### Test 070-17-02 RMAC\_I Initial Cryptogram and RMAC Error

#### Description

##### PD

Not applicable, ACU test.

##### ACU

Provide error flag per Annex D to indicate RMAC-I bad status.in osdp\_RMAC\_I response to osdp\_SCRYPT.

Process error status (see table D.3.2) received in response to SCRYPT and cease (restart) the secure channel session currently being established.

#### Purpose

Confirm the ACU validates the SCS header status in an osdp\_RMAC\_I response and takes appropriate action. Confirm it does not continue using the current Secure Channel session.

|  |  |
| --- | --- |
| Basic OSDP (PD) | Not Applicable |
| Basic OSDP (ACU) | Optional |
| Secure Channel (PD) | Not Applicable |
| Secure Channel (ACU) | Required |
| BIO Match (PD) | Not Applicable |
| BIO Match (ACU) | Required |
| BIO Read (PD) | Not Applicable |
| BIO Read (ACU) | Required |
| Extended Packet Mode (PD) | Not Applicable |
| Extended Packet Mode (ACU) | Required |
| Extended Read/Write (PD) | Not Applicable |
| Extended Read/Write (ACU) | Required |

#### Test action

##### PD Test

Not applicable, applies to ACU processing of a PD response.

##### ACU Test

Calculate the RMAC-I response value as usual but set the status in the SCS header to 0xff. Send that. Inspect an external OSDP trace to confirm the ACU does not proceed to set up that secure channel session. The EAC may emit telemetry when this event occurs.

#### Development status

Available in libosdp-conformance 1.33-Build-2

#### Test Results

JSON tags

|  |  |
| --- | --- |
| Test | 070-17-02 |
| test-status | 1 for pass, 0 for fail |

#### Revision History

Text updated 2.5.8