### Test 050-09-13 Config Address Test

#### Description

Use of special address to determine configuration

##### PD

Address 0x7F is reserved as a special "BROADCAST" address that each PD will accept and respond to, just as if it matched its communication address.

##### ACU

Used by ACU to determine PDs on network.

#### Purpose

Provides a means to support ACU communications with PDs with unknown communication address.

#### Criteria

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

#### Test action

##### PD Test

The reply message will use 0x7F plus the reply flag (0x7F+0x80=0xFF) in its address field. Since each PD will respond to 0x7F, the use of the broadcast address should be limited to controlled (single PD) configurations.

##### ACU Test

n/a

#### Development status

Available in [libosdp-conformance 1.31.1-Build-4](https://github.com/Security-Industry-Association/libosdp-conformance/releases/tag/1.31-4)

#### Test Results

JSON tags

|  |  |
| --- | --- |
| test | 050-09-12 |
| test-status | 1 for pass, 0 for fail |

#### Revision History

New in 2.4.2