

# 2022-04-14 22:38:35 - Validation Report

## Supported Role-Types:

### Management - Fail

Feature	VLAN
Result	Fail
Log	No VLAN detected, please check the VLAN configuration on switch
RoleType	Management, Compute (Standard), Compute (SDN), Storage

### Storage - Fail

Feature	VLAN
Result	Fail
Log	No VLAN detected, please check the VLAN configuration on switch
RoleType	Management, Compute (Standard), Compute (SDN), Storage

Feature	LLDP - VLAN Name (Subtype = 3)
Result	Fail
Log	LLDP Subtype3 not detected from switch
RoleType	Compute (Standard), Compute (SDN), Storage

Feature	LLDP - Maximum Frame Size (Subtype = 4)
Result	Fail
Log	LLDP Subtype4 Mismatch, please check switch MTU configuration - Detect: 9216, but Input: 9214
RoleType	Compute (Standard), Compute (SDN), Storage

Feature	LLDP - ETS Class Bandwidth Configuration (Subtype = 9)
Result	Fail
Log	Priority 0~7 Mismatch - Detect 0:46,1:1,2:1,3:48,4:1,5:1,6:1,7:1, but should be 0:48,1:0,2:0,3:50,4:0,5:2,6:0,7:0
RoleType	Storage

### Compute (Standard) - Fail

Feature	VLAN
Result	Fail
Log	No VLAN detected, please check the VLAN configuration on switch
RoleType	Management, Compute (Standard), Compute (SDN), Storage

Feature	LLDP - VLAN Name (Subtype = 3)
Result	Fail

Log	LLDP Subtype3 not detected from switch
RoleType	Compute (Standard), Compute (SDN), Storage
Feature	LLDP - Maximum Frame Size (Subtype = 4)
Result	Fail
Log	LLDP Subtype4 Mismatch, please check switch MTU configuration - Detect: 9216, but Input: 9214
RoleType	Compute (Standard), Compute (SDN), Storage

Compute (SDN) - Fail

Feature	VLAN
Result	Fail
Log	No VLAN detected, please check the VLAN configuration on switch
RoleType	Management, Compute (Standard), Compute (SDN), Storage
Feature	LLDP - VLAN Name (Subtype = 3)
Result	Fail
Log	LLDP Subtype3 not detected from switch
RoleType	Compute (Standard), Compute (SDN), Storage
Feature	LLDP - Maximum Frame Size (Subtype = 4)
Result	Fail
Log	LLDP Subtype4 Mismatch, please check switch MTU configuration - Detect: 9216, but Input: 9214
RoleType	Compute (Standard), Compute (SDN), Storage

All Features Test Result List:

Feature	BGP
Result	Pass
Log	
RoleType	Compute (SDN)
Feature	VLAN
Result	Fail
Log	No VLAN detected, please check the VLAN configuration on switch
RoleType	Management, Compute (Standard), Compute (SDN), Storage
Feature	DHCP - Relay Agent IP
Result	Pass
Log	
RoleType	Management

Feature	LLDP - Port VLAN ID (Subtype = 1)
Result	Pass
Log	
RoleType	Management

Feature	LLDP - VLAN Name (Subtype = 3)
Result	Fail
Log	LLDP Subtype3 not detected from switch
RoleType	Compute (Standard), Compute (SDN), Storage

Feature	LLDP - Maximum Frame Size (Subtype = 4)
Result	Fail
Log	LLDP Subtype4 Mismatch, please check switch MTU configuration - Detect: 9216, but Input: 9214
RoleType	Compute (Standard), Compute (SDN), Storage

Feature	LLDP - Link Aggregation (Subtype = 7)
Result	Pass
Log	
RoleType	Management, Compute (Standard), Compute (SDN), Storage

Feature	LLDP - ETS Maximum Number of Traffic Classes (Subtype = 9)
Result	Pass
Log	
RoleType	Storage

Feature	LLDP - ETS Class Bandwidth Configuration (Subtype = 9)
Result	Fail
Log	Priority 0~7 Mismatch - Detect 0:46,1:1,2:1,3:48,4:1,5:1,6:1,7:1, but should be 0:48,1:0,2:0,3:50,4:0,5:2,6:0,7:0
RoleType	Storage

Feature	LLDP - PFC Maximum Number of Traffic Classes (Subtype = B)
Result	Pass
Log	
RoleType	Storage

Feature	LLDP - PFC Priority Class Enabled (Subtype = B)
Result	Pass
Log	
RoleType	Storage

# ALL Detail Logs

TestDate: 2022-04-14T22:38:35.099334Z

RoleResultList:

- rolename: Management
  - rolepass: Fail
  - featuresbyrole:
    - featurename: VLAN
      - featurepass: Fail
      - featurelog: No VLAN detected, please check the VLAN configuration on switch
      - featureroles:
        - Management
        - Compute (Standard)
        - Compute (SDN)
        - Storage
    - featurename: DHCP - Relay Agent IP
      - featurepass: Pass
      - featurelog: ""
      - featureroles:
        - Management
    - featurename: LLDP - Port VLAN ID (Subtype = 1)
      - featurepass: Pass
      - featurelog: ""
      - featureroles:
        - Management
    - featurename: LLDP - Link Aggregation (Subtype = 7)
      - featurepass: Pass
      - featurelog: ""
      - featureroles:
        - Management
        - Compute (Standard)
        - Compute (SDN)
        - Storage
  - rolename: Storage
    - rolepass: Fail
    - featuresbyrole:
      - featurename: VLAN
        - featurepass: Fail
        - featurelog: No VLAN detected, please check the VLAN configuration on switch
        - featureroles:
          - Management
          - Compute (Standard)
          - Compute (SDN)
          - Storage
      - featurename: LLDP - VLAN Name (Subtype = 3)
        - featurepass: Fail
        - featurelog: LLDP Subtype3 not detected from switch
        - featureroles:
          - Compute (Standard)
          - Compute (SDN)
          - Storage
      - featurename: LLDP - Maximum Frame Size (Subtype = 4)
        - featurepass: Fail

featurelog: 'LLDP Subtype4 Mismatch, please check switch MTU configuration - Detect: 9216, but Input: 9214'

featureroles:

- Compute (Standard)
- Compute (SDN)
- Storage

- featurename: LLDP - Link Aggregation (Subtype = 7)

featurepass: Pass

featurelog: ""

featureroles:

- Management
- Compute (Standard)
- Compute (SDN)
- Storage

- featurename: LLDP - ETS Maximum Number of Traffic Classes (Subtype = 9)

featurepass: Pass

featurelog: ""

featureroles:

- Storage

- featurename: LLDP - ETS Class Bandwidth Configuration (Subtype = 9)

featurepass: Fail

featurelog: Priority 0~7 Mismatch - Detect 0:46,1:1,2:1,3:48,4:1,5:1,6:1,7:1, but should be 0:48,1:0,2:0,3:50,4:0,5:2,6:0,7:0

featureroles:

- Storage

- featurename: LLDP - PFC Maximum Number of Traffic Classes (Subtype = B)

featurepass: Pass

featurelog: ""

featureroles:

- Storage

- featurename: LLDP - PFC Priority Class Enabled (Subtype = B)

featurepass: Pass

featurelog: ""

featureroles:

- Storage

- rolename: Compute (Standard)

rolepass: Fail

featuresbyrole:

- featurename: VLAN

featurepass: Fail

featurelog: No VLAN detected, please check the VLAN configuration on switch

featureroles:

- Management
- Compute (Standard)
- Compute (SDN)
- Storage

- featurename: LLDP - VLAN Name (Subtype = 3)

featurepass: Fail

featurelog: LLDP Subtype3 not detected from switch

featureroles:

- Compute (Standard)
- Compute (SDN)
- Storage

- featurename: LLDP - Maximum Frame Size (Subtype = 4)

featurepass: Fail

featurelog: 'LLDP Subtype4 Mismatch, please check switch MTU configuration - Detect: 9216, but Input: 9214'

featureroles:

- Compute (Standard)
- Compute (SDN)
- Storage

- featurename: LLDP - Link Aggregation (Subtype = 7)

featurepass: Pass

featurelog: ""

featureroles:

- Management
- Compute (Standard)
- Compute (SDN)
- Storage

- rolename: Compute (SDN)

rolepass: Fail

featuresbyrole:

- featurename: BGP

featurepass: Pass

featurelog: ""

featureroles:

- Compute (SDN)

- featurename: VLAN

featurepass: Fail

featurelog: No VLAN detected, please check the VLAN configuration on switch

featureroles:

- Management
- Compute (Standard)
- Compute (SDN)
- Storage

- featurename: LLDP - VLAN Name (Subtype = 3)

featurepass: Fail

featurelog: LLDP Subtype3 not detected from switch

featureroles:

- Compute (Standard)
- Compute (SDN)
- Storage

- featurename: LLDP - Maximum Frame Size (Subtype = 4)

featurepass: Fail

featurelog: 'LLDP Subtype4 Mismatch, please check switch MTU configuration - Detect: 9216, but Input: 9214'

featureroles:

- Compute (Standard)
- Compute (SDN)
- Storage

- featurename: LLDP - Link Aggregation (Subtype = 7)

featurepass: Pass

featurelog: ""

featureroles:

- Management
- Compute (Standard)
- Compute (SDN)
- Storage

FeatureResultList:

- featurename: BGP

featurepass: Pass  
featurelog: ""  
featureroles:  
- Compute (SDN)  
- featurename: VLAN  
featurepass: Fail  
featurelog: No VLAN detected, please check the VLAN configuration on switch  
featureroles:  
- Management  
- Compute (Standard)  
- Compute (SDN)  
- Storage  
- featurename: DHCP - Relay Agent IP  
featurepass: Pass  
featurelog: ""  
featureroles:  
- Management  
- featurename: LLDP - Port VLAN ID (Subtype = 1)  
featurepass: Pass  
featurelog: ""  
featureroles:  
- Management  
- featurename: LLDP - VLAN Name (Subtype = 3)  
featurepass: Fail  
featurelog: LLDP Subtype3 not detected from switch  
featureroles:  
- Compute (Standard)  
- Compute (SDN)  
- Storage  
- featurename: LLDP - Maximum Frame Size (Subtype = 4)  
featurepass: Fail  
featurelog: 'LLDP Subtype4 Mismatch, please check switch MTU configuration - Detect: 9216, but Input: 9214'  
featureroles:  
- Compute (Standard)  
- Compute (SDN)  
- Storage  
- featurename: LLDP - Link Aggregation (Subtype = 7)  
featurepass: Pass  
featurelog: ""  
featureroles:  
- Management  
- Compute (Standard)  
- Compute (SDN)  
- Storage  
- featurename: LLDP - ETS Maximum Number of Traffic Classes (Subtype = 9)  
featurepass: Pass  
featurelog: ""  
featureroles:  
- Storage  
- featurename: LLDP - ETS Class Bandwidth Configuration (Subtype = 9)  
featurepass: Fail  
featurelog: Priority 0~7 Mismatch - Detect 0:46,1:1,2:1,3:48,4:1,5:1,6:1,7:1, but should be 0:48,1:0,2:0,3:50,4:0,5:2,6:0,7:0  
featureroles:

- Storage

- featurename: LLDP - PFC Maximum Number of Traffic Classes (Subtype = B)

featurepass: Pass

featurelog: ""

featureroles:

- Storage

- featurename: LLDP - PFC Priority Class Enabled (Subtype = B)

featurepass: Pass

featurelog: ""

featureroles:

- Storage

VLANResult:

nativevlanid: 710

allvlanids: []

LLDPResult:

sysdes: "Dell EMC Networking OS10 Enterprise.\r\nCopyright (c) 1999-2021 by Dell Inc. All Rights Reserved.\r\nSystem Description: OS10 Enterprise.\r\nOS Version: 10.5.3.0.\r\nSystem Type: S5248F-VM"

portname: ethernet1/1/1

chasisid: 0cc23e6c0000

chasisidtype: MAC Address

subtype1\_portvlanid: 710

subtype3\_vlanlist: []

subtype4\_maxframesize: 9216

subtype7\_linkaggcap: true

subtype9\_ets:

etstotalpg: 8

etsbwbypgid:

0: 46

1: 1

2: 1

3: 48

4: 1

5: 1

6: 1

7: 1

subtypeb\_pfc:

pfcmaxclasses: 8

pfcconfig:

0: 0

1: 0

2: 0

3: 1

4: 0

5: 0

6: 0

7: 0

DHCPResult:

dhcppacketdetected: true

relayagentip: 10.10.12.1

BGPRResult:

bgptcppacketdetected: true

switchinterfaceip: 10.10.10.1

switchinterfacemac: 0c:c2:3e:6c:00:a1



hostinterfaceip: 10.10.10.100

hostinterfacemac: 0c:b0:99:4a:00:01

# Input Variables

interfacename: ""  
interfaceguid: ""  
interfacealias: ""  
nativevlanid: 0  
allvlanids: []  
mtusize: 0  
etsmaxclass: 0  
etsbwbypg: ""  
pfcmaxclass: 0  
pfcpriorityenabled: ""