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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

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]

Status

Valid

Basic Imaging Profile External to Core

Update PICS Information

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Capabilities and Functions Support

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Table 0. Profile Version

		•			
Item	Capability	System Spec Reference	Status	Support [Yes] or [No]	
1	BIP v1.0	BIP v1.0	C.1	0 (•
2	BIP v1.1 ①	BIP v1.1	C.1	⊙ (0

C.1: It is mandatory to support at least one of the profile versions

Table 1: Roles

Note: At least Image Push or Image Pull must be implemented

Item	Capability	System Spec Reference	Status	Sup [Yes] c	port or [No]
1	Image Push Initiator ®	2.2	C.1	•	0
2	Image Push Responder 😨	2.2	C.1	•	0
3	Image Pull Initiator ③	2.2	C.2	0	•
4	Image Pull Responder 😗	2.2	C.2	0	•
5	Advanced Image Printing Initiator	2.2	C.3	0	•
6	Advanced Image Printing Responder (=Printer)	2.2	C.3	0	•
7	Automatic Archive Initiator ③	2.2	C.4	•	0
8	Automatic Archive Responder ①	2.2	C.4	•	0
9	Remote Camera Initiator 🕧	2.2	C.5	•	0
10	Remote Camera Responder 🕧	2.2	C.5	•	0
11	Remote Display Initiator ①	2.2	C.6	0	•
12	Remote Display Responder ③	2.2	C.6	0	•

C.1: Mandatory to Support at least one of (1/1) (1/2) to claim Image Push C.2: Mandatory to Support at least one of (1/3) (1/4) to claim Image Pull

C.3: Mandatory to Support at least one of (1/5) (1/6) to claim Advanced Image Printing

C.4: Mandatory to Support at least one of (1/7) (1/8) to claim Automatic Archive C.5: Mandatory to Support at least one of (1/9) (1/10) to claim Remote Camera

C.6: Mandatory to Support at least one of (1/11) (1/12) to claim Remote Display

Update PICS Information

TOOLS: [Consistency Check]

Image Push Initiator Capabilities

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Table 2: Image Push Initiator Functions Support

Prerequisite: (1/1)

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	GetCapabilities	4.5.1	0	• •

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2	Putlmage	4.5.2	M.1	•	0
3	PutLinked Thumbnail	4.5.3	M.1	•	0
4	PutLinked Attachment	4.5.4	0	•	0

M.1: Mandatory to support if (1/1) supported.

Table 3: Putlmage Capabilities

Prerequisite: (1/1)

Ite	n Capability	System Spec Reference	Status	Support [Yes] or [No]	
1	Push imaging thumbnails	4.4.3	C.1	•	0
2	Push images in various formats (imaging thumbnails may or may not be included)	4.4.2	C.1	•	0

C.1: At least one of the two must be implemented.

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TOOLS: [Consistency Check]

Image Push Responder Capabilities

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Table 4: Image Push Responder Functions Support

Prerequisite: (1/2)

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]	
1	GetCapabilities	4.5.1	C.1	•	0
2	Putlmage	4.5.2	C.1	•	0
3	PutLinkedThumbnail	4.5.3	0	•	0
4	PutLinkedAttachment	4.5.4	0	•	0

C.1: Mandatory to support if (1/2) supported.

Table 5: Putlmage Capabilities

Prerequisite: (1/2)

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]	
1	Acceptance of imaging thumbnails	4.4.3, 4.4.6.3	C.1	• •	
2	Acceptance of images in other formats	4.4.2, 4.4.6.3	0	• 0	
3	Existence of a preferred image format	4.4.6.3	0	• •	

C.1: Mandatory to support if (1/2) supported.

Table 6: PutLinked Thumbnail Capabilities

Prerequisite: (1/2)

Item	Capability	System Spec Reference	Status	Suppo [Yes] or [
1	Partial Content response code is supported and used when necessary	4.5.2	0	•	0

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TOOLS: [Consistency Check]

Image Pull Initiator Capabilities

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Table 7: Image Pull Initiator Functions Support

Prerequisite: (1/3)

Item	Capability	System Spec Reference	Status	Support [Yes] or [No	
1	GetCapabilities	4.5.1	0	0	•
2	GetlmagesList	4.5.6	M.1	0	•
3	GetImageProperties	4.5.7	0	0	•
4	GetImage	4.5.8	C.1	0	•
5	GetLinkedThumbnail	4.5.9	C.1	0	•
6	GetLinkedAttachment	4.5.10	0	0	•
7	Deletelmage	4.5.11	0	0	•

C.1: At least one of these two functions must be implemented.

M.1: Mandatory to support if (1/3) supported.

Table 8: GetImages List Capabilities

Prerequisite: (1/3)

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]	
	Filtering is supported and used when requesting the imageslisting object	4.4.7.1, 4.5.6	0	•	
2	Do you retrieve the total number of images?	4.5.6	0	0 •	
3	Do you use the list of most recently captured images?	4.5.6	0	0 •	

Table 9: GetImage Capabilities

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Prerequisite: (1/3)

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	The IUT may retrieve imaging thumbnails	4.4.3, 4.4.7.2	C.1	O •
2	The IUT may retrieve images in a format other than imaging thumbnail	4.4.2, 4.4.7.2	C.1	0 0
3	The IUT can issue a request for native images (GetImages request with empty Img-Description header)	4.4.7.2	0	0 0

C.1: At least one of the two must be implemented.

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TOOLS: [Consistency Check]

Image Pull Responder Functions Support

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Table 10: Image Pull Responder Functions Support

Prerequisite: (1/4)

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]	
1	GetCapabilities	4.5.1	C.1	0	•
2	GetlmagesList	4.5.6	C.1	0	•
3	GetImageProperties	4.5.7	C.1	0	•
4	Getlmage	4.5.8	C.1	0	•
5	GetLinkedThumbnail	4.5.9	C.1	0	•
6	GetLinkedAttachment	4.5.10	C.2	0	•
7	DeleteImage	4.5.11	0	0	•

Table 11: Image Pull Responder Functions Support

Prerequisite: (1/4)

Prerec	ursite: (1/4)				
Item	Capability	System Spec Reference	Status	Supp [Yes] or	
1	All locally stored images are available in imaging thumbnail format	4.4.3	C.1	0	•
2	Images can be delivered in their native format	4.4.6.2	C.2	0	•
3	Images can be delivered in formats other than imaging Thumbnail and native	4.4.6.2, 4.4.7.1	C.3	0	•
4	Some images are available together with one or more attachments	4.4.6.2, 4.4.5	C.4	0	•

C.4: List all the possible attachment formats in the PIXIT section.

Table 12: Image Pull Responder Functions Support

Prerequisite: (1/4)
Note: Characterize the delection operation by filling in the following table (this table is a part of PIXIT,

Note.	lote. Characterize the defection operation by filling in the following table (this table is a part of PIXIT).						
Item	Capability	System Spec Reference	Status	Support [Yes] or [No]			
1	Deletion of an image is accompanied by the deletion of all its attachments.	4.5.11	0.1	○ •			

O.1: In the PIXIT section, explain the circumstances where deletion of an image is accompanied by the deletion of all related

Table 13: GetImagesList Capabilities

Prerequisite: (1/4)

	u.o.to. (1. 1)				
Item	Capability	System Spec Reference	Status	Support [Yes] or [No]]
1	Support of the LatestCapturedImages capability	4.5.6	C.1	0 0	٦
2	Support of the filtering parameters	4.4.7.1	C.2	0 0	1

C.1: In the PIXIT, indicate the maximum number of handles that the implementation can return in an imageslisting object (both for LatestCapturedImages = 0x00 and LatestCapturedImages = 0x01).

Update PICS Information

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Advanced Image Printing Initiator Capabilities

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Table 14: Advanced Image Printing Initiator Functions Support

Prerequisite: (1/5)

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	GetCapabilities (client side)	4.5.1	0	0 0
2	StartPrint (client side)	4.5.12	C.1	0 0
3	GetPartialImage (server side)	4.5.13	C.1	0 0

C.1: Mandatory to Support IF (1/4) supported.
C.2: List in the PIXIT section the attachment formats the implementation can provide

C.2: Describe the native format in the PIXIT section.
C.3: List all the formats the implementation can deliver in the PIXIT section. Note that the formats available may be dependent upon the nature of each individual image. If that is the case, the list should encompass all possible formats.

C.1: Mandatory to Support IF 1/4 is Supported

C.2: In the PIXIT, Indicate the implementation's level of support for the various filtering parameters (Filtering on creation dates, Filtering on modification dates, Filtering on encodings, Filtering on pixel-sizes)

4	GetStatus (client side)	4.5.15	0	0	•	

C.1: Mandatory to support if (1/5) supported.

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TOOLS: [Consistency Check]

Advanced Image Printing Responder Capabilities

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Table 15: Advanced Image Printing Responder Functions Support

Prerequisite: (1/6)

Item	Capability	System Spec Reference	Status	Suppor [Yes] or [N	
1	GetCapabilities (server side)	4.5.1	C.1	0 (•
2	StartPrint (server side)	4.5.12	C.1	0 (•
3	GetPartialImage (client side)	4.5.13	C.1	0 (•
4	GetStatus (server side)	4.5.15	C.1	0 (•

C.1: Mandatory to support if (1/6) supported.

Table 16: Advanced Image Printing Responder Functions Support

Prerequisite: (1/6)

ltem	Capability	System Spec Reference	Status	Sup [Yes]	port or [No]
1	Standard print	4.4.6.3	0	0	•
2	Index print	4.4.6.3	0	0	•
3	Multiple image print	4.4.6.3	0	0	•
4	Specific size print	4.4.6.3	0	0	•
5	Number of sets	4.4.6.3	0	0	•
6	Character stamp	4.4.6.3	0	0	•
7	Trimming	4.4.6.3	0	0	•
8	Existence of a perferred format	4.4.6.3	0	0	•

Update PICS Information

TOOLS: [Consistency Check]

Automatic Archive Initiator Capabilities

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Table 17: Automatic Archive Initiator Functions Support

Prerequisite: (1/7)

Item	Capability	System Spec Reference	Status		port or [No]
1	GetCapabilities (server side)	4.5.1	C.1	•	0
2	GetImagesList (server side)	4.5.6	C.1	•	0
3	GetImagesProperties (server side)	4.5.7	C.1	•	0
4	Getlmage (server side)	4.5.8	C.1	•	0
5	GetLinkedThumbnail (server side)	4.5.9	C.1	•	0
6	PutLinkedAttachment (server side)	4.5.10	0	•	0
7	DeleteImage (server side)	4.5.11	0	•	0
8	StartArchive (client side)	4.5.14	C.1	•	0
9	GetStatus (client side)	4.5.15	0	•	0

C.1: Mandatory to support if (1/7) supported.

Table 18: GetImagesList Capabilities

Prerequisite: (1/7)

Item	Capability	System Spec Reference	Status	Suppo [Yes] or	
1	Support of the LatestCapturedImages capability	4.5.6	0.1	•	0
2	Support of the filtering parameters	4.4.7.1	0.2	•	0

Update PICS Information

TOOLS: [Consistency Check]

Automatic Archive Responder Functions Support

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Table 19: Automatic Archive Responder Functions Support

Prerequisite: (1/8)

Item	Capability	System Spec Reference	Status	Supp [Yes] or	
1	GetCapabilities (client side)	4.5.1	0	•	0
2	GetImagesList (client side)	4.5.6	M.1	•	0
3	GetImagesProperties (client side)	4.5.7	0	•	0

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4	GetImage (client side)	4.5.8	M.1	•	0
5	GetLinkedThumbnail (client side)	4.5.9	0.1	•	0
6	PutLinkedAttachment (client side)	4.5.10	0.2	•	0
7	DeleteImage (client side)	4.5.11	0	•	0
8	StartArchive (server side)	4.5.14	M.1	•	0
9	GetStatus (server side)	4.5.15	M.1	•	0

Table 20: GetImagesList Capabilities

Prerequisite: (1/8)

Item	Capability	System Spec Reference	Status	Sup [Yes] o	
	Filtering is supported and used when requesting the imageslisting object	4.5.6, 4.4.7.1	0.1	•	0
2	Do you retrieve the total number of images?	4.5.6	0	•	0
3	Do you use the list of most recently captured images?	4.5.6	0	•	0

O.1: Explain the circumstances where it is used in the PIXIT section, filtering parameter by filtering parameter. In the PIXIT, indicate also the maximum number of handles the images-listing object can contain without causing parsing problems for the IUT.

Table 21: GetImage Capabilities

Prerequisite: (1/8)

Item	Capability	System Spec Reference	Status	Sup [Yes] c	
1	The IUT may retrieve imaging thumbnails	4.4.3, 4.4.7.2	C.1	•	0
2	The IUT may retrieve images in a format other than imaging thumbnail	4.4.2, 4.4.7.2	C.1	•	0
3	The IUT can issue a request for native images (GetImages request with empty Img-Description header)	4.4.7.2	0	•	0

C.1: At least one of the two must be implemented.

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TOOLS: [Consistency Check]

Capabilities and Functions Support

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Table 22: Remote Camera Initiator Functions Support

Item	Capability	System Spec Reference	Status	Supp [Yes] or	
1	GetMonitoringImage	4.5.16	C.1	•	0
2	GetImageProperties	4.5.7	0	•	0
3	GetImage	4.5.8	0	•	0
4	GetLinkedThumbnail	4.5.9	0	•	0

C.1: Mandatory to support if (1/9) supported.

Table 23: GetImage Capabilities

Prerequisite: (1/9)

Item	Capability	System Spec Reference	Status	Support [Yes] or [No	
1	The IUT may retrieve imaging thumbnails	4.4.3, 4.4.7.2	C.1	• 0)
2	The IUT may retrieve images in a format other than imaging thumbnail	4.4.2, 4.4.7.2	C.1	• 0)
3	The IUT can issue a request for native images (GetImages request with empty Img-Description header)	4.4.7.2	0	• 0)

C.1: At least one of the two must be implemented.

Note: Explain in the PIXIT section the circumstances that would trigger the IUT to retrieve an imaging thumbnail. Note: List in the PIXIT section all the formats the implementation can retrieve.

Update PICS Information

TOOLS: [Consistency Check]

Capabilities and Functions Support

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Table 24: Remote Camera Responder Functions Support

. 0. 0 9	ursite. (1710)				
Item	Capability	System Spec Reference	Status	Sup [Yes] c	port or [No]
1	GetMonitoringImage	4.5.16	C.1	•	0
2	GetImageProperty	4.5.7	C.1	•	0
3	GetImage	4.5.8	C.1	•	0
4	GetLinkedThumbnail	4.5.9	C.1	•	0

C.1: Mandatory to support if (1/10) supported.

Update PICS Information

TOOLS: [Consistency Check]

Capabilities and Functions Support

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Table 25: Remote Display Initiator Functions Support

Prerequisite: (1/11)

Item	Capability	System Spec Reference	Status	Supp [Yes] or	
1	GetCapabilities	4.5.1	0	0	•
2	Putlmage	4.5.2	C.1	0	•
3	PutLinkedThumbnail	4.5.3	C.1	0	•
4	GetImagesList	4.5.6	0	0	•
5	RemoteDisplay	4.5.5	C.1	0	•

C.1: Mandatory to support if (1/11) supported.

Table 26: RemoteDisplay Capabilities

Prerequisite: (1/11)

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Display the next or previous image	4.5.5	C.1	0 •
2	Display a selected image	4.5.5	C.1	0 •

C.1: At least one of the two must be implemented.

Table 27: Putlmage Capabilities

Prerequisite: (1/11)

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Push imaging thumbnails only	4.4.3, 4.5.2, 4.4.7.2	C.1	· •
	Push images under various formats (imaging thumbnail may or may not be included)	4.4.2, 4.5.2, 4.4.7.2	C.1	· •

C.1: At least one of the two must be implemented.

Table 28: GetImageList Capabilities

Prerequisite: (1/11)

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
	Filtering is supported and used when requesting the imageslisting object	4.5.6, 4.4.7.1	0	○ ⊙
2	Do you retrieve the total number of images?	4.5.6	0	0 0
3	Do you use the list of most recently captured images?	4.5.6	0	0 0

Update PICS Information

TOOLS: [Consistency Check]

Capabilities and Functions Support

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Table 29: Remote Display Responder Functions Support

Prerequisite: (1/12)

Item	Capability	System Spec Reference	Status	Sup [Yes] o	
1	GetCapabilities	4.5.1	C.1	0	•
2	Putlmage	4.5.2	C.1	0	•
3	PutLinkedThumbnail	4.5.3	0	0	•
4	GetlmagesList	4.5.6	C.1	0	•
5	RemoteDisplay	4.5.5	C.1	0	•

C.1: Mandatory to support if (1/12) supported.

Table 30: PutImage Capabilities

Prerequisite: (1/12)

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Acceptance of imaging thumbnails	4.4.3, 4.4.6.3	C.1	○ •
2	Acceptance of images in other formats	4.4.2, 4.4.6.3	0	0 0
3	Existence of a preferred image format	4.4.6.3	0	0 0

C.1: Mandatory to support if (1/12) supported.

Table 31: GetImagesList Capabilities

Prerequisite: (1/12)

Item	Capability	System Spec Reference	Status	Suppor [Yes] or [I	
1	Support of the LatestCapturedImages capability	4.5.6	0	0	•
2	Support of the filtering parameters	4.4.7.1	0	0	•

Table 32: PutLinkedThumbnail Capabilities

Prerequisite: (1/12)

Item	Capability	System Spec	Status	Support
		Reference		[Yes] or [No]

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1	Partial Content response code is supported and used when	4.5.2	0	0	•
	necessary			1	_

Table 33: Link Establishment Procedure

Item	Capability	System Spec Reference	Status	Suppor [Yes] or [I	
1	Can be put in general discoverable mode	3.1	C.1	•	0
2	Can perform general device inquiry	3.1	C.1	•	0
3	Can be put in limited discoverable mode	3.1	C.1	•	0
4	Can perform limited device inquiry	3.1	C.1	•	0
5	Can be put in security mode 3	7.1	0	•	0
6	Can be put in security mode 2	7.1	0	•	0

C.1: At least one item must be supported.

Table 35: OBEX Operations (Client)

Item	Capability	System Spec	Status	Sun	Support	
Item	Capability	Reference	Otatus	[Yes] o		
1	Connect	5.1	М	•	0	
2	Disconnect	5.1	М	•	0	
3	Put	5.1	М	•	0	
4	Get	5.1	М	•	0	
5	Abort	5.1	М	•	0	
6	SetPath	5.1	Х	0	•	
7	Session	5.1	Х	0	•	
8	Action	5.1	Х	0	•	

Table 36: OBEX Operations (Server)

Item	Capability	System Spec Reference	Status	Sup [Yes] c	port or [No]
1	Connect	5.1	М	•	0
2	Disconnect	5.1	М	•	0
3	Put	5.1	М	•	0
4	Get	5.1	М	•	0
5	Abort	5.1	М	•	0
6	SetPath	5.1	Х	0	•
7	Session	5.1	Х	0	•
8	Action	5.1	Х	0	•

Table 37: OBEX Headers (Client)

	Table 37: OBEX Headers (Client)						
ltem	Capability	System Spec Reference	Status	Sup [Yes]	port or [No]		
1	Name	5.2	М	•	0		
2	Туре	5.2	М	•	0		
3	Length	5.2	М	•	0		
4	Body	5.2	М	•	0		
5	End of Body	5.2	М	•	0		
6	Target	5.2	М	•	0		
7	Who	5.2	M(*1)	•	0		
8	Connection ID	5.2	М	•	0		
9	Img-Description(*2)	5.2	М	•	0		
10	Img-Handle(*2)	5.2	М	•	0		
11	Authenticate Challenge	5.2	М	•	0		
12	Authenticate Response	5.2	М	•	0		
13	Application Response	5.2	М	•	0		
14	SRM 🕧	5.2	C1	•	0		
15	Receive SRMP	5.2	C2	•	0		
16	Send SRMP	5.2	C1	•	0		

Item	Capability	System Spec Reference	Status	Support [Yes] or [No	
1	Name	5.2	М	•	0
2	Name	5.2	М	•	0
3	Length	5.2	М	•	0
4	Body	5.2	М	•	0

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¹ Ability to parse only (ability to send is not required)
*2 User-defined header
C1: Optional if 0/2 supported else excluded
C2: Mandatory if 0/2 supported and 37/14 supported else excluded

5	End of Body	5.2	М	•	0
6	Target	5.2	M(*3)	•	0
7	Who	5.2	М	•	0
8	Connection ID	5.2	М	•	0
9	Img-Description**	5.2(*4)	М	•	0
10	Img-Handle**	5.2(*4)	М	•	0
11	Authenticate Challenge	5.2	М	•	0
12	Authenticate Response	5.2	М	•	0
13	Application Parameters	5.2	М	•	0
14	SRM ①	5.2	C1	•	0
15	Receive SRMP	5.2	C2	•	0
16	Send SRMP	5.2	C1	•	0

Table 39: GOEP v2 features

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	GOEP v2	GOEP v2	C.1	• •
2	GOEP v2 Backwards Compatibility	GOEP v2 5.2	C.1	O
3	OBEX over L2CAP	IrDA Interoperability	C.1	• •

C.1: Mandatory if 0/2 supported

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TOOLS: [Consistency Check]

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TOOLS: [Consistency Check]

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^{*3} Ability to parse only (ability to send is not required)
*4 User-defined header
C1: Optional if 0/2 supported else excluded
C2: Mandatory if 0/2 supported and 38/14 supported else excluded