

# 2023-07-28 05:46:17 - Validation Report

## Role-type Support for Azure Stack HCI:

**Management - Fail**

**Storage - Fail**

**Compute (Standard) - Pass**

**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	Pass
LogSubject	

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

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

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

### Storage - Fail

Feature	VLAN
Result	Pass
LogSubject	

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

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

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 not detected from switch

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	Pass
LogSubject	

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

## Compute (Standard) - Pass

Feature	VLAN
Result	Pass
LogSubject	

Feature	LLDP - VLAN Name (Subtype = 3)
Result	Pass
LogSubject	

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

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

## Compute (SDN) - Fail

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

Feature	VLAN
Result	Pass
LogSubject	

Feature	LLDP - VLAN Name (Subtype = 3)
Result	Pass
LogSubject	

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

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

# ALL Detail Logs

TestDate: 2023-07-28T05:46:17.50029-07:00

ToolBuildVersion: 1.2307.23

RoleResultList:

- rolename: Management

rolepass: Fail

featuresbyrole:

- featurename: VLAN

featurepass: Pass

featurelogsubject: ""

featurelogdetail: ""

featureroles:

- Management

- Compute (Standard)

- Compute (SDN)

- Storage

- featurename: DHCP - Relay Agent IP

featurepass: Fail

featurelogsubject: DHCP Relay Agent IP Not Detected from switch, please check switch dhcp configuration.

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: Pass

featurelogsubject: ""

featurelogdetail: ""

featureroles:

- Management

- Compute (Standard)

- Compute (SDN)

- Storage

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

featurepass: Pass

featurelogsubject: ""

featurelogdetail: ""  
featureroles:  
- Compute (Standard)  
- Compute (SDN)  
- Storage  
- featurename: LLDP - Maximum Frame Size (Subtype = 4)  
featurepass: Pass  
featurelogsubject: ""  
featurelogdetail: ""  
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 not detected from switch  
featurelogdetail: ""  
featureroles:  
- Storage  
- featurename: LLDP - ETS Class Bandwidth Configuration (Subtype = 9)  
featurepass: Fail  
featurelogsubject: Priority 0~7 Mismatch  
featurelogdetail: Detect 0:0,1:0,2:0,3:0,4:0,5:0,6:0,7:0, but should be 0:20,1:20,2:60,3:0,4:0,5:0,6:0,7:0  
featureroles:  
- Storage  
- featurename: LLDP - PFC Maximum Number of Traffic Classes (Subtype = B)  
featurepass: Pass  
featurelogsubject: ""  
featurelogdetail: ""  
featureroles:  
- Storage  
- featurename: LLDP - PFC Priority Class Enabled (Subtype = B)  
featurepass: Pass  
featurelogsubject: ""  
featurelogdetail: ""  
featureroles:  
- Storage  
- rolename: Compute (Standard)  
rolepass: Pass  
featuresbyrole:  
- featurename: VLAN  
featurepass: Pass  
featurelogsubject: ""  
featurelogdetail: ""

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featureroles:
- Management
- Compute (Standard)
- Compute (SDN)
- Storage
- featurename: LLDP - VLAN Name (Subtype = 3)
featurepass: Pass
featurelogsubject: ""
featurelogdetail: ""
featureroles:
- Compute (Standard)
- Compute (SDN)
- Storage
- featurename: LLDP - Maximum Frame Size (Subtype = 4)
featurepass: Pass
featurelogsubject: ""
featurelogdetail: ""
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: Fail
featurelogsubject: TCP 179 Packet Not Detected from switch, please check switch BGP configuration.
featurelogdetail: ""
featureroles:
- Compute (SDN)
- featurename: VLAN
featurepass: Pass
featurelogsubject: ""
featurelogdetail: ""
featureroles:
- Management
- Compute (Standard)
- Compute (SDN)
- Storage
- featurename: LLDP - VLAN Name (Subtype = 3)
featurepass: Pass
featurelogsubject: ""
featurelogdetail: ""
featureroles:
```

- Compute (Standard)
- Compute (SDN)
- Storage
- featurename: LLDP - Maximum Frame Size (Subtype = 4)
- featurepass: Pass
- featurelogsubject: ""
- featurelogdetail: ""
- 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: 800

allvlanids:

- 20
- 100
- 101
- 102
- 103
- 104
- 105
- 106
- 107
- 108
- 109
- 110
- 800

LLDPResult:

sysdes: topology/pod-1/node-101

portname: Eth1/29

chasisid: 2cd02d50e5e9

chasisidtype: MAC Address

subtype1\_portvlanid: 800

subtype3\_vlanlist:

- 20
- 100
- 101
- 102
- 103
- 104
- 105
- 106
- 107
- 108

- 109  
- 110  
- 800

subtype4\_maxframesize: 9216

subtype7\_linkaggcap: true

subtype9\_ets:

etstotalpg: 0

etsbwbypgid: {}

subypeb\_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:

bgtpcppacketdetected: false

switchinterfaceip: ""

switchinterfacemac: ""

hostinterfaceip: ""

hostinterfacemac: ""



# Input Variables

interfacename: \Device\NPF\_{3776E3CC-4F74-45BC-B33C-18B514E33924}

interfacealias: pciPassthru0

interfaceindex: 25

nativevlanid: 800

allvlanids:

- 20
- 100
- 101
- 102
- 103
- 104
- 105
- 106
- 107
- 108
- 109
- 110
- 800

mtusize: 9216

etsmaxclass: 6

etsbwbypg: 0:20,1:20,2:60,3:0,4:0,5:0,6:0,7:0

pfcmiclass: 8

pfcpriorityenabled: 0:0,1:0,2:0,3:1,4:0,5:0,6:0,7:0