

Commit ca39cb9

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Donnie-Ice committed 2 weeks ago

TC_process underflow resolved

dev 1 parent 45e079a commit ca39cb9

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- src/core
 - crypto_tc.c
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2 files changed +60 -0 lines changed

Search within code

src/core/crypto_tc.c +7

```
@@ -1871,6 +1871,13 @@ int32_t Crypto_TC_ProcessSecurity_Cam(uint8_t *ingest, int
*len_ingest, TC_t *tc

1871 1871
1872 1872     Crypto_TC_Calc_Lengths(&fecf_len, &segment_hdr_len);
1873 1873
1874 +     if(tc_sdls_processed_frame->tc_header.fl <= TC_FRAME_HEADER_SIZE - segment_hdr_len
- fecf_len + 1)
1875 +     {
1876 +         status = CRYPTO_LIB_ERR_TC_FRAME_LENGTH_UNDERFLOW;
1877 +         mc_if->mc_log(status);
1878 +         return status;
1879 +     }
1880 +
1874 1881     // Parse & Check FECF
1875 1882     Crypto_TC_Parse_Check_FECF(ingest, len_ingest, tc_sdls_processed_frame);
1876 1883
```

[illegible]

```

1293 +     uint8_t *test_frame_pt_b = NULL;
1294 +     int      test_frame_pt_len = 0;
1295 +
1296 +     SecurityAssociation_t *test_association;
1297 +     sa_if->sa_get_from_spi(10, &test_association);
1298 +     test_association->sa_state = SA_OPERATIONAL;
1299 +     test_association->est      = 1;
1300 +     test_association->arsn_len = 0;
1301 +     test_association->shsnf_len = 0;
1302 +
1303 +     crypto_key_t *ekp = NULL;
1304 +     ekp            = key_if->get_key(test_association->ekid);
1305 +     ekp->key_state  = KEY_ACTIVE;
1306 +
1307 +     // Convert input test frame
1308 +     hex_conversion(test_frame_pt_h, (char **)&test_frame_pt_b, &test_frame_pt_len);
1309 +
1310 +     status = Crypto_TC_ProcessSecurity(test_frame_pt_b, &test_frame_pt_len,
1311 +                                       tc_sdls_processed_frame);
1312 +
1313 +     ASSERT_EQ(CRYPTO_LIB_ERR_TC_FRAME_LENGTH_UNDERFLOW, status);
1314 +     free(test_frame_pt_b);
1315 +     free(tc_sdls_processed_frame);
1316 +     Crypto_Shutdown();
1317 + }
1265 1318     UTEST_MAIN();

```

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