

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]'

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: [1 710 711 712 713 714 715 717 718 719], 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: Fail

featurelogsubject: LLDP Subtype 4 Mismatch, please check switch MTU configuration

featurelogdetail: 'Detect: 9198, but Input: 9214'

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: Pass

featurelogsubject: ""

featurelogdetail: ""

featurerole:

- 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]'

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: [1 710 711 712 713 714 715 717 718 719], 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: 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_linkagggcap: 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