###### Management - Source IP

***Objective:***

Objective is to verify Source IP management IP. Source IP management address must be set on the system for proper communication with remote applications such as telemetry, radius, syslog etc..

***Procedure:***

* Create a loopback interface with **role of management**.
  + oc-if:interfaces interface lb1 config name lb1 cn-if:type loopback **role management**
  + oc-if:interfaces interface lb1 ipv4 addresses address 10.181.102.164 config ip 10.181.102.164 prefix-length 32
* Show the ip interface

5144-008> show ip int b

+ IP INTERFACES BRIEF

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| | | | | Status | | Underlay |

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

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+ + + + +

| **mgmtbr0** | 10.181.37.142 | default | STATIC | **DOWN | DOWN** | management | -

|

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

| if21 | 172.18.1.1 | default | STATIC | UP | DOWN | data | VLAN4001 |

| if22 | 172.18.4.2 | default | STATIC | UP | UP | data | VLAN4004 |

| if23 | 172.18.5.1 | default | STATIC | UP | UP | data | VLAN4005 |

| **lb1** | 10.181.102.164 | default | STATIC **| UP | UP** | management | -

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+ + + + +

5144-008> show management-plane

+ DEFAULT SOURCE IP INTERFACE +

| Interface |

+ +

| |

+ +

* Now set the default source ip to loopback address just created.
  + management-plane default-source-ip interface lb1
* Show the management plane default source IP.

5144-008> show management-plane

+ DEFAULT SOURCE IP INTERFACE +

| Interface |

+ +

| lb1 |

+ +

Test Case Results:

Passed: Yes No Verified by Date/Time Comments