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## Step 3 - Project: BT + LE HSS

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### Product Type Verification

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

### Status

**Valid**Product Type Selection from Dropdown: **Host Subsystem**

### Host Subsystem Configuration Options

Host Subsystem (Classic): L2CAP, SDP, GAP, HCI

Host Subsystem (HS): Classic Host + L2CAP, A2MP, AMPHCI

Host Subsystem (LE): L2CAP, GAP, ATT, GATT, SM, 4.0HCI (+ Classic Host Optional)

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

-- All mandatory profiles are being claimed. --

CORE: [ [SUM](#) [ICS](#) [PROD](#) [HCI](#) [L2CAP](#) [A2MP](#) [SDP](#) [GAP](#) [GATT](#) [ATT](#) [SM](#) ]**Service Discovery Protocol**  
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### 1.3.1 UUID Capabilities

[\[ top \]](#)**Table 1: Support Different Size Capabilities on UUID**

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Support for 128 bit UUID	SDP, 2.7.1	M	<input checked="" type="radio"/> <input type="radio"/>
2	Support for 32 bit UUID	SDP, 2.7.1	M	<input checked="" type="radio"/> <input type="radio"/>
3	Support for 16 bit UUID	SDP, 2.7.1	M	<input checked="" type="radio"/> <input type="radio"/>

**Table 1b: Roles**

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Support for server role ?	SDP, 2.1	C.1	<input checked="" type="radio"/> <input type="radio"/>
2	Support for client role ?	SDP, 2.1	C.1	<input checked="" type="radio"/> <input type="radio"/>

*C.1 Mandatory to support at least one of the roles*

### 1.3.2 Service Search Request PDU

[\[ top \]](#)**Table 2: Valid Service Search Request**

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Support for respond on search of single Service, using ServiceSearchRequest.	SDP, 4.5	C.2	<input checked="" type="radio"/> <input type="radio"/>
2	Support for respond on search of Service, using continuation state	SDP, 4.5	O	<input checked="" type="radio"/> <input type="radio"/>
3	Search for services using the continuation state.	SDP, 4.3	C.1	<input checked="" type="radio"/> <input type="radio"/>

*C.1 Mandatory to support IF the client role is supported (1b/2)**C.2 Mandatory to support if the server role is supported (1b/1)***Table 3: Invalid Service Search Request**

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Support for error response on Service search request.	SDP, 4.4	M	<input checked="" type="radio"/> <input type="radio"/>

### 1.3.3 Service Attribute Request PDU



[\[ top \]](#)**Table 4: Valid Service Attribute Request**

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Support for respond on search of Attribute(s)	SDP, 4.6	M	<input checked="" type="radio"/> <input type="radio"/>
2	Support for respond on search of Attribute, using continuation state.	SDP, 4.6	O	<input checked="" type="radio"/> <input type="radio"/>
3	Support for respond on search on attribute AdditionalProtocolDescriptorList	SDP, 4.5, 5.1.6	O	<input checked="" type="radio"/> <input type="radio"/>







**Table 5: Invalid Service Attribute Request**

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
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1	Support for error response on Attribute search request.	SDP, 4.4	M	 
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**1.3.4 Service Search Attribute Request PDU**[\[ top \]](#)**Table 6: Valid Service Search Attribute Request**

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Support for respond on search for Service(s) and Attribute(s)	SDP, 4.7	M	 
2	Support for respond on search of Attribute, using continuation state.	SDP, 4.7	O	 
3	Support for respond on search on attribute AdditionalProtocolDescriptorList on existing service	SDP, 4.7, 5.1.6	O	 







































**Table 7: Invalid Service Search Attribute Request**

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Support for error response on Service and Attribute request.	SDP, 4.4	M	 

**1.3.5 Service Browsing**[\[ top \]](#)**Table 8: Service Browsing**

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Support for browsing, using SDP_ServiceSearchRequest and SDP_ServiceAttributeRequest	SDP, 4.5 SDP, 4.6 SDP, 2.8	O	 
2	Support for browsing, using SDP_ServiceSearchAttributeRequest	SDP, 4.7 SDP, 2.8	O	 

**1.3.6 Attributes**[\[ top \]](#)**Table 9: Attributes Present in IUT**

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	ServiceID	SDP, 5.1.4	O	 
2	ProtocolDescriptorList	SDP, 5.1.5	O	 
3	ServiceRecordState	SDP, 5.1.3	O	 
4	ServiceInfoTimeToLive	SDP, 5.1.9	O	 
5	BrowseGroupList	SDP, 5.1.7	O	 
6	LanguageBaseAttributedIdList	SDP, 5.1.8	O	 
7	ServiceAvailability	SDP, 5.1.10	O	 
8	IconURL	SDP, 5.1.14	O	 
9	ServiceName	SDP, 5.1.15	O	 
10	ServiceDescription	SDP, 5.1.16	O	 
11	ProviderName	SDP, 5.1.17	O	 
12	VersionNumberList	SDP, 5.2.3	O	 
13	ServiceDataBaseState	SDP, 5.2.4	O	 
14	BluetoothProfileDescriptorList	SDP, 5.1.11	O	 
15	DocumentationURL	SDP, 5.1.12	O	 
16	ClientExecutableURL	SDP, 5.1.13	O	 
17	AdditionalProtocolDescriptorList	SDP, 5.1.6	O	 
18	ServiceRecordHandle	SDP, 5.1.1	M	 
19	ServiceClassIDList	SDP, 5.1.2	M	 

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