### Test 050-09-05 Config Address Usage

#### Description

##### PD

A PD must not accept any command on the configuration address (0x7F, decimal 127) except for osdp\_ID, osdp\_CAP, and osdp\_COMSET.

##### ACU

An ACU must not send any command on 0x7F except osdp\_ID, osdp\_CAP, or osdp\_COMSET.

#### Purpose

Avoid situations where the identity of the PD is not precisely known and where multiple PD’s might attempt to answer simultaneously.

#### Criteria

|  |  |
| --- | --- |
| Basic OSDP (PD) | Required |
| Basic OSDP (ACU) | Required |
| Secure Channel (PD) | Required |
| Secure Channel (ACU) | Required |
| BIO Match (PD) | Required |
| BIO Match (ACU) | Required |
| BIO Read (PD) | Required |
| BIO Read (ACU) | Required |
| Extended Packet Mode (PD) | Required |
| Extended Packet Mode (ACU) | Required |
| Extended Read/Write (PD) | Required |
| Extended Read/Write (ACU) | Required |

#### Test action

##### PD Test

Send (i.e properly enqueue) an osdp\_LED command, with proper CRC, using sequence 0, on address 7F. Example packet (PD’s actual address does not matter)

537f16000469000000030301021e00011e0002000dbd

The expected results is one of:

* The packet is ignored
* The PD responds with a NAK (generic or no detail or bad command parameters.

The PD is expected to NOT respond to the required action.

##### ACU Test

Exercise the ACU with specific coverage for it’s workflow around device initialization and monitor the data trace for usage of address 0x7F.

#### Development status

Available in libosdp-conformance 1.28-1

#### Test Results

JSON tags

|  |  |
| --- | --- |
| Test | 050-09-05 |
| test-status | 1 for pass, 0 for fail |

#### Revision History

Typo corrected in 2.5.1

Released in 2.5.0

Refreshed for 2.3