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Step 3 - Project: BT + LE HSS

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Product Type Verification	Status
Product Type Selection in PROD Table: **Host Subsystem**	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**]

Security Manager Protocol
Vol 3, Part F

Update PICS Information   TOOLS: [Consistency Check]

TABLE OF CONTENTS
Connection Roles
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Key Distribution and Usage
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Connection Roles   [top]

Table 1: Roles

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Master Role (Initiator) ❓	[1] 2.4	C.1	◉ ○
2	Slave Role (Responder) ❓	[1] 2.4	C.1	◉ ○

C.1: At least one of these features shall be supported

Security Properties   [top]

Table 2: Security Properties

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Authenticated MITM protection ❓	[1] 2.3.1	O	◉ ○
2	Unauthenticated no MITM protection	[1] 2.3.1	C.1	◉ ○
3	No security requirements	[1] 2.3.1	M	◉ ○
4	OOB supported	[1] 2.3.1	O	◉ ○

C.1: If 2/1 (Authenticated MITM protection) is supported then mandatory else optional

Encryption Key Size   [top]

Table 3: Encryption Key Size

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Encryption Key Size Negotiation	[1] 2.3.4	M	◉ ○

Pairing Method   [top]

Table 4: Pairing Method

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Just Works	[1] 2.3.5	O	◉ ○
2	Passkey Entry	[1] 2.3.5	C.1	◉ ○
3	Out of Band	[1] 2.3.5	C.1	◉ ○

C.1: If 2/1 (Authenticated MITM protection) is supported, at least one of these features shall be supported

Key Distribution and Usage   [top]

Table 5: Key distribution and usage Features

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Encryption Setup using STK ❓	[1] 2.4	C.3	◉ ○
2	Encryption Setup using LTK	[1] 2.4	O	◉ ○
3	Slave Initiated Security	[1] 2.4.6	C.1	◉ ○

| 4 | Slave Initiated Security – Master response | [1] 2.4.6 | C.2 | ◉ | ○ |

C.1: Mandatory if 1/2 is supported, otherwise excluded
C.2: Mandatory if 1/1 is supported, otherwise excluded
C.3 Mandatory IF 2/1 OR 2/2 OR 2/4 is supported, otherwise excluded

Signing Algorithm   [top]

Table 6: Signing Algorithm

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]	
1	Signing Algorithm - Generation	[1] 2.4	O	◉	○
2	Signing Algorithm - Resolving	[1] 2.4	O	◉	○

Update PICS Information   TOOLS: [Consistency Check]