#### LLDP support to pick remote management address:

***Objective***:

Starting from 10.7.1 release, the user can select the preferred-remote-mgmt-interface to be sent out on LLDP TLVs if more than one remote management interfaces are configured on the device.



10 (remote1)

10

**Node A**

11 (remote2)

11

**Node B**

In this section, we consider that two remote management interfaces are already created on node A:

* Display both remote management interfaces

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NodeA> sho  + | ip interfaces | brief | IP INTERFACES BRIEF | | | |  |  | + |
| | | | | | | | | Status | | | | | | | Underlay | | |
| | Interface | | IP Address | | VRF | | Origin | Admin | Oper | | | | | Role | | Binding | | |
| + | + | + | + | + | + |  | + | + | + |
| | mgmtbr0 | | 10.181.35.197/20 | | default | | STATIC | | | UP | | UP | | management | | - | | |
| | **remote1** | **| 20.20.20.2/24** | **| default** | **| STATIC** | **|** | **UP |** | **UP** | **| management** | **| fd20** | **|** |
| **| remote2** | **| 30.30.30.3/24** | **| default** | **| STATIC** | **|** | **UP |** | **UP** | **| management** | **| fd30** | **|** |
| + | + | + | + | + | + |  | + | + | + |

* Below is the command used to select the preferred remote management interface:

lldp-global-config preferred-remote-mgmt-interface remote1

NodeA> sho lldp

+--------- LLDP GLOBAL CONFIG +

| Parameter | Value |

+ + +

| Admin Enabled | True |

| Msg Tx Interval (sec) | 30 |

| Msg Tx Hold Multiplier | 4 |

| Reinit Delay (sec) | 2 |

| Tx Delay (sec) | 2 |

| Notification Interval (sec) | 5 |

+ + +

+ LLDP GLOBAL OPER +

| Parameter | Value |

+ + +

| Chassis ID Subtype | mac-address |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| | | Chassis ID | | | 144E2AB23A80 | | |
| | | System Name | | | 5171-0018-A | | |
| | | System Description | | | 5171 | | |
| | | System Capability Supported | | | bridge | | |
| |  |  | | System Capability Enabled  Management Address | |  |  | | bridge | |  |  | |
| | | Address Subtype | | | ipv4 | | |
| | | Address | | | 20.20.20.2 | | |
| |  |  | | IF Subtype  Address Subtype | |  |  | | if-index  ipv4 | |  |  | |
| | | Address | | | 10.181.35.197 | | |
| |  |  | | IF Subtype  Address Subtype | |  |  | | if-index  ipv6 | |  |  | |
| | | Address | | | 2620:11b:d06c:f401:dc6::94 | | |
| |  | | IF Subtype | |  | | if-index | |  | |
| | | **Active Remote Mgmt Interface | remote1** | | | | |
| + | + | | | + |

Test Case Results:

Passed: Yes No Verified by Date/Time Comments