



TVRC Errata Item

1 Errata Item Details

TVRC Errata Item ID	TVRC-EE100
Date Received	2016-08-23
TVRC ID	EE100
Date Resolved	2016-08-23
CC/TWG Kavi Comment Reference	n/a
TWG Change Request (CR)	testingwg.00465.2016. TC CTO TAR BI 02 x and TC CTO TAR BI 03 x.001.docx

2 Document Details

TC Document Name	Test Cases for LLCP
TC Document Date	2016-02-11
TC Document Status	Published



3 Issue Summary

Functionality Area/Subject	T2TOperations
Test Case ID	TC_CTO_TAR_BI_02_x TC_CTO_TAR_BI_03_x
Subcase	x=5
Scenario(s)	TC_CTO_TAR_BI_02_x.B and TC_CTO_TAR_BI_03_x.B
Step(s)	3 and 1 , respectively

Today, two different implementations exist:

4 Issue Description

The Test case scenario description for both test cases need to be updated, since some tool vendors have implemented an hex translation of the part “**dta:co:echo:in**” When it should be in pure ASCII code.

'08' (SDREQ) + '0C' (length) + '01' (TID) + '75 72 6e 3a 6e 66 63 3a 73 6e 3a 64 74 61 2d 63 6f 2d 65 63 68 6f 2d 69 6e' (urn:nfc:sn:dta:co:echo:in)

Today, two different implementations exist of which the first is correct:

**'75 72 6e 3a 6e 66 63 3a 73 6e 3a 64 74 61 2d 63 6f 2d 65 63 68 6f 2d 69 6e' →
urn:nfc:sn:dta-co-echo-in**

**'75 72 6e 3a 6e 66 63 3a 73 6e 3a 64 74 61 3a 63 6f 3a 65 63 68 6f 3a 69 6e' →
urn:nfc:sn:dta:co:echo:in**

Bothe Test case scenarios shall be updated to be: “**urn:nfc:sn:dta-co-echo-in**”

5 Approved Resolution

TC Id	TC_CTO_TAR_BI_02_x																		
RQ reference	LLCP_4.3.8.1, LLCP_4.3.8.2, LLCP_4.3.8.3, LLCP_4.3.8.7, LLCP_4.3.8.8																		
Test Purpose	<p>ensure that</p> <pre>{ when { the local LLC of the IUT receives a CONNECT PDU from the LT containing an error } then { the IUT will respond with the DM PDU } }</pre>																		
Comments																			
Selection	<p>Selection:</p> <ul style="list-style-type: none"> The IUT supports Connection Oriented Mode The IUT supports Connection set-up with SN parameter in CONNECT 																		
Test Configuration Functions																			
Conditions	The test starts (step 1 of the scenario) with the first LLC PDU sent by the LT during the Data Exchange Activity.																		
Test case scenario	<p>The test starts when the LT sends a CONNECT PDU command with DSAP=000001b. As a function of x, the LT sends different SN Parameters in the CONNECT PDU.</p> <table border="1"> <thead> <tr> <th>X</th> <th>LLC Parameters</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>'06' (SN) + '0E' (length) + '75 72 6E 3A 6E 66 63 3A 76 6F 69 64 0D 0A' (urn:nfc:void) <i>(malformed Service Name URI)</i></td> <td>'02'</td> </tr> <tr> <td>2</td> <td>'06' (SN) + '0B' (length) + '75 72 6e 3a 6e 66 63 3a 73 6e 3a' (urn:nfc:sn:) <i>(zero-length <servicename>)</i></td> <td>'02'</td> </tr> <tr> <td>3</td> <td>'06' (SN) + '00' (length) <i>(empty value field)</i></td> <td>'02'</td> </tr> <tr> <td>4</td> <td><none></td> <td>'03' or '10'</td> </tr> <tr> <td>5</td> <td>'06' (SN) + '0B' (length) + '75 72 6e 3a 6e 66 63 3a 73 6e 3a 64 74 61 2d 63 6f 2d 65 63 68 6f 2d 69 6e' (urn:nfc:sn:dta-co-echo-in)</td> <td></td> </tr> </tbody> </table> <p>The IUT shall respond with a DM PDU, with the reason in function of</p>	X	LLC Parameters	Reason	1	'06' (SN) + '0E' (length) + '75 72 6E 3A 6E 66 63 3A 76 6F 69 64 0D 0A' (urn:nfc:void) <i>(malformed Service Name URI)</i>	'02'	2	'06' (SN) + '0B' (length) + '75 72 6e 3a 6e 66 63 3a 73 6e 3a' (urn:nfc:sn:) <i>(zero-length <servicename>)</i>	'02'	3	'06' (SN) + '00' (length) <i>(empty value field)</i>	'02'	4	<none>	'03' or '10'	5	'06' (SN) + '0B' (length) + '75 72 6e 3a 6e 66 63 3a 73 6e 3a 64 74 61 2d 63 6f 2d 65 63 68 6f 2d 69 6e' (urn:nfc:sn:dta-co-echo-in)	
X	LLC Parameters	Reason																	
1	'06' (SN) + '0E' (length) + '75 72 6E 3A 6E 66 63 3A 76 6F 69 64 0D 0A' (urn:nfc:void) <i>(malformed Service Name URI)</i>	'02'																	
2	'06' (SN) + '0B' (length) + '75 72 6e 3a 6e 66 63 3a 73 6e 3a' (urn:nfc:sn:) <i>(zero-length <servicename>)</i>	'02'																	
3	'06' (SN) + '00' (length) <i>(empty value field)</i>	'02'																	
4	<none>	'03' or '10'																	
5	'06' (SN) + '0B' (length) + '75 72 6e 3a 6e 66 63 3a 73 6e 3a 64 74 61 2d 63 6f 2d 65 63 68 6f 2d 69 6e' (urn:nfc:sn:dta-co-echo-in)																		



TC Id	TC_CTO_TAR_BI_02_x
	x.
Acceptance criteria	<ul style="list-style-type: none">• The DM PDU is correctly formatted• For x=1, 2, and 3: Disconnected Mode Reason '02' SHALL indicate that the IUT has received a CONNECT PDU. and there is no service bound to the specified target service access point.• For x=4 Disconnected Mode Reason '03' SHALL indicate that the IUT has processed a CONNECT PDU and the request to connect was rejected by the service layer OR Disconnected Mode Reason '10' SHALL indicate that the IUT will permanently not accept any CONNECT PDUs with the same target service access point address.

TC Id	TC_CTO_TAR_BI_03_x
RQ reference	LLCP_4.3.5.5, LLCP_4.3.7.1, LLCP_4.3.7.2, LLCP_4.3.7.5,LLCP_5.9.1.6
Test Purpose	<p>ensure that</p> <pre>{ when { the local LLC of the IUT receives a SNL PDU from the LT with a known SN parameter } then { the IUT will establish the connection } }</pre>
Comments	
Selection	<p>Selection:</p> <ul style="list-style-type: none"> • The IUT supports Connection Oriented Mode • The IUT supports Service Discovery
Test Configuration Functions	
Conditions	The test starts (step 1 of the scenario) with the first LLC PDU sent by the LT during the Data Exchange Activity.
Test case scenario	<p>The test starts when the LT sends a SNL PDU command containing errors in the SDREQ parameter.</p> <p>X LLC Parameters</p> <ol style="list-style-type: none"> 1 '08' (SDREQ) + '0F' (length) + '01' (TID) + '75 72 6E 3A 6E 66 63 3A 76 6F 69 64 0D 0A' (<i>malformed Service Name URI</i>) 2 '08' (SDREQ) + '0C' (length) + '01' (TID) + '75 72 6e 3a 6e 66 63 3a 73 6e 3a' (urn:nfc:sn:) (<i>zero-length <servicename></i>) 3 '08' (SDREQ) + '01' (length) + '01' (TID) (<i>empty Service Name URI</i>) 4 <none> 5 '08' (SDREQ) + '0C' (length) + '01' (TID) + '75 72 6e 3a 6e 66 63 3a 73 6e 3a 64 74 61 2d 63 6f 2d 65 63 68 6f 2d 69 6e' (urn:nfc:sn:dta-co-echo-in)
Acceptance criteria	If a service with the given service name URI is not registered in the local service environment, the IUT SHALL return a service discovery response with the SAP field set to zero.



6 Document Updates to be Applied

[Test Cases for LLCP](#)

7 Information to the Authorized Labs

n/a

8 Information to the CA

n/