

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	VLAN Mismatch

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	VLAN Mismatch

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

LogSubject	LLDP Subtype 3 Mismatch, please check switch VLAN configuration
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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	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	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	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	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	Pass
LogSubject	

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

ALL Detail Logs

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

ToolBuildVersion: 1.2305.01

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: 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: 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: 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: 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: 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: 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: 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
- 713
- 714
- 715
- 717
- 718
- 719

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
- 713
- 714
- 715
- 717
- 718
- 719

subtype4_maxframesize: 9214

subtype7_linkagcap: 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: 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