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## Step 4 - Project: BT + LE PSS

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### Product Type Verification

Product Type Selection in PROD Table: **Profile Subsystem**

### Status

Valid

Product Type Selection from Dropdown: **Profile Subsystem**

### • Product Type Conformance Check: **Profile Subsystem**

-- All mandatory profiles are being claimed. --

PROFILE: [ [A2DP](#) [AVRCP](#) [BIP](#) [BPP](#) [1.2](#) [DUN](#) [DID](#) [FAX](#) [FTP](#) [GAVDP](#) [HFP](#) [1.5](#) [HDP](#) [HID](#) [HSP](#) [IOP](#) [MAP](#) [MCAP](#) [OPP](#) [PBAP](#) [SAP](#) [SPP](#) [SYNC](#) ]**Multi-Channel Adaptation Protocol**  
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### CAPABILITY STATEMENT

[\[ top \]](#)**Table 1: Roles**

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Supports Source Role ?	3.4	C.1	<input checked="" type="radio"/> <input type="radio"/>
2	Supports Sink Role ?	3.4	C.1	<input checked="" type="radio"/> <input type="radio"/>
3	Supports Sync-Slave Role ?	5.1.3.1	C.2	<input checked="" type="radio"/> <input type="radio"/>
4	Supports Sync-Master Role ?	5.1.3.2	C.3	<input checked="" type="radio"/> <input type="radio"/>

*C.1: if support for Table 1a/1 (Supports Standard Op Codes) is supported, at least one of the defined roles is Mandatory otherwise Excluded.**C.2: Mandatory if Table 1a/2 (Supports Clock Synchronization Protocol) is supported, otherwise Excluded.**C.3: Optional if Table 1a/2 (Supports Clock Synchronization Protocol) is supported, otherwise Excluded.***Table 1a: Protocols***Prerequisite: SUMMARY-ICS 3-1/3 OR 3-1/4 OR 3-1/5 OR 3-1/6 (Supports Host 2.0 or later)*

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Supports Standard Op Codes ?	3, 4	C.1	<input checked="" type="radio"/> <input type="radio"/>
2	Supports Clock Synchronization Protocol ?	5	C.1	<input checked="" type="radio"/> <input type="radio"/>

*C.1: Support for at least one of the defined protocols is Mandatory.*[Update PICS Information](#)TOOLS: [ [Consistency Check](#) ]

### L2CAP Features - Source

[\[ top \]](#)**Table 2: L2CAP Features - Source***Prerequisite: MCAP Table 1/1 (Supports Source Role)*























Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Supports L2CAP Control Channel	3.2	M	<input checked="" type="radio"/> <input type="radio"/>
2	Supports at least one L2CAP Data Channel	3.3	M	<input checked="" type="radio"/> <input type="radio"/>
3	Maximum number of simultaneous L2CAP Data Channels supported (DCmax) per MCL	3.3	M	<input checked="" type="radio"/> <input type="radio"/>
4	Can support multiple simultaneous MCLs with Standard Op Codes	3.2	O	<input checked="" type="radio"/> <input type="radio"/>

### Connection Management - Source

[\[ top \]](#)**Table 3: Connection Management - Source***Prerequisite: MCAP Table 1/1 (Supports Source Role)*

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	(Intentionally left blank)			<input type="radio"/> <input checked="" type="radio"/>
2	Initiate creation of Control and Data	4.3	C.1	<input checked="" type="radio"/> <input type="radio"/>
3	Accept creation of Control and Data ?	4.3	C.1	<input checked="" type="radio"/> <input type="radio"/>
4	Initiate Disconnection of MCL	4.3	M	<input checked="" type="radio"/> <input type="radio"/>

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5	Accept Disconnection of MCL	4.3	M		
6	Initiate Disconnection of MDL	4.3	M		
7	Accept Disconnection of MDL	4.3	M		
8	Initiate Reconnection of MDL	4.3	O		
9	Accept Reconnection of MDL	4.3	C.2		
10	Initiate Deletion of MDL	4.3	O		
11	Accept Deletion of MDL	4.3	M		
12	Initiate Delete of All MDLs using 0xFFFF	4.3	O		
13	Accept Delete of All MDLs using 0xFFFF	4.3	M		
14	Send MDL Abort request	4.3	O		
15	Accept MDL Abort request	4.3	M		

C.1: Support for at least one of Table 3/2 (Initiate creation of Control and Data Channels) or Table 3/3 (Accept creation of Control and Data Channels) is Mandatory.

C.2: Mandatory if Table 3/3 (Accept creation of Control and Data Channels) is supported, otherwise Excluded.

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## L2CAP Features - Sink

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**Table 4: L2CAP Features - Sink**

*Prerequisite: MCAP Table 1/2 (Supports Sink Role)*
















Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Supports L2CAP Control Channel	3.2	M	<div><div></div><div></div></div>
2	Supports at least one L2CAP Data Channel	3.3	M	<div><div></div><div></div></div>
3	Maximum number of simultaneous L2CAP Data Channels supported (DCmax) per MCL	3.3	M	<div><div></div><div></div></div>
4	Can support multiple simultaneous MCLs with Standard Op Codes	3.2	O	<div><div></div><div></div></div>

## Connection Management - Sink

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**Table 5: Connection Management - Sink**

*Prerequisite: MCAP Table 1/2 (Supports Sink Role)*

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	<i>(Intentionally left blank)</i>			
2	Initiate creation of Control and Data Channels		M	
3	Accept creation of Control and Data Channels		M	
4	Initiate Disconnection of MCL		M	
5	Accept Disconnection of MCL		M	
6	Initiate Disconnection of MDL		M	
7	Accept Disconnection of MDL		M	
8	Initiate Reconnection of MDL		O	
9	Accept Reconnection of MDL		M	
10	Initiate Deletion of MDL		O	
11	Accept Deletion of MDL		M	
12	Initiate Delete of All MDLs using 0xFFFF		O	
13	Accept Delete of All MDLs using 0xFFFF		M	
14	Send MDL Abort request		O	
15	Accept MDL Abort request		M	

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## Clock Synchronization Protocol - Sync-Slave

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**Table 6: Clock Synchronization Features - Sync-Slave**

*Prerequisite: MCAP Table 1/3 (Supports Sync-Slave Role)*

Prerequisite: MCAI Table 1/3 (Supports Sync-Slave Role)				
Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Accept MD_SYNC_CAP_REQ and MD_SYNC_SET_REQ and Initiate MD_SYNC_INFO_IND	5.4	M	<div><div></div><div></div></div>
2	(Intentionally left blank)			<div><div></div><div></div></div>
3	Can support multiple simultaneous MCLs with CSP	N/A	O	<div><div></div><div></div></div>
4	Can access Bluetooth Clock	5.1.1	O	<div><div></div><div></div></div>

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## Clock Synchronization Protocol - Sync-Master

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Table 7: Clock Synchronization Features - Sync-Master

Prerequisite: MCAP Table 1/4 (Supports Sync-Master Role)

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	<i>(Intentionally left blank)</i>			<input type="radio"/> <input checked="" type="radio"/>
2	Initiate MD_SYNC_CAP_REQ and MD_SYNC_SET_REQ and Accept MD_SYNC_INFO_IND	5.4	M	<input checked="" type="radio"/> <input type="radio"/>
3	Can support multiple simultaneous MCLs	N/A	O	<input checked="" type="radio"/> <input type="radio"/>
4	Can access Bluetooth Clock	5.1.1	O	<input checked="" type="radio"/> <input type="radio"/>

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