

# 2022-11-06 05:22:06 - Validation Report

## Supported Role-Types:

Management - Fail

Storage - Fail

Compute (Standard) - Fail

Compute (SDN) - Fail

## All Features Test Result List:

Management - Fail

Feature	VLAN
Result	Fail
Log	Minimum 10 VLANs need to be input and configured - Detect: [1 710 711 712]

Feature	DHCP - Relay Agent IP
Result	Fail
Log	DHCP Relay Agent IP Not Detected from switch, please check switch dhcp configuration.

Feature	LLDP - Port VLAN ID (Subtype = 1)
Result	Fail
Log	LLDP Subtype1 Mismatch, please check switch VLAN configuration - Detect: 1, but Input: 710

Feature	LLDP - Link Aggregation (Subtype = 7)
Result	Pass
Log	

Storage - Fail

Feature	VLAN
Result	Fail
Log	Minimum 10 VLANs need to be input and configured - Detect: [1 710 711 712]

Feature	LLDP - VLAN Name (Subtype = 3)
Result	Fail
Log	LLDP Subtype3 Mismatch, please check switch VLAN configuration - Detect: [1 710 711 712], but Input: [710 711 712 713 714 715 716 717 718]

Feature	LLDP - Maximum Frame Size (Subtype = 4)
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Result	Pass
Log	

Feature	LLDP - Link Aggregation (Subtype = 7)
Result	Pass
Log	

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

Feature	LLDP - ETS Class Bandwidth Configuration (Subtype = 9)
Result	Pass
Log	

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

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

Compute (Standard) - Fail

Feature	VLAN
Result	Fail
Log	Minimum 10 VLANs need to be input and configured - Detect: [1 710 711 712]

Feature	LLDP - VLAN Name (Subtype = 3)
Result	Fail
Log	LLDP Subtype3 Mismatch, please check switch VLAN configuration - Detect: [1 710 711 712], but Input: [710 711 712 713 714 715 716 717 718]

Feature	LLDP - Maximum Frame Size (Subtype = 4)
Result	Pass
Log	

Feature	LLDP - Link Aggregation (Subtype = 7)
Result	Pass
Log	

Compute (SDN) - Fail

Feature	BGP
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Result	Fail
Log	TCP 179 Packet Not Detected from switch, please check switch BGP configuration.

Feature	VLAN
Result	Fail
Log	Minimum 10 VLANs need to be input and configured - Detect: [1 710 711 712]

Feature	LLDP - VLAN Name (Subtype = 3)
Result	Fail
Log	LLDP Subtype3 Mismatch, please check switch VLAN configuration - Detect: [1 710 711 712], but Input: [710 711 712 713 714 715 716 717 718]

Feature	LLDP - Maximum Frame Size (Subtype = 4)
Result	Pass
Log	

Feature	LLDP - Link Aggregation (Subtype = 7)
Result	Pass
Log	

# ALL Detail Logs

TestDate: 2022-11-06T05:22:06.701322Z

RoleResultList:

- rolename: Management
  - rolepass: Fail
  - featuresbyrole:
    - featurename: VLAN
      - featurepass: Fail
      - featurelog: 'Minimum 10 VLANs need to be input and configured - Detect: [1 710 711 712]'
      - featureroles:
        - Management
        - Compute (Standard)
        - Compute (SDN)
        - Storage
    - featurename: DHCP - Relay Agent IP
      - featurepass: Fail
      - featurelog: DHCP Relay Agent IP Not Detected from switch, please check switch dhcp configuration.
      - featureroles:
        - Management
    - featurename: LLDP - Port VLAN ID (Subtype = 1)
      - featurepass: Fail
      - featurelog: 'LLDP Subtype1 Mismatch, please check switch VLAN configuration - Detect: 1, but Input: 710'
      - 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: 'Minimum 10 VLANs need to be input and configured - Detect: [1 710 711 712]'
        - featureroles:
          - Management
          - Compute (Standard)
          - Compute (SDN)
          - Storage
      - featurename: LLDP - VLAN Name (Subtype = 3)
        - featurepass: Fail
        - featurelog: 'LLDP Subtype3 Mismatch, please check switch VLAN configuration - Detect: [1 710 711 712], but Input: [710 711 712 713 714 715 716 717 718 719 720]'
        - featureroles:
          - Compute (Standard)
          - Compute (SDN)
          - Storage
      - featurename: LLDP - Maximum Frame Size (Subtype = 4)

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featurepass: Pass
featurelog: ""
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: Pass
  featurelog: ""
  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: 'Minimum 10 VLANs need to be input and configured - Detect: [1 710 711 712]'
      featureroles:
        - Management
        - Compute (Standard)
        - Compute (SDN)
        - Storage
    - featurename: LLDP - VLAN Name (Subtype = 3)
      featurepass: Fail
      featurelog: 'LLDP Subtype3 Mismatch, please check switch VLAN configuration - Detect: [1 710 711 712], but Input: [710 711 712 713 714 715
716 717 718 719 720]'
      featureroles:
        - Compute (Standard)
        - Compute (SDN)
        - Storage

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- featurename: LLDP - Maximum Frame Size (Subtype = 4)
  - featurepass: Pass
  - featurelog: ""
  - 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: Fail
      - featurelog: TCP 179 Packet Not Detected from switch, please check switch BGP configuration.
      - featureroles:
        - Compute (SDN)
    - featurename: VLAN
      - featurepass: Fail
      - featurelog: 'Minimum 10 VLANs need to be input and configured - Detect: [1 710 711 712]'
      - featureroles:
        - Management
        - Compute (Standard)
        - Compute (SDN)
        - Storage
    - featurename: LLDP - VLAN Name (Subtype = 3)
      - featurepass: Fail
      - featurelog: 'LLDP Subtype3 Mismatch, please check switch VLAN configuration - Detect: [1 710 711 712], but Input: [710 711 712 713 714 715 716 717 718 719 720]'
      - featureroles:
        - Compute (Standard)
        - Compute (SDN)
        - Storage
  - featurename: LLDP - Maximum Frame Size (Subtype = 4)
    - featurepass: Pass
    - featurelog: ""
    - featureroles:
      - Compute (Standard)
      - Compute (SDN)
      - Storage
  - featurename: LLDP - Link Aggregation (Subtype = 7)
    - featurepass: Pass
    - featurelog: ""
    - featureroles:
      - Management
      - Compute (Standard)
      - Compute (SDN)

- Storage

VLANResult:

nativevlanid: 1

allvlanids:

- 1
- 710
- 711
- 712

LLDPResult:

sysdes: Cumulus Linux version 5.2.1 running on Mellanox Technologies Ltd. MSN2100

portname: swp1

chasisid: 98039b5cbb20

chasisidtype: MAC Address

subtype1\_portvlanid: 1

subtype3\_vlanlist:

- 1
- 710
- 711
- 712

subtype4\_maxframesize: 9214

subtype7\_linkaggcap: true

subtype9\_ets:

etstotalpg: 8

etsbwbypgid:

- 0: 48
- 1: 0
- 2: 0
- 3: 50
- 4: 0
- 5: 2
- 6: 0
- 7: 0

subtypeb\_pfc:

pfcmaxclasses: 8

pfcconfig:

- 0: 0
- 1: 0
- 2: 0
- 3: 1
- 4: 0
- 5: 0
- 6: 0
- 7: 0

DHCPResult:

dhcp packetdetected: true

relayagentip: ""

BGPResult:

bgptcppacketdetected: false

switchinterfaceip: ""

switchinterfacemac: ""

hostinterfaceip: ""

hostinterfacemac: ""

# Input Variables

interfacename: eth0  
interfaceguid: \Device\NPF\_{0217D729-CED0-4D06-9C66-592E032A37A8}  
interfacealias: Ethernet  
nativevlanid: 710  
allvlanids:  
- 710  
- 711  
- 712  
- 713  
- 714  
- 715  
- 716  
- 717  
- 718  
- 719  
- 720  
mtusize: 9214  
etsmaxclass: 8  
etsbwbypg: 0:48,1:0,2:0,3:50,4:0,5:2,6:0,7:0  
pfcmaxclass: 8  
pfcpriorityenabled: 0:0,1:0,2:0,3:1,4:0,5:0,6:0,7:0