# 2023-04-25 01:10:19 - Validation Report

## Role-type Support for Azure Stack HCI:

## Management - Fail

## Storage - Fail

## Compute (Standard) - Fail

## Compute (SDN) - Fail

## Role-Type Test Result List:

For a more detailed log, please refer to the next section below

## Management - Fail

| Feature | VLAN |
|---|---|
| Result | Fail |
| LogSubject | VLAN Mismatch |

| Feature | DHCP - Relay Agent IP |
|---|---|
| Result | Pass |
| LogSubject | |

| Feature | LLDP - Port VLAN ID (Subtype = 1) |
|---|---|
| Result | Pass |
| LogSubject | |

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

## Storage - Fail

| Feature | VLAN |
|---|---|
| Result | Fail |
| LogSubject | VLAN Mismatch |

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

| LogSubject | LLDP Subtype 3 Mismatch, please check switch VLAN configuration |
|---|---|

| Feature | LLDP - Maximum Frame Size (Subtype = 4) |
|---|---|
| Result | Fail |
| LogSubject | LLDP Subtype 4 Mismatch, please check switch MTU configuration |

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

| Feature | LLDP - ETS Maximum Number of Traffic Classes (Subtype = 9) |
|---|---|
| Result | Fail |
| LogSubject | ETS Maximum Number of Traffic Classes Mismatch |

| Feature | LLDP - ETS Class Bandwidth Configuration (Subtype = 9) |
|---|---|
| Result | Fail |
| LogSubject | Priority 0~7 Mismatch |

| Feature | LLDP - PFC Maximum Number of Traffic Classes (Subtype = B) |
|---|---|
| Result | Fail |
| LogSubject | PFC Maximum Number of Traffic Classes Mismatch |

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

# Compute (Standard) - Fail

| Feature | VLAN |
|---|---|
| Result | Fail |
| LogSubject | VLAN Mismatch |

| Feature | LLDP - VLAN Name (Subtype = 3) |
|---|---|
| Result | Fail |
| LogSubject | LLDP Subtype 3 Mismatch, please check switch VLAN configuration |

| Feature | LLDP - Maximum Frame Size (Subtype = 4) |
|---|---|
| Result | Fail |
| LogSubject | LLDP Subtype 4 Mismatch, please check switch MTU configuration |

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

# Compute (SDN) - Fail

| Feature | BGP |
|---|---|
| Result | Pass |
| LogSubject | |

| Feature | VLAN |
|---|---|
| Result | Fail |
| LogSubject | VLAN Mismatch |

| Feature | LLDP - VLAN Name (Subtype = 3) |
|---|---|
| Result | Fail |
| LogSubject | LLDP Subtype 3 Mismatch, please check switch VLAN configuration |

| Feature | LLDP - Maximum Frame Size (Subtype = 4) |
|---|---|
| Result | Fail |
| LogSubject | LLDP Subtype 4 Mismatch, please check switch MTU configuration |

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

# ALL Detail Logs

TestDate: 2023-04-25T01:10:19.56808Z

ToolBuildDate: "2023-04-25"

RoleResultList:

  - rolename: Management

   rolepass: Fail

   featuresbyrole:

    - featurename: VLAN

     featurepass: Fail

     featurelogsubject: VLAN Mismatch

     featurelogdetail: 'Detect: [1 710 711 712 713 714 715 717 718 719], but Input: [710 711 712 713 714 715 716 717 718 719 720]'

     featureroles:

      - Management

      - Compute (Standard)

      - Compute (SDN)

      - Storage

    - featurename: DHCP - Relay Agent IP

     featurepass: Pass

     featurelogsubject: ""

     featurelogdetail: ""

     featureroles:

      - Management

    - featurename: LLDP - Port VLAN ID (Subtype = 1)

     featurepass: Pass

     featurelogsubject: ""

     featurelogdetail: ""

     featureroles:

      - Management

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

     featurepass: Pass

     featurelogsubject: ""

     featurelogdetail: ""

     featureroles:

      - Management

      - Compute (Standard)

      - Compute (SDN)

      - Storage

  - rolename: Storage

   rolepass: Fail

   featuresbyrole:

    - featurename: VLAN

     featurepass: Fail

     featurelogsubject: VLAN Mismatch

     featurelogdetail: 'Detect: [1 710 711 712 713 714 715 717 718 719], but Input: [710 711 712 713 714 715 716 717 718 719 720]'

     featureroles:

      - Management

      - Compute (Standard)

      - Compute (SDN)

      - Storage

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

     featurepass: Fail

     featurelogsubject: LLDP Subtype 3 Mismatch, please check switch VLAN configuration

featurelogdetail: 'Detect: [1 710 711 712 713 714 715 717 718 719], 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: Fail
    featurelogsubject: LLDP Subtype 4 Mismatch, please check switch MTU configuration
    featurelogdetail: 'Detect: 9198, but Input: 9214'
    featureroles:
      - Compute (Standard)
      - Compute (SDN)
      - Storage
  - featurename: LLDP - Link Aggregation (Subtype = 7)
    featurepass: Pass
    featurelogsubject: ""
    featurelogdetail: ""
    featureroles:
      - Management
      - Compute (Standard)
      - Compute (SDN)
      - Storage
  - featurename: LLDP - ETS Maximum Number of Traffic Classes (Subtype = 9)
    featurepass: Fail
    featurelogsubject: ETS Maximum Number of Traffic Classes Mismatch
    featurelogdetail: 'Detect: 3, but Input: 8'
    featureroles:
      - Storage
  - featurename: LLDP - ETS Class Bandwidth Configuration (Subtype = 9)
    featurepass: Fail
    featurelogsubject: Priority 0~7 Mismatch
    featurelogdetail: Detect 0:48,1:50,2:2,3:0,4:0,5:0,6:0,7:0, 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: Fail
    featurelogsubject: PFC Maximum Number of Traffic Classes Mismatch
    featurelogdetail: 'Detect: 7, but Input: 8'
    featureroles:
      - Storage
  - featurename: LLDP - PFC Priority Class Enabled (Subtype = B)
    featurepass: Pass
    featurelogsubject: ""
    featurelogdetail: ""
    featureroles:
      - Storage
- rolename: Compute (Standard)
  rolepass: Fail
  featuresbyrole:
    - featurename: VLAN
      featurepass: Fail
      featurelogsubject: VLAN Mismatch
      featurelogdetail: 'Detect: [1 710 711 712 713 714 715 717 718 719], but Input: [710 711 712 713 714 715 716 717 718 719 720]'

```
      featureroles:
        - Management
        - Compute (Standard)
        - Compute (SDN)
        - Storage
    - featurename: LLDP - VLAN Name (Subtype = 3)
      featurepass: Fail
      featurelogsubject: LLDP Subtype 3 Mismatch, please check switch VLAN configuration
      featurelogdetail: 'Detect: [1 710 711 712 713 714 715 717 718 719], 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: Fail
      featurelogsubject: LLDP Subtype 4 Mismatch, please check switch MTU configuration
      featurelogdetail: 'Detect: 9198, but Input: 9214'
      featureroles:
        - Compute (Standard)
        - Compute (SDN)
        - Storage
    - featurename: LLDP - Link Aggregation (Subtype = 7)
      featurepass: Pass
      featurelogsubject: ""
      featurelogdetail: ""
      featureroles:
        - Management
        - Compute (Standard)
        - Compute (SDN)
        - Storage
- rolename: Compute (SDN)
  rolepass: Fail
  featuresbyrole:
    - featurename: BGP
      featurepass: Pass
      featurelogsubject: ""
      featurelogdetail: ""
      featureroles:
        - Compute (SDN)
    - featurename: VLAN
      featurepass: Fail
      featurelogsubject: VLAN Mismatch
      featurelogdetail: 'Detect: [1 710 711 712 713 714 715 717 718 719], but Input: [710 711 712 713 714 715 716 717 718 719 720]'
      featureroles:
        - Management
        - Compute (Standard)
        - Compute (SDN)
        - Storage
    - featurename: LLDP - VLAN Name (Subtype = 3)
      featurepass: Fail
      featurelogsubject: LLDP Subtype 3 Mismatch, please check switch VLAN configuration
      featurelogdetail: 'Detect: [1 710 711 712 713 714 715 717 718 719], 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: Fail
        featurelogsubject: LLDP Subtype 4 Mismatch, please check switch MTU configuration
        featurelogdetail: 'Detect: 9198, but Input: 9214'
        featureroles:
          - Compute (Standard)
          - Compute (SDN)
          - Storage
      - featurename: LLDP - Link Aggregation (Subtype = 7)
        featurepass: Pass
        featurelogsubject: ""
        featurelogdetail: ""
        featureroles:
          - Management
          - Compute (Standard)
          - Compute (SDN)
          - Storage
VLANResult:
  nativevlanid: 710
  allvlanids:
    - 1
    - 710
    - 711
    - 712
    - 713
    - 714
    - 715
    - 717
    - 718
    - 719
LLDPResult:
  sysdes: Aruba JL635A  GL.10.11.1010
  portname: 1/1/4
  chasisid: 9020c2bc6900
  chasisidtype: MAC Address
  subtype1_portvlanid: 710
  subtype3_vlanlist:
    - 1
    - 710
    - 711
    - 712
    - 713
    - 714
    - 715
    - 717
    - 718
    - 719
  subtype4_maxframesize: 9198
  subtype7_linkaggcap: true
  subtype9_ets:
```

```
      etstotalpg: 3
      etsbwbypgid:
          0: 48
          1: 50
          2: 2
          3: 0
          4: 0
          5: 0
          6: 0
          7: 0
   subtypeb_pfc:
      pfcmaxclasses: 7
      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
BGPResult:
   bgptcppacketdetected: true
   switchinterfaceip: 10.10.10.1
   switchinterfacemac: 90:20:c2:bc:69:00
   hostinterfaceip: 10.10.10.11
   hostinterfacemac: 00:50:56:96:9e:3b
```

# 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