Cisco MDS 9000 Series Ansible Modules

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Cisco MDS 9000 Series Ansible Modules

nxos_devicealias - Configuration of Device Alias

Synopsis

Configures device alias for Cisco MDS NXOS.

Parameters

Parameter		Choices/Defaults	Comments
distribute		bool/False	Enable/Disable device-alias distribution
mode		Choices: • basic • enhanced Default: • basic	Mode of devices-alias, basic or enhanced
da			List of device-alias to be added or removed
	name		Name of the device-alias to be added or removed
	pwwn		pwwn to which the name needs to be associated with
	remove	bool/False	Removes the device-alias if set to True

Notes

Examples

```
nxos_devicealias:
          distribute: yes
          mode: enhanced
          da:
              - { name: 'test1_add', pwwn: '56:2:22:11:22:88:11:67'}
              - { name: 'test2_add', pwwn: '65:22:22:11:22:22:11:d'}
              - { name: 'dev1', remove: True}
              - { name: 'dev2', remove: True}
          provider: "{{ creds }}"
```

```
    register: result
  - debug: var=result
```

Return Values

Status

nxos_vsan - Configuration of VSAN

Synopsis

Configures VSAN for Cisco MDS NXOS devices.

Parameters

Parameter		Choices/Defaults	Comments
vsan			List of vsan details to be added or removed.
	id		vsan id
	name		Name of the vsan
	suspend	bool/False	Suspend the vsan if True
	remove	bool/False	Removes the vsan if True
	interface		List of vsan's interfaces to be added.

Notes

Examples

```
nxos_vsan:
  provider: "{{ creds }}"
  vsan:
     - id: 922
       name: vsan-SAN-A
       suspend: False
       interface:
          - fc1/1
          - fc1/2
          - port-channel 1
       remove: False
     - id: 923
       name: vsan-SAN-B
       suspend: True
       interface:
          - fc1/11
          - fc1/21
          - port-channel 2
```

```
        remove: False
      - id: 1923
        name: vsan-SAN-Old
        remove: True
register: result
- debug: var=result
```

Return Values

Status

nxos_zone_zoneset - Configuration of Zone/Zone set

Synopsis

Configures Zone/Zone set for Cisco MD NXOS devices.

Parameters

Parameter	Choices/Defaults	Comments
zone_zoneset_details		List of zone/zoneset details to be added or removed

Parameter				Choices/Defaults	Comments
	vsan				vsan id
	mode			Choices: • enhanced • basic Default: • basic	Mode of the zone for the vsan
	default_zone			Choices: • permit • deny Default: • deny	default zone behaviour for the vsan
	smart_zoning			bool/False	Enables smartzoning on the vsan if True.
	zone				List of zone options for that vsan.
		name			name of the zone
		remove		bool/False	Deletes the zone if True
		members			Members of the zone that needs to be removed or added
			pwwn		pwwn member of the zone, use alias 'device-alias' as option for device-alias member
			remove	bool/False	Removes member from the zone if True
			devtype		

Parameter					Choices/Defaults	Comments
					Choices: • initiator • target • both	devtype of the zone member used along with Smart zoning config
	zoneset					List of zoneset options for the vsan
			name			name of the zoneset
			remove		bool/False	Removes zoneset if True
			action		Choices: • activate • deactivate Default: • deactivate	activates/de-activates the zoneset
			members			Members of the zoneset that needs to be removed or added
				name		name of the zone that needs to be added to the zoneset or removed from the zoneset
				remove	bool/False	Removes zone member from the zoneset

Notes

Examples

```
nxos_zone_zoneset:
        provider: "{{ creds }}"
        zone_zoneset_details:
           - vsan: 22
             mode: enhanced
```

```
        zone:
           - name: zoneA
             members:
                - {pwwn: '11:11:11:11:11:11:11:11'}
                - {device-alias: 'test123'}
                - {pwwn: '61:61:62:62:12:12:12:12', remove: True}
           - name: zoneB
             members:
                - {pwwn: '10:11:11:11:11:11:11:11'}
                - {pwwn: '62:62:62:62:21:21:21:21'}
           - name: zoneC
             remove: True
        zoneset:
            - name: zsetname1
              members:
                 - {name: zoneA}
                 - {name: zoneB}
                 - {name: zoneC, remove: True}
              action: activate
            - name: zsetTestExtra
              remove: True
              action: deactivate
      - vsan: 21
        mode: basic
        smart_zoning: True
        zone:
           - name: zone21A
             members:
                - {pwwn: '11:11:11:11:11:11:11:11',devtype: 'both'}
                - {pwwn: '62:62:62:62:12:12:12:12'}
                - {pwwn: '92:62:62:62:12:12:1a:1a',devtype: 'both', remove: True}
           - name: zone21B
             members:
                - {pwwn: '10:11:11:11:11:11:11:11'}
                - {pwwn: '62:62:62:62:21:21:21:21'}
        zoneset:
            - name: zsetname21
              members:
                 - {name: zone21A}
                 - {name: zone21B}
              action: activate
register: result
- debug: var=result
```

Return Values

Status

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