Tool Build Version: 1.2305.01

2023-04-11 22:40:06 - 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: 2023-04-11T22:40:06.637018Z

ToolBuildVersion: 1.2305.01

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]'

      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

- rolename: Compute (SDN)

  rolepass: Fail

  featuresbyrole:

    - featurename: BGP

      featurepass: Pass

      featurelogsubject: ""

      featurelogdetail: ""

      featureroles:

        - 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]'

      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:

```yaml
        - 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 R8S96A  DL.10.11.1010
  portname: 1/1/1
  chasisid: 0490810015d6
  chasisidtype: MAC Address
  subtype1_portvlanid: 710
  subtype3_vlanlist:
    - 1
    - 710
    - 711
    - 712
    - 713
    - 714
    - 715
    - 717
    - 718
    - 719
  subtype4_maxframesize: 9198
  subtype7_linkaggcap: 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: 04:90:81:00:15:d6
  hostinterfaceip: 10.10.10.11
  hostinterfacemac: 00:50:56:96:a5:85
```

Input Variables

interfacename: eth0

interfacealias: ""

interfaceindex: 0

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