### Test 070-22-01 CRAUTHR Response to Challenge

#### Description

##### PD

##### This command instructs the PD to perform a cryptographic challenge/response sequence. The challenge data is in the payload of this message as shown in Table 64.

##### ACU

Issue CRAUTH command and process CRAUTHR response to challenge as shown in Table 64.

#### Purpose

Allow processing of a GENCRAUTHR response to cryptographic challenge for credential processing.

|  |  |
| --- | --- |
| 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

Determine the PD provides proper response to CRAUTH command as outlined in Table 64.

##### ACU Test

Issue CRAUTH command and process credential data in CRAUTHR response in support cryptographic challenge.

#### 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 | 070-22-01 |
| test-status | 1 for pass, 0 for fail |

#### Revision History

New for 2.4.2