###### Dot1X – Supplicant Setup

***Objective:***

Verify the dot1x supplicant setup.

Text

Description automatically generated

***Procedure:***

* Enable dot1x globally on system.
  + system dot1x config system-auth-control enabled
* Set the port to “supplicant”.
  + oc-if:interfaces interface 17 config dot1x port- capabilities supplicant true
  + oc-if:interfaces interface 17 config dot1x supplicant admin-status enabled
* Set the identity and password of the Supplicant.
  + oc-if:interfaces interface 17 config dot1x supplicant identity seitoi
  + oc-if:interfaces interface 17 config dot1x supplicant password seitoi
* Display Supplicant information.

5162-0027> show dot1x ports supp port 17

+ DOT1X PORT SUMMARY +

| Name | Value |

+ + +

| Port Name | 17 |

| Admin State | Enabled |

| Start Period (sec) | 30 |

| Held Period (sec) | 60 |

| Auth Period (sec) | 30 |

| Max Start | 3 |

| Username | **seitoi** |

| Password | Set |

| EAP Version | 2 |

| EAP Method | md5 |

| Operational State | **Enabled** |

| Controlled Port Status | Unauthorized |

| PAE State | Held |

| Last EAPOL Frame Version | 0 |

| Last EAPOL Frame Source | 00:00:00:00:00:00 |

+

+

--+

+ +

DOT1X PORT STATISTICS

| | Eapol | Eapol | Eapol Start | Eapol Logoff | Invalid Eapol | Eapol Length |

| Port | Frame Tx | Frame Rx | Frame Tx | Frame Tx | Frame Rx | Error Frames |

+ + + + + + +

--+

| 17 | 5 | 0 | 5 | 0 | 0 | 0

|

+ + + + + + +

--+

Test Case Results:

Passed: Yes No Verified by Date/Time Comments