

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

## Supported Role-Types:

**Management - Fail**

**Compute (Standard) - Fail**

**Compute (SDN) - Fail**

**Storage - Fail**

## Feature 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
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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

RoleSummary:

Compute (SDN): Fail

Compute (Standard): Fail

Management: Fail

Storage: Fail

FeatureSummary:

- 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\_linkaggrcap: 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: ""