cisco DCNM Fabric Switch Association

Summary

This task Deletes VDC Fabric Switch Association Policy

Description

This task allows user to Delete VDC Fabric Switch Association. VDC Fabric Switch association removed from the Fabric VDC Switch Association Policy Report.

Inputs

Input	Description	Mappable To Type	Mandatory
VDC Fabric Switch Association	Select Association	FabricVdcSwitchMapping Identity	Y

Outputs

No Outputs

Extend Cisco DCNM Fabric Network Switch Association

Summary

This task Enables Fabric Network Switch Association contains Port groups for a Fabric Network as Output.

Description

This task allows user to Enable Fabric Network Switch Association, this task creates the Fabric Port groups for the selected Fabric Network in the Fabric Port Group Report. For all the created Port groups the Vlan ID should be same as the Selected Fabric Network. If the Selected Switch is from other cloud Account with respect to the selected Fabric Network, then a new Fabric Network should be created along with the Port group. Also if the selected Switches are multiple with the other cloud Account then a New Fabric Network should be created and remaining other cloud Account switches corresponding port groups should be created. Created portgroups vlanId is same in specific cloud.vlanId is not available on selected switch in a specific cloud task fails. Output of this task contains VLAN ID and Port group Details. Note: User can only select a Single vSwitch/dvSwitch Switch for map to user input.Enabling the NIK switch is not applicable.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Network	Select the Network.	FabricNetworkIdentity	Y
Switch Type	Select Switch Type	FabricNetworkSwitchType	
Select dvSwitch	Select dvSwitch.	FabricdvSwitchIdentity	Y
Mobility Domain Id	Select mobility domain	FabricMobilityDomainIdentity	
Use global mobility domain	Use global mobility domain		

Outputs

Output	Description	Type
OUTPUT_VLAN_ID	Id of the vlan which will be mapped	vlanID
OUTPUT_PORT_GROUP_IDENTITY	Identity of the port group for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_PORT_GROUP_NAME	Created port group name for which the selected operation was performed	portGroupName

Modify Cisco DCNM Fabric Mobility Domain

Summary

This task Modifies Fabric Mobility Domain. Contains MobilityDomain ID and MobilityDomain Identity as Output.

Description

This task allows user to Modify Fabric Mobility Domain.

Inputs

Input	Description	Mappable To Type	Mandatory
MobilityDomain Name	Select MobilityDomain Name	FabricMobilityDomainIdentity	Y
VLAN Range	Enter VLAN Range	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_MOBILITY_DOMAIN_ID	Mobility Domain for which the selected operation was performed	gen_text_input
OUTPUT_MOBILITY_DOMAIN_IDENTITY	Mobility Domain identity for which the selected operation was performed	FabricMobilityDomain Identity

Modify Cisco DCNM Fabric Network

Summary

This task Modifies Fabric Network contains Fabric Network as Output.

Description

This task allows user to modify any of the network information which is created. Modified Fabric Network information should be displayed in the Fabric Network Report and Fabric Network Config Profile Report contains the information about the Profile associated with this Fabric Network. For start ip and end ip the following scenarios are applicable in modify Fabric network: a. Default gateway = 1.1.1.1, DHCP range is 1.1.1.2-1.1.1.10, then static range should be staticIpStart=1.1.1.11, staticIpEnd=1.1.1.254 b. Default gateway =1.1.1.1, DHCP range is unspecified, then static range should be staticIpStart=1.1.1.2, staticIpEnd=1.1.1.254 c. Default gateway = 1.1.1.10, DHCP range is 1.1.1.11-1.1.1.19, then static range should be staticIpStart=1.1.1.20, staticIpEnd=1.1.1.254 OR staticIpStart=1.1.1.1, staticIpEnd=1.1.1.9 d. Default gateway = 1.1.1.1, DHCP range is 1.1.1.2-1.1.1.254, then static range should be BLANK. e. If the startip and end ip are specified in the task then the values should be persist. While calculating the ip range or static ip range it should assign max IP available part. Note: The parameters Network Role, Secondary Gateway IP address are dependent on the DCNM Account Version and should be displayed as empty when the underlying DCNM Account version doesnât support these.

Inputs

Input	Description	Mappable To Type	Mandatory
Network Name	Enter Network Name	gen_text_input	Y
Network Role	Enter Network Role	FabricNetworkRole	Y
Network Id			
Segment Id	Select Segment ID	FabricNetworkIdentity	Y
Vlan	Enter vlan		
Mobility Domain	Enter MobilityDomain		
Description	Enter Description	gen_text_input	
Gateway IP Address	Enter Gateway IP Address	ipv4Address	
Subnet Mask	Enter Subnet Mask	subnetMask	
Profile Name	Select Profile Name	FabricNetworkProfile Identity	Y
Profile Parameters			
DHCP Server Address	Enter Profile dhcpServerAddress	ipv4Address	
vrfDhcp	Enter vrfDhcp	gen_text_input	
mtuValue	Enter mtuValue	gen_text_input	
dhcpServerv6Address	Enter dhcpServerv6Address	gen_text_input	
vrfv6Dhcp	Enter vrfv6Dhcp	gen_text_input	
IPv6 enabled	Enable Ipv6		

Input	Description	Mappable To Type	Mandatory
Gateway IPv6 Address	Enter Profile gateway Ipv6Address	gen_text_input	
Prefix Length	Enter Profile prefixLength	gen_text_input	
DHCP Scope			
DHCP enabled	Enable DHCP		
IP Range	Enter IP Range	gen_text_input	
Service Configuration Parameters			
Start IP	Enter Start IP	ipv4Address	
End IP	Enter End IP	ipv4Address	
Secondary Gateway	Enter Secondary Gateway	ipv4Address	

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_ACCOUNT_NAME	Name of the Account for which the selected operation was performed	gen_text_input
OUTPUT_ORGANIZATION_ID	Identity of the organization for which the selected operation was performed	FabricOrganizationIdentity
OUTPUT_ORGANIZATION_NAME	Name of the organization for which the selected operation was performed	gen_text_input
OUTPUT_PARTITION_ID	Identity of the partition for which the selected operation was performed	FabricPartitionIdentity
OUTPUT_PARTITION_NAME	Name of the partition for which the selected operation was performed	gen_text_input
OUTPUT_NETWORK_ID	Identity of the network for which the selected operation was performed	FabricNetworkIdentity
OUTPUT_NETWORK_NAME	Name of the network for which the selected operation was performed	gen_text_input
OUTPUT_NETWORK_SEGMENTID	Identity of the network segment for which the selected operation was performed	FabricNetworkSegmentPoolIdentity
OUTPUT_PROFILE_ID	Identity of the profile for which the selected operation was performed	FabricNetworkProfileIdentity
OUTPUT_PROFILE_NAME	Name of the profile for which the selected operation was performed	FabricNetworkProfileIdentity

Modify Cisco DCNM Fabric Organization

Summary

This task Modifies Fabric Organization contains Fabric Organization as Output.

Description

This task allows user to Modify Fabric Organization with a change in the description. Output of this task contains the DCNM Account, Fabric Organization.

Inputs

Input	Description	Mappable To Type	Mandatory
Organization Name	Select Organization Name	FabricOrganization Identity	Y
Description	Enter Organization Description	gen_text_input	
Orchestration Source	Enter Orchestration Source		
Group	User Group		

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_ACCOUNT_NAME	Name of the Account for which the selected operation was performed	gen_text_input
OUTPUT_ORGANIZATION_ID	Identity of the organization for which the selected operation was performed	FabricOrganization Identity
OUTPUT_ORGANIZATION_NAME	Name of the organization for which the selected operation was performed	gen_text_input

Modify Cisco DCNM Fabric Partition

Summary

This task Modifies Fabric Partition contains Fabric Partition and Outputs as DCNM Account, Fabric Organization, Fabric Partition.

Description

This task allows user to Modify Fabric Partition with a change in the description, DCI ID, Extend the partition across Fabric, Service Node IP Address, DNS Server, Secondary DNS Server and Multi cast Group Address, Profile name and BroderLeafRt. Based on the Fabric Encapsulation the profile Name will be displayed. If Extend the Partition across Fabric is Enabled then DCI id is mandatory and in the DCNM corresponding configurations should be done. Output of this task contains the DCNM Account details, Fabric Organization and Fabric Partition. Note: The parameters DCI ID, Multi Cast Group Address and profile Parameters are applicable for only Version 7.1(0.139) or higher version. If the Profile Name is None then profile Parameters will not be displayed where as if profile Name is other than Non-None then only BorderLeafRt will be displayed. All Higher version parameters are optional and in the lower version DCNM in UCSD will display as empty. IF Extend the Partition across Fabric then profile Name should be Non-None.

Inputs

Input	Description	Mappable To Type	Mandatory
Partition Name	Enter Partition Name	FabricPartitionIdentity	Y
Description	Enter Description	gen_text_input	
DCI ID	Enter DCI ID	gen_text_input	
Extend the Partition Across the Fabric	Extend the Partition Across the Fabric		
Service Node IP Address	Enter Service Node IP Address	ipv4Address	
DNS Server	Enter DNS Server	ipv4Address	
Secondary DNS Server	Enter Secondary DNS Server	ipv4Address	
Multi Cast Group Address	Enter Multi Cast Group Address	ipv4Address	
Profile Name	Enter Profile Name	FabricPartitionProfile Identity	
Profile Parameters			
Border LeafRt	Enter Border LeafRt	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_ACCOUNT_NAME	Name of the Account for which the selected operation was performed	gen_text_input

Output	Description	Type
OUTPUT_ORGANIZATION_ID	Identity of the organization for which the selected operation was performed	FabricOrganization Identity
OUTPUT_ORGANIZATION_NAME	Name of the organization for which the selected operation was performed	gen_text_input
OUTPUT_PARTITION_ID	Identity of the partition for which the selected operation was performed	FabricPartitionIdentity
OUTPUT_PARTITION_NAME	Name of the partition for which the selected operation was performed	gen_text_input

Remove Cisco DCNM Extended Fabric Network Switch Association

Summary

This task Disables Fabric Network Switch Association allows user to delete the Fabric port group.

Description

This task allows user to Disable Fabric Network Switch Association. Fabric Port group created by using Enable should be deleted. If user try to disable Fabric Network Switch Association and selected port group is directly associated with a network then this task fails. To delete such association, user has to delete the corresponding network.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Port Group	Select Network Switch mapping	FabricNetworkSwitchMapping Identity	Y

Outputs

No Outputs