

## Clarification Request

**References:** ASHRAE 135.1-2023, ASHRAE 135-2024, Test Package 26.0.

**Date of BTL-WG Response:** August 7, 2025

**Background:**

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## 9.9 Data Link Layer - Secure Connect

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### 9.9.6 Is Able to Initiate Direct Connections

The IUT supports initiating direct connections.

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<b>135.1-2023 - 12.5.3.3.2.3 - Rejection of Invalid Certificate Outgoing Connection Test</b>		
	<b>Test Conditionality</b>	Must be executed.
	<b>Test Directives</b>	Repeat with an expired certificate. Repeat with a certificate not signed by the locally configured CA.
	<b>Testing Hints</b>	

#### 12.5.3.3.2.3 Rejection of Invalid Certificate Outgoing Connection Test

**Purpose:** To verify that the IUT will drop initiated connection attempts if the peer's certificate is invalid.

**Test Concept:** With the IUT configured to initiate direct connections. Make the IUT attempt to connect to D3 via a direct connection. D3 presents an invalid certificate during the connection. Verify that the WebSocket is not established.

**Configuration Requirements:** The IUT is configured to initiate direct connections. D3 is configured with an invalid certificate. D3 shall be configured to accept the IUT's certificate.

**Test Steps:**

- 1. MAKE(the IUT attempt to establish a direct connection to D3)
- 2. CHECK(that the IUT initiated a WebSocket connection)
- 3. CHECK(that the WebSocket connection was failed by the IUT)

**Problem:**

The IUT will only attempt to establish a direct connection to a device when that device is connected to the hub. Test 12.5.3.3.2.3 requires the TD (D3) to contain an invalid certificate so the TD cannot connect to the hub.

Because certificates are only validated at the time of connection, a TD, connected to the hub, can contain an expired certificate when a direct connection is attempted.

**Question:**

Can “Repeat with a certificate not signed by the locally configured CA” directive for test 12.5.3.3.2.3 be skipped if the IUT will not attempt to establish a direct connection because the test device cannot connect to the hub?

**Response:**

**No. In this case, the test can be skipped in its entirety**