Tool Build Version: 1.2305.01

2023-06-05 08:12:41 - Validation Report

Role-type Support for Azure Stack HCI:

Management - Pass

Storage - Fail

Compute (Standard) - Pass

Compute (SDN) - Pass

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	

Feature	LLDP - Maximum Frame Size (Subtype = 4)
Result	Pass
LogSubject	

Feature	LLDP - Link Aggregation (Subtype = 7)
Result	Pass
LogSubject	

Feature	LLDP - ETS Maximum Number of Traffic Classes (Subtype = 9)
Result	Pass
LogSubject	

Feature	LLDP - ETS Class Bandwidth Configuration (Subtype = 9)
Result	Pass
LogSubject	

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) - Pass

Feature	VLAN
Result	Pass
LogSubject	

Feature	LLDP - VLAN Name (Subtype = 3)
Result	Pass
LogSubject	

Feature	LLDP - Maximum Frame Size (Subtype = 4)
Result	Pass
LogSubject	

Feature	LLDP - Link Aggregation (Subtype = 7)
Result	Pass
LogSubject	

Compute (SDN) - Pass

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	Pass
LogSubject	

Feature	LLDP - Link Aggregation (Subtype = 7)
Result	Pass
LogSubject	

ALL Detail Logs

TestDate: 2023-06-05T08:12:41.554232-07:00

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: Pass
        featurelogsubject: ""
        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: Pass
        featurelogsubject: ""
        featurelogdetail: ""
        featureroles:
          - Storage
      - featurename: LLDP - ETS Class Bandwidth Configuration (Subtype = 9)
        featurepass: Pass
        featurelogsubject: ""
        featurelogdetail: ""
        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: Pass
    featuresbyrole:
      - featurename: VLAN
        featurepass: Pass
        featurelogsubject: ""
        featurelogdetail: ""
```

```yaml
    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: Pass
    featurelogsubject: ""
    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: Pass
  featuresbyrole:
    - featurename: BGP
      featurepass: Pass
      featurelogsubject: ""
      featurelogdetail: ""
      featureroles:
        - Compute (SDN)
    - 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: Pass
        featurelogsubject: ""
        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: 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_linkaggcap: true
  subtype9_ets:
```

```
      etstotalpg: 8
      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: 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