### Test 050-09-10 Valid Command / Reply

#### Description

##### PD

PD’s must only send reply code in the valid range for its replies. The list of replies can be found in appendix A.2 in the OSDP standards document.

##### ACU

ACU’s must only send command code in the valid range for its commands. The list of replies can be found in appendix A.1 in the OSDP standards document.

#### Purpose

A single byte code that identifies the type of command or reply of the packet.

#### 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

* Verify that every reply packet sent has a reply code in the valid range.

##### ACU Test

* Verify that every command packet sent has a command code in the valid range.

#### Development status

Available in libosdp-conformance 1.28-1

#### Test Results

JSON tags

|  |  |
| --- | --- |
| test | 050-09-10 |
| test-status | 1 for pass, 0 for fail |

#### Revision History

Refreshed for 2.1.