Tool Build Version: 1.2305.01

2023-06-05 15:12:41 - 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	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	

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	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	Fail
LogSubject	VLAN Mismatch

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: Fail

   featuresbyrole:

    - featurename: VLAN

     featurepass: Fail

     featurelogsubject: VLAN Mismatch

     featurelogdetail: 'Detect: [1 710 711 712 713 714 715 716 717 718 719], 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: [1 710 711 712 713 714 715 716 717 718 719], 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: 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: Fail
      featurelogsubject: VLAN Mismatch
      featurelogdetail: 'Detect: [1 710 711 712 713 714 715 716 717 718 719], 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: 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
- rolename: Compute (SDN)
  rolepass: Fail
  featuresbyrole:
    - featurename: BGP
      featurepass: Pass
      featurelogsubject: ""
      featurelogdetail: ""
      featureroles:
        - Compute (SDN)
    - featurename: VLAN
      featurepass: Fail
      featurelogsubject: VLAN Mismatch
      featurelogdetail: 'Detect: [1 710 711 712 713 714 715 716 717 718 719], 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: 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

VLANResult:

    nativevlanid: 710

    allvlanids:

      - 1

      - 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:

      - 1

      - 710

      - 711

      - 712

      - 713

      - 714

      - 715

      - 716

      - 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: 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

  - 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