### Test 060-16-04 Key Rotation

#### Description

##### PD

Process an osdp\_KEYSET inside an active paired session.

##### ACU

Provide a way to select a new key given a PD is already paired.

#### Purpose

Show the key can be “rotated” (changed out for a new key.)

#### Criteria

|  |  |
| --- | --- |
| Basic OSDP (PD) | Optional |
| Basic OSDP (ACU) | Optional |
| 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) | Optional |
| Extended Read/Write (ACU) | Optional |

#### Test action

##### PD Test

Set up a paired key session. Within that keyset to another key and establish an SC using that new rotated-in key.

##### ACU Test

Provide a mechanism to assign a new key given a PD is currently paired with a known key.

#### Development status

Available in libosdp-conformance 1.28-2

#### Test Results

JSON tags

|  |  |
| --- | --- |
| test | 060-16-04 |
| test-status | 1 for pass, 0 for fail |

#### Revision History

Refreshed for 2.1.