

Clarification Request

References: BTL Test Plan 23.1 chapter 9.9.2 test 14.YY.1.3.1

Date of BTL-WG Response: 2023-08-31

Background: BTL Test Plan 23.1 chapter 9.9.2 test 14.YY.1.3.1

14.YY.1.3.1 Configuration Via PEM Test

Reference: YY.7.4.1.3

Purpose: To verify that the IUT's configuration tool supports PEM format certificates.

Test Concept: The IUT's configuration tool is made to export a certificate signing request in PEM format. The PEM signing request is imported into the TD and a PEM format certificate is exported in PEM format. The PEM certificate is then loaded into the IUT with the IUT's configuration tool. The IUT is then configured to connect to the TD as the primary hub. The IUT is allowed to connect to the primary hub, and a successful connection is verified.

Test Steps:

1. MAKE(the IUT's configuration tool export a certificate signing request in PEM format)
2. CHECK(that the PEM file is well formed)
3. MAKE(import the PEM file into the TD and generate a PEM format certificate)
4. MAKE(the IUT's configuration tool load the PEM format certificate into the IUT)
5. MAKE(the IUT connect to the TD using the new certificate)

Problems:

The Certificate Authority (CA) and the B/SC hub are both specified as the TD.

The test does not include adding the issuer certificate to the IUT.

Question #1:

Should the CA and hub be allowed to be independent test devices in this test?

Question #2:

Should adding the issuer certificate to the IUT be added to this test?

Responses:

1) Yes.

2) Yes.