Tool Build Version: 1.2305.01

2023-06-05 22:58:44 - 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

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: 2023-06-05T22:58:44.947278Z

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]'

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

- 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: [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

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_linkaggcap: 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: 3

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

pfcmaxclass: 2

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