

2023-06-05 15:12:41 - Validation Report

Role-type Support for Azure Stack HCI:

Management - Pass

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 - Pass

Feature	VLAN
Result	Pass
LogSubject	

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	Pass
LogSubject	

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

LogSubject	
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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	Pass
LogSubject	

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

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	Pass
LogSubject	

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

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: 2023-06-05T15:12:41.554232Z

ToolBuildVersion: 1.2305.01

RoleResultList:

- rolename: Management
 - rolepass: Pass
 - featuresbyrole:
 - featurename: VLAN
 - featurepass: Pass
 - featurelogsubject: ""
 - featurelogdetail: ""
 - 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: 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: 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: 2, 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: Pass
featurelogsubject: ""
featurelogdetail: ""

featurerole:

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

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

featurepass: Pass

featurelogsubject: ""

featurelogdetail: ""

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: Pass

featurelogsubject: ""

featurelogdetail: ""

featurerole:

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

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

featurepass: Pass

featurelogsubject: ""

featurelogdetail: ""

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:

- 710
- 711
- 712
- 713
- 714
- 715
- 716
- 717
- 718
- 719

LLDPResult:

sysdes: Aruba R9W94A LL.10.12.0006

portname: 1/1/19

chasisid: 882510e5bd80

chasisidtype: MAC Address

subtype1_portvlanid: 710

subtype3_vlanlist:

- 710
- 711
- 712
- 713
- 714
- 715
- 716
- 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: 2

pfcconfig:

0: 0

1: 0

2: 0

3: 1

4: 0

5: 0

6: 0

7: 0

DHCPResult:

dhcppacketdetected: true

relayagentip: 10.10.11.1

BGPResult:

bgptcppacketdetected: true

switchinterfaceip: 10.10.10.1

switchinterfacemac: 88:25:10:e5:bd:80

hostinterfaceip: 10.10.10.11

hostinterfacemac: 00:50:56:96:ec:2f

Input Variables

interfacename: eth0

interfacealias: ""

interfaceindex: 0

nativevlanid: 710

allvlanids:

- 710

- 711

- 712

- 713

- 714

- 715

- 716

- 717

- 718

- 719

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