ONU Configuration

***Objective:***

The objective of this test is to configure an ONU. The serial number of each connected ONU is required for this step. The user is still required to configure the ONU data link which establishes a channel between ONU and uOLT.

***Procedure:***

1. Enter the serial number of each connected ONU.

pon-ctrl onus onu ONU\_1 OLT\_1 serial-number CIEN00000252 pon-ctrl onus onu ONU\_2 OLT\_1 serial-number CIEN00000333

***Expected Results:***

5170\_PON> show pon-ctrl olts olt OLT\_1 onus

+ ONUS +

| Name | Serial Number | Oper State | ONU-ID | Number of Links |

+ + + + + +

| ONU\_1 | CIEN00000252 | Registered | 2 | 2 |

| ONU\_2 | CIEN00000333 | Registered | 1 | 2 |

+ + + + + +

Enable ONU UNI port

pon-ctrl onus onu ONU\_1 OLT\_1 uni-ports uni-port 1 admin-state enabled pon-ctrl onus onu ONU\_2 OLT\_1 uni-ports uni-port 1 admin-state enabled

5170> show pon-ctrl olts olt OLT1 onus onu onu\_1 uni-ports uni-port 1

+ UNI PORT +

| Parameter | Value |

+ + +

| Name | 1 |

| Admin State | Enabled |

| Max Frame Size | 9216 |

| Configured Speed | Auto |

| Configured Duplex | Auto |

+ + +

| Operational State | Up |

| Operational Speed | 1Gb |

| Operational Duplex | Full |

+ + +