

**References:** BTL Specified Tests-20.0.Final.pdf

### Background:

Following is the snapshot of 14.YY.1.2.9 Invalid WebSocket Data Test form BTL Specified Tests-20.0.Final.pdf

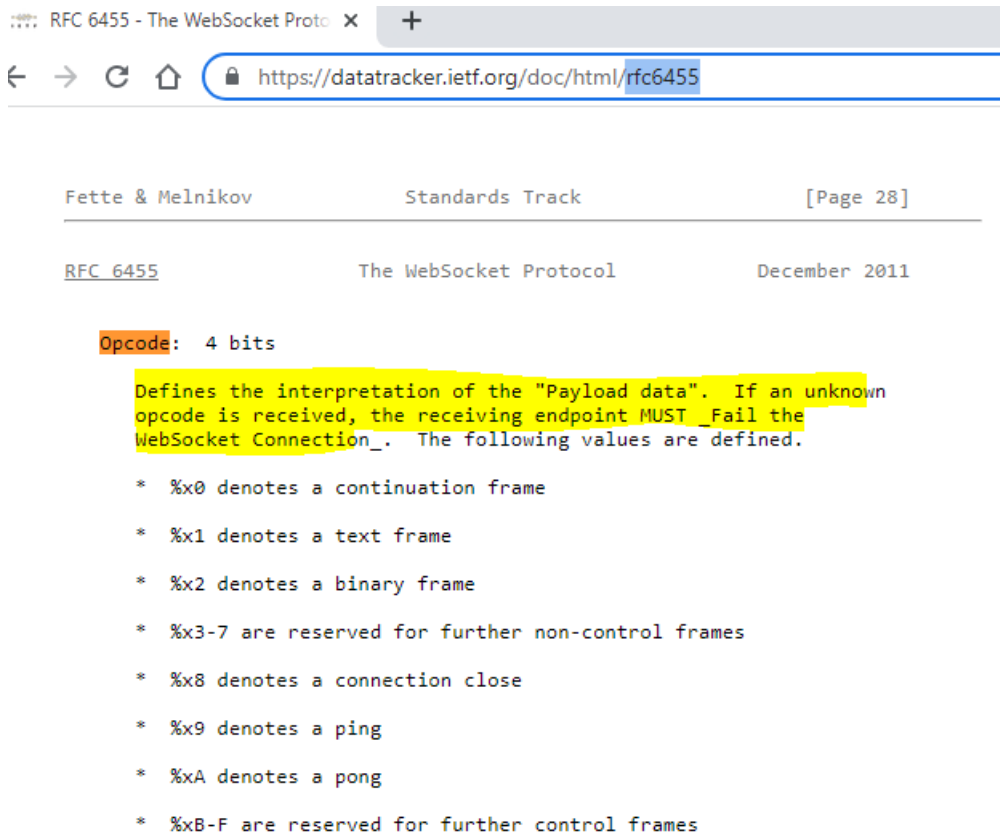
## Reference: YY.7.5.3

Test Concept: The IUT is connected to the network. Send a non-binary WebSocket data frame (the only type allowed for BVLC packets) to the IUT to hub WebSocket. Verify that the IUT closes the connection.

### Test Steps:

- The bulk of WebSocket libraries silently omit the few opcodes; for instance, Libwebsocket silently omits three to seven values. No meaning of this opcodes in the WebSocket library. Only 1 is for text. 2 is for binary, which is used for BACnet/SC. WebSockets.

Ox3 to Ox7 and OxB to OxF, are not defined yet or reserved for future use. Refer to RFC 6455's statement below.



At the WebSocket level, these opcodes are silently dropped, and packets are not forwarded to the stack or application. Due to this, Stack/IUT could not take any decisions.

**Question:**

Can BTL mark as NA or ignore those opcodes, which are not defined and silently dropped at WebSocket level? e.g., 3 to 7 opcodes.

**RESPONSE:**

The BTL Working Group agrees that it is not clear what the standard's mandate is with respect to opcodes 3 – 7. The BTL-WG will bring the issue up with the SSPC. Until further direction is received, the test will be restricted to testing opcode 1.