###### Dot1X – Authenticator Setup

***Objective:***

Verify the dot1x Authenticator setup.

Text

Description automatically generated

***Procedure:***

* Enable dot1x globally on system.
  + system dot1x config system-auth-control enabled
* Set the port to “authenticator”.
  + oc-if:interfaces interface 17 config dot1x port- capabilities authenticator true
  + oc-if:interfaces interface 17 config dot1x authenticator admin-status enabled/disabled
* Display Authenticator information.

5162-0028> show dot1x ports auth port 17

+ DOT1X PORT SUMMARY +

| Name | Value |

+ + +

| Port Name | 17 |

| Admin State | Enabled |

| Port Control | Auto |

| ReAuth Enabled | False |

| Quiet Period (sec) | 60 |

| Server Timeout (sec) | 30 |

| ReAuth Period (sec) | 3,600 |

| Max Retries | 2 |

| EAP Version | 2 |

| Control Direction | Both |

| Operational State | Disabled |

| Controlled Port Status | Unauthorized |

| Last EAPOL Frame Version | 0 |

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

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DOT1X PORT STATISTICS

| | Eapol | Eapol | Eapol Start | Eapol Logoff | Eapol Resp | Eapol Resp | Eapol Req | Invalid Eapol | Eapol Req | Eapol Length |

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

+ + + + + + + +

+ + + +

| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0

| 0 | 0 | 0 |

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+ + +

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Test Case Results:

Passed: Yes No Verified by Date/Time Comments