###### Syslog Setup

***Objective:***

Objective is to validate syslog server setup. This test is a continuation of the Source IP testcase.

***Procedure:***

* Enter the management IP on 10x node. The node in this testcase is in-band managed via a routable loopback interface “lb1”.
  + show ip interfaces brief

3928-003> show ip int b

+ IP INTERFACES BRIEF +

| | | | | Status | | Underlay |

| Interface | IP Address | VRF | Origin | Admin | Oper | Role | Binding |

+ + + + + + + + +

| mgmtbr0 | 10.181.35.227 | default | STATIC | DOWN | DOWN | management | - |

| remote | unassigned | default | - | UP | UP | management | remote-fd |

**| lb1 | 10.181.102.165 | default | STATIC | UP | UP | management | -** |

| if10 | 172.18.1.2 | default | STATIC | UP | UP | data | VLAN4001 |

| if9 | 172.18.2.1 | default | STATIC | UP | UP | data | VLAN4002 |

+ + + + + + + + +

* Setup the syslog server
  + syslog log-actions remote dest 10.181.65.17 admin-state enabled
* Validate the syslog setup on the node.

3928-003> show syslog

+--- REMOTE --+

| Admin-State |

+ +

| enabled |

+ +

+ DESTINATION +

| Server IP | Admin-State | Port | Facility | Severity | Custom prefix |

+ + + + + + +

| 10.181.65.17 | enabled | 514 | ietf-syslog-types:local6 | info | |

+ + + + + + +

* Show management plane default, currently the node does not have the default source IP set to the loopback “lb1”.

3928-003> show management-plane

+ DEFAULT SOURCE IP INTERFACE +

| Interface |

+ +

| |

+ +

* Disable a logical port and check on syslog server for any messages received on the syslog server.

diag@3928-003# logical-ports logical-port 10 admin-state disable Applying 1 edit

diag@3928-003# logical-ports logical-port 10 admin-state enable Applying 1 edit

* There are no messages received on syslog server.

Graphical user interface, application

Description automatically generated

* Set the management source ip on the node as the “lb1”.

management-plane default-source-ip interface lb1

* Show the management-plane source IP on node

3928-003> show management-plane

+ DEFAULT SOURCE IP INTERFACE +

| Interface |

+ +

| lb1 |

+ +

* Disable a logical port and check on syslog server for any messages received on the syslog server.

diag@3928-003# logical-ports logical-port 10 admin-state disable

Applying 1 edit diag@3928-003#

diag@3928-003# logical-ports logical-port 10 admin-state enable Applying 1 edit

* Validate on the syslog server that the messages have been received. Messages have been received on the syslog server.

Graphical user interface, text, application

Description automatically generated

* To delete the syslog server:

no syslog

Test Case Results:

Passed: Yes No Verified by Date/Time Comments