### Test 070-03-08 NAK 5 Security Block not supported

##### This test covers the case when a PD returns a NAK with a reason code of 5, which per table 47 document OSDP 2.2 indicates “security block not supported”.

##### PD

PD MUST respond with a NAK if an unexpected or missing SCB is detected. It MAY include a reason code, the reason code must be 0x05 (“Security Block not supported”)

##### ACU

ACU MUST accept Error Code Value 0x05. ACU and upstream EAC SHOULD provide a record and/or indication this has been received.9Q

#### Purpose

##### Indicates to the ACU that a PD has received a command with an unexpected or missing SCB header is detected.

#### Criteria

|  |  |
| --- | --- |
| Basic OSDP (PD) | Optional |
| Basic OSDP (ACU) | Optional |
| Secure Channel (PD) | Optional |
| Secure Channel (ACU) | Optional |
| BIO Match (PD) | Optional |
| BIO Match (ACU) | Optional |
| BIO Read (PD) | Optional |
| 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

Send an inappropriate unencrypted command to a PD that is in secure channel (e.g. a cleartext poll.) Confirm a NAK-5 is received.

##### ACU Test

Confirm ACU accepts NAK and reacts rationally, preferrably by noting the error and/or generating operator-visible alert indication.

#### Development status

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

#### Test Results

JSON tags

|  |  |
| --- | --- |
| test | 070-03-08 |
| test-status | 1 for pass, 0 for fail |

#### Revision History

Corrected in 2.5.5