

# 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: ""

featureroles:

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

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

featurepass: Pass

featurelogssubject: ""

featurelogdetail: ""

featureroles:

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

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

featurepass: Fail

featurelogssubject: 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

featurelogssubject: ""

featurelogdetail: ""

featureroles:

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

- rolename: Compute (SDN)

rolepass: Fail

featuresbyrole:

- featurename: BGP

featurepass: Pass

featurelogssubject: ""

featurelogdetail: ""

featureroles:

- Compute (SDN)

- featurename: VLAN

featurepass: Pass

featurelogssubject: ""

featurelogdetail: ""

featureroles:

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

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

featurepass: Pass

featurelogssubject: ""

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

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