###### Configuration of EOAM

***Objective:***

Objective is to configure/enable point to point EOAM.

Graphical user interface, application

Description automatically generated

***Procedure:***

* Enable EOAM from the CLI – in this example port 10 will have EOAM PDUs enabled:
  + Enter “config” mode:

eoam-global-config-status admin-state enabled

interfaces interface 10 config eoam-port-config admin-status enable

* Show eoam status, you should see something like the following:

5162-002> show eoam ports port 10

+ EOAM Port Status +

| Parameter | Value |

+ + +

| interface-name | 10 |

| error-frame-period-window | 14880952 |

| port-oper-status | operational |

| link-lost-timer | 5000 |

| configuration-revision | 0 |

| local-functions-supported | event-support |

| pdu-timer | 1000 |

| max-pdu-size | 1518 |

* Show eoam peer information.

5162-002> show eoam peer-information port 10

+ EOAM Peer Information +

| Parameter | Value |

+ + +

| peer-vendor-oui | 1c 11 61 |

| peer-status | active |

| vendor-info | 0 |

| peer-mac-address | 1c:11:61:d4:bf:98 |

| peer-max-pdu-size | 1518 |

| peer-functions-supported | loopback-support event-support |

| peer-mode | active |

| peer-configuration-revision | 0 |

+ + +

* Show eoam port statistics.

show eoam port-statistics port 10

+ EOAM Port Statistics +

| Parameter | Value |

+ + +

| duplicate-event-notifications-transmitted | 0 |

| loopback-control-received | 0 |

| variable-request-received | 0 |

| loopback-control-transmitted | 0 |

| information-received | 44127 |

| unique-event-notification-received | 0 |

| unique-event-notification-transmitted | 0 |

| organization-specific-received | 0 |

| variable-response-received | 0 |

| variable-response-transmitted | 0 |

| information-transmitted | 44637 |

| duplicate-event-notifications-received | 0 |

| variable-request-transmitted | 0 |

| organization-specific-transmitted | 0 |

+ + +

Test Case Results:

Passed: Yes No Verified by Date/Time Comments