

2023-06-05 15:58:44 - 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	Fail
LogSubject	LLDP Subtype 4 not detected from switch

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 not detected from switch

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 not detected from switch

Feature	LLDP - PFC Priority Class Enabled (Subtype = B)
Result	Fail
LogSubject	Priority 0~7 Mismatch

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 not detected from switch

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	Fail
LogSubject	LLDP Subtype 4 not detected from switch
Feature	LLDP - Link Aggregation (Subtype = 7)
Result	Pass
LogSubject	

ALL Detail Logs

TestDate: 2023-06-05T15:58:44.947278-07:00

ToolBuildVersion: 1.2305.01

RoleResultList:

- rolename: Management

rolepass: Fail

featuresbyrole:

- featurename: VLAN

featurepass: Fail

featurelogsubject: VLAN Mismatch

featurelogdetail: 'Detect: [7 710 711 712 713 714 715 716 717 718 719], but Input: [710 711 712 713 714 715 716 717 718 719]'

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: 720, 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: [7 710 711 712 713 714 715 716 717 718 719], but Input: [710 711 712 713 714 715 716 717 718 719]'

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: [7 710 711 712 713 714 715 716 717 718 719], but Input: [710 711 712 713 714 715 716 717 718 719]'

featureroles:

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

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

featurepass: Fail

featurelogsubject: LLDP Subtype 4 not detected from switch

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: Fail

featurelogsubject: ETS Maximum Number of Traffic Classes not detected from switch

featurelogdetail: ""

featureroles:

- Storage

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

featurepass: Fail

featurelogsubject: Priority 0~7 Mismatch

featurelogdetail: Detect 0:0,1:0,2:0,3:0,4:0,5:0,6:0,7:0, but should be 0:48,1:50,2:2,3:0,4:0,5:0,6:0,7:0

featureroles:

- Storage

- featurename: LLDP - PFC Maximum Number of Traffic Classes (Subtype = B)

featurepass: Fail

featurelogsubject: PFC Maximum Number of Traffic Classes not detected from switch

featurelogdetail: ""

featureroles:

- Storage

- featurename: LLDP - PFC Priority Class Enabled (Subtype = B)

featurepass: Fail

featurelogsubject: Priority 0~7 Mismatch

featurelogdetail: Detect 0:0,1:0,2:0,3:0,4:0,5:0,6:0,7:0, but should be 0:0,1:0,2:0,3:1,4:0,5:0,6:0,7:0

featureroles:

- Storage

- rolename: Compute (Standard)

rolepass: Fail

featuresbyrole:

- featurename: VLAN

featurepass: Fail

featurelogsubject: VLAN Mismatch

featurelogdetail: 'Detect: [7 710 711 712 713 714 715 716 717 718 719], but Input: [710 711 712 713 714 715 716 717 718 719]'

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: [7 710 711 712 713 714 715 716 717 718 719], but Input: [710 711 712 713 714 715 716 717 718 719]'

featurerole:

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

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

featurepass: Fail

featurelogsubject: LLDP Subtype 4 not detected from switch

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: VLAN Mismatch

featurelogdetail: 'Detect: [7 710 711 712 713 714 715 716 717 718 719], but Input: [710 711 712 713 714 715 716 717 718 719]'

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: [7 710 711 712 713 714 715 716 717 718 719], but Input: [710 711 712 713 714 715 716 717 718 719]'

featurerole:

- Compute (Standard)
 - Compute (SDN)
 - Storage
- featurename: LLDP - Maximum Frame Size (Subtype = 4)
- featurepass: Fail
- featurelogsubject: LLDP Subtype 4 not detected from switch
- 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: 720

allvlanids:

- 7
- 710
- 711
- 712
- 713
- 714
- 715
- 716
- 717
- 718
- 719

LLDPResult:

sysdes: 'SONiC Software Version: SONiC.3.1.0.13 - HwSku: Supermicro_sse_t7132s - Distribution: Debian 11.6 - Kernel: 5.10.0-8-2-amd64'

portname: Eth1

chasisid: 7cc2554a489a

chasisidtype: MAC Address

subtype1_portvlanid: 720

subtype3_vlanlist:

- 7
- 710
- 711
- 712
- 713
- 714
- 715
- 716
- 717
- 718
- 719

subtype4_maxframesize: 0

subtype7_linkagcap: true

subtype9_ets:

etstotalpg: 0

etsbwbypgid: {}

subtypeb_pfc:

pfcmaxclasses: 0

pfcconfig: {}

DHCPResult:

dhcppacketdetected: true

relayagentip: ""

BGPResult:

bgptcppacketdetected: false

switchinterfaceip: ""

switchinterfacemac: ""

hostinterfaceip: ""

hostinterfacemac: ""

Input Variables

interfacename: eth0

interfacealias: ""

interfaceindex: 0

nativevlanid: 710

allvlanids:

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

mtusize: 9198

etsmaxclass: 8

etsbwbypg: 0:48,1:50,2:2,3:0,4:0,5:0,6:0,7:0

pfcmaxclass: 8

pfcpriorityenabled: 0:0,1:0,2:0,3:1,4:0,5:0,6:0,7:0