

# 2022-11-06 05:22:06 - 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	Minimum of 10 VLANs need to be input and configured

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	Fail
LogSubject	LLDP Subtype 1 Mismatch, please check switch VLAN configuration

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

### Storage - Fail

Feature	VLAN
Result	Fail
LogSubject	Minimum of 10 VLANs need to be input and configured

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	Pass
LogSubject	

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

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

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

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) - Fail

Feature	VLAN
Result	Fail
LogSubject	Minimum of 10 VLANs need to be input and configured

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	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	Fail
LogSubject	Minimum of 10 VLANs need to be input and configured

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	Pass
LogSubject	

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

# ALL Detail Logs

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

ToolBuildDate: "2023-04-25"

RoleResultList:

- rolename: Management

rolepass: Fail

featuresbyrole:

- featurename: VLAN

featurepass: Fail

featurelogsubject: Minimum of 10 VLANs need to be input and configured

featurelogdetail: 'Detect: [1 710 711 712]'

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: Fail

featurelogsubject: LLDP Subtype 1 Mismatch, please check switch VLAN configuration

featurelogdetail: 'Detect: 1, but Input: 710'

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: Minimum of 10 VLANs need to be input and configured

featurelogdetail: 'Detect: [1 710 711 712]'

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], 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

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: Pass

featurelogsubject: ""

featurelogdetail: ""

featureroles:

- Storage

- featurename: LLDP - ETS Class Bandwidth Configuration (Subtype = 9)

featurepass: Pass

featurelogsubject: ""

featurelogdetail: ""

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: Fail

featuresbyrole:

- featurename: VLAN

featurepass: Fail

featurelogsubject: Minimum of 10 VLANs need to be input and configured

featurelogdetail: 'Detect: [1 710 711 712]'

featurerole:

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

featurerole:

- Compute (Standard)
- Compute (SDN)
- Storage

- featurename: LLDP - Maximum Frame Size (Subtype = 4)

featurepass: Pass

featurelogsubject: ""

featurelogdetail: ""

featurerole:

- Compute (Standard)
- Compute (SDN)
- Storage

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

featurepass: Pass

featurelogsubject: ""

featurelogdetail: ""

featurerole:

- 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: ""

featurerole:

- Compute (SDN)

- featurename: VLAN

featurepass: Fail

featurelogsubject: Minimum of 10 VLANs need to be input and configured

featurelogdetail: 'Detect: [1 710 711 712]'

featurerole:

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

featurerole:

- 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: 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

pfconfig:

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: 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