

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

Supported Role-Types:

Management - Fail

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

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

Storage - Pass

Compute (Standard) - Pass

Compute (SDN) - Fail

| | |
|----------|---|
| Feature | BGP |
| Result | Fail |
| Log | TCP 179 Packet Not Detected from switch, please check switch BGP configuration. |
| RoleType | Compute (SDN) |

All Features Test Result List:

| | |
|----------|---|
| Feature | BGP |
| Result | Fail |
| Log | TCP 179 Packet Not Detected from switch, please check switch BGP configuration. |
| RoleType | Compute (SDN) |

| | |
|----------|--|
| Feature | VLAN |
| Result | Pass |
| Log | |
| RoleType | Management, Compute (Standard), Compute (SDN), Storage |

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

| | |
|----------|------------|
| RoleType | Management |
|----------|------------|

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

| | |
|----------|--|
| Feature | LLDP - VLAN Name (Subtype = 3) |
| Result | Pass |
| Log | |
| RoleType | Compute (Standard), Compute (SDN), Storage |

| | |
|----------|--|
| Feature | LLDP - Maximum Frame Size (Subtype = 4) |
| Result | Pass |
| Log | |
| 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 | Pass |
| Log | |
| 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: 2022-11-06T05:22:06.701322Z

RoleResultList:

- rolename: Management

rolepass: Fail

featuresbyrole:

- featurename: VLAN

featurepass: Pass

featurelog: ""

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: Pass

featuresbyrole:

- featurename: VLAN

featurepass: Pass

featurelog: ""

featureroles:

- Management

- Compute (Standard)

- Compute (SDN)

- Storage

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

featurepass: Pass

featurelog: ""

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
- 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: Pass
featuresbyrole:
- featurename: VLAN
featurepass: Pass
featurelog: ""
featureroles:
- Management
- Compute (Standard)
- Compute (SDN)
- Storage
- featurename: LLDP - VLAN Name (Subtype = 3)
featurepass: Pass
featurelog: ""
featureroles:
- Compute (Standard)
- Compute (SDN)
- Storage
- featurename: LLDP - Maximum Frame Size (Subtype = 4)
featurepass: Pass

```
featurelog: ""
featurerole:
  - Compute (Standard)
  - Compute (SDN)
  - Storage
- featurename: LLDP - Link Aggregation (Subtype = 7)
featurepass: Pass
featurelog: ""
featurerole:
  - 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.
    featurerole:
      - Compute (SDN)
  - featurename: VLAN
    featurepass: Pass
    featurelog: ""
    featurerole:
      - Management
      - Compute (Standard)
      - Compute (SDN)
      - Storage
  - featurename: LLDP - VLAN Name (Subtype = 3)
    featurepass: Pass
    featurelog: ""
    featurerole:
      - Compute (Standard)
      - Compute (SDN)
      - Storage
  - featurename: LLDP - Maximum Frame Size (Subtype = 4)
    featurepass: Pass
    featurelog: ""
    featurerole:
      - Compute (Standard)
      - Compute (SDN)
      - Storage
  - featurename: LLDP - Link Aggregation (Subtype = 7)
    featurepass: Pass
    featurelog: ""
    featurerole:
      - Management
      - Compute (Standard)
      - Compute (SDN)
      - Storage
```

FeatureResultList:

```
- featurename: BGP
```

featurepass: Fail

featurelog: TCP 179 Packet Not Detected from switch, please check switch BGP configuration.

featureroles:

- Compute (SDN)

- featurename: VLAN

featurepass: Pass

featurelog: ""

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 - VLAN Name (Subtype = 3)

featurepass: Pass

featurelog: ""

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

- 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

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_linkaggrcap: 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:

dhcppacketdetected: true

relayagentip: ""

BGPResult:

bgptcppacketdetected: false

switchinterfaceip: ""

switchinterfacemac: ""

hostinterfaceip: ""

hostinterfacemac: ""

Input Variables

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