Common Audio Profile (CAP)

Bluetooth® Implementation Conformance Statement (ICS) Proforma

- **Revision:** CAP.ICS.p5
- **Revision Date:** 2025-07-08
- **Prepared By:** Generic Audio Working Group
- **Published during TCRL:** TCRL.pkg100

Contents

1   General principles

1.1   Implementation Under Test (IUT) identification

Using the Bluetooth SIG qualification tool, the implementer is expected to declare details about what will be implemented.

1.2   Enforcement of inter-layer dependencies

This ICS includes one or more tables with inter-layer dependencies (ILDs). ILDs are used for specification requirements that are dependent on other supporting specifications. ILDs can refer to an individual ICS item in a separate layer (individual ILD), or it can refer to the full layer (full-layer ILD).

ILDs residing in an X2Core layer will be enforced from the Bluetooth SIG qualification tool in the following conditions, depending on where the referred ILD is residing:

Referred ILD resides in	Individual ILD	Full-layer ILD
Controller layer	Core-Complete configuration, or Referred layer is supported	N/A
Lower HCI layer	HCI is supported	N/A
Upper HCI layer	Core-Host configuration, or UHCI is supported	N/A
Host layer	Core-Host configuration, or Core-Complete configuration, or Referred layer is supported	N/A
X2Core layer	Core-Host configuration, or Core-Complete configuration, or Referred layer is supported	Core-Host configuration, or Core-Complete configuration

Table 1.1: Enforcement of an ILD within the Bluetooth SIG qualification tool

2   ICS declarations

2.1   Roles

Table 1: Role Requirements

Item	Role	Reference	Status
1	Acceptor	[1] 3	C.1
2	Initiator	[1] 3	C.1
3	Commander	[1] 3	C.1

C.1:   Mandatory to support at least one.

2.2   Transports

Table 2: Transport Requirements

Item	Transport	Reference	Status
1	Profile supported over BR/EDR	[1] 2.5	C.1
2	Profile supported over LE	[1] 2.5	C.2, C.3

C.1:   Excluded for this Profile.

C.2:   Excluded for this Profile IF CORE 41/1 "BR/EDR Core Configuration".

C.3:   Mandatory for this Profile.

2.3   Device configurations

Table 3: Device Configuration Requirements

Item	Device Configuration	Reference	Status	Inter-Layer Dependency
1	LE Host	[1] 2.5	C.1	[2] GAP 0/2
2	BR/EDR/LE Host	[1] 2.5	C.1	[2] GAP 0/3

C.1:   Mandatory to support one and only one.

2.4   Acceptor role

Table 4: X.Y Versions

Prerequisite: CAP 1/1 "Acceptor"

Item	Version	Reference	Status
1	CAP v1.0	[1]	M

Table 5: X.Y.Z Versions

Prerequisite: CAP 1/1 "Acceptor"

Item	Version	Reference	Status
1	CAP v1.0.1	[18]	O

Table 6: CAP Role Dependency Support – Acceptor

Prerequisite: CAP 1/1 "Acceptor"

Item	Capability	Reference	Status	Inter-Layer Dependency
1	CSIP Set Member	[1] 3	O	[4] CSIP 1/1
2	BAP Scan Delegator	[1] 3	C.2	[3] BAP 1/5
3	BAP Broadcast Sink	[1] 3	C.1	[3] BAP 1/4
4	BAP Unicast Server	[1] 3	C.1	[3] BAP 1/1
5	VCP Volume Renderer	[1] 3	O	[8] VCP 1/1
6	MICP Microphone Device	[1] 3	O	[7] MICP 1/1
7	CCP Call Control Client	[1] 3	O	[6] CCP 1/2
8	MCP Media Control Client	[1] 3	O	[5] MCP 1/2

C.1:   Mandatory to support at least one.

C.2:   Mandatory IF CAP 6/3 "BAP Broadcast Sink", otherwise not defined.

Table 6a: Feature Support – Acceptor

Prerequisite: CAP 1/1 "Acceptor"

Item	Feature	Reference	Status
1	CAP Targeted Announcement Support	[1] 8.1.1, 8.1.2, 8.1.3	C.1
2	CAP General Announcement Support	[1] 8.1.1, 8.1.2, 8.1.3	C.1

C.1:   Mandatory to support at least one IF CAP 6/2 "BAP Scan Delegator" OR CAP 6/5 "VCP Volume Renderer" OR CAP 6/6 "MICP Microphone Device" OR CAP 6/7 "CCP Call Control Client" OR CAP 6/8 "MCP Media Control Client", otherwise Excluded.

Table 6b: Unicast Server BAP Audio Role – Acceptor

Prerequisite: CAP 6/4 "BAP Unicast Server"

Item	Role	Reference	Status	Inter-Layer Dependency
1	Audio Source	[1] 3	C.1	[3] BAP 8/2
2	Audio Sink	[1] 3	C.1	[3] BAP 8/1

C.1:   Mandatory to support at least one.

Table 7: Service Requirements – Acceptor

Prerequisite: CAP 1/1 "Acceptor"

Item	Service	Reference	Status	Inter-Layer Dependency
1	Service supported over LE (CAS)	[1] 3, 7.3	M	[16] CAS 2/2
2	Service supported over LE (VCS)	[1] 4, 7.3	C.1	[11] VCS 1/2
3	Service supported over LE (VOCS)	[1] 4.1.3, 7.3	C.2	[17] VOCS 1/2
4	Service supported over LE (MICS)	[1] 4, 7.3	C.3	[12] MICS 1/2

Item	Service	Reference	Status	Inter-Layer Dependency
5	Service supported over LE (AICS)	[1] 4, 7.3	C.4	[15] AICS 1/2
6	Service supported over LE (CSIS)	[1] 4.1.1, 7.3	C.5	[10] CSIS 1/2
7	Service supported over LE (ASCS)	[1] 4, 7.3	C.6	[14] ASCS 2/2
8	Service supported over LE (BASS)	[1] 4, 7.3	C.7	[9] BASS 2/2
9	Service supported over LE (PACS)	[1] 4, 7.3	C.8	[13] PACS 2/2

C.1:   Mandatory IF CAP 6/5 "VCP Volume Renderer", otherwise not defined.

C.2:   Optional IF CAP 6/5 "VCP Volume Renderer", otherwise not defined.

C.3:   Mandatory IF CAP 6/6 "MICP Microphone Device", otherwise not defined.

C.4:   Optional IF CAP 6/6 "MICP Microphone Device", otherwise not defined.

C.5:   Mandatory IF CAP 6/1 "CSIP Set Member", otherwise not defined.

C.6:   Mandatory IF CAP 6/4 "BAP Unicast Server", otherwise not defined.

C.7:   Mandatory IF CAP 6/2 "BAP Scan Delegator", otherwise not defined.

C.8:   Mandatory IF CAP 6/4 "BAP Unicast Server" OR CAP 6/3 "BAP Broadcast Sink", otherwise not defined.

Table 8: Audio Stream Transition Procedure Support – Acceptor

Prerequisite: CAP 1/1 "Acceptor"

Item	Procedure	Reference	Status
1	Unicast Audio Start procedure	[1] 7.3.1.2	C.1
2	Unicast Audio Update procedure	[1] 7.3.1.3	C.1
3	Unicast Audio Stop procedure	[1] 7.3.1.4	C.1
4	Find Content Control Service procedure	[1] 7.3.3.2	O

C.1:   Mandatory IF CAP 6/4 "BAP Unicast Server", otherwise Excluded.

2.4.1   CSIS requirements

Table 9: Coordinated Set Features – Acceptor

Prerequisite: CAP 6/1 "CSIP Set Member"

Item	Feature	Reference	Status	Inter-Layer Dependency
1	Included CSIS Instance	[1] 4.4.1	M	[16] CAS 3/1

Table 10: CSIS Requirements – Acceptor

Prerequisite: CAP 6/1 "CSIP Set Member"

Item	Characteristic	Reference	Status	Inter-Layer Dependency
1	Set Member Rank Characteristic	[1] 4.4.1	M	[10] CSIS 2/4
2	Coordinated Set Size Characteristic	[1] 4.4.1	M	[10] CSIS 2/2

2.4.2   Context Type requirements

Table 11: Supported Context Types – Acceptor

Prerequisite: CAP 1/1 "Acceptor"

Item	Context Type	Reference	Status
1	Unspecified	[1] 7.1	M
2	Conversational	[1] 7.1	O
3	Media	[1] 7.1	O
4	Game	[1] 7.1	O
5	Instructional	[1] 7.1	O
6	Voice assistants	[1] 7.1	O
7	Live	[1] 7.1	O
8	Sound effects	[1] 7.1	O
9	Notifications	[1] 7.1	O
10	Ringtone	[1] 7.1	O
11	Alerts	[1] 7.1	O
12	Emergency Alarm	[1] 7.1	O

2.4.3   CCP requirements

Table 12: CCP Requirements – Acceptor

Prerequisite: CAP 6/7 "CCP Call Control Client"

Item	Characteristic	Reference	Status
1	Read Status Flags procedure	[1] 4.4.3	M

2.4.4   GAP requirements

Table 13: GAP Requirements – Acceptor

Prerequisite: CAP 1/1 "Acceptor"

Item	Capability	Reference	Status	Inter-Layer Dependency
1	Observer	[1] 2.4	C.1	[2] GAP 5/2 OR GAP 38/2
2	Peripheral	[1] 2.4	C.2	[2] GAP 5/3 OR GAP 38/3

C.1:   Mandatory IF CAP 6/3 "BAP Broadcast Sink", otherwise not defined.

C.2:   Mandatory IF CAP 6/4 "BAP Unicast Server" OR CAP 6/3 "BAP Broadcast Sink" OR CAP 6/2 "BAP Scan Delegator" OR CAP 6/5 "VCP Volume Renderer" OR CAP 6/6 "MICP Microphone Device" OR CAP 6/7 "CCP Call Control Client" OR CAP 6/8 "MCP Media Control Client", otherwise not defined.

2.5 Initiator role

Table 14: X.Y Versions

Prerequisite: CAP 1/2 "Initiator"

Item	Version	Reference	Status
1	CAP v1.0	[1]	M

Table 15: X.Y.Z Versions

Prerequisite: CAP 1/2 "Initiator"

Item	Version	Reference	Status
1	CAP v1.0.1	[18]	O

Table 16: CAP Role Dependency Support – Initiator

Prerequisite: CAP 1/2 "Initiator"

Item	Capability	Reference	Status	Inter-Layer Dependency
1	CSIP Set Coordinator	[1] 3	C.1	[4] CSIP 1/2
2	BAP Broadcast Source	[1] 3	C.2	[3] BAP 1/3
3	BAP Unicast Client	[1] 3	C.2	[3] BAP 1/2
4	BAP Broadcast Assistant	[1] 3	O	[3] BAP 1/6
5	CCP Call Control Server	[1] 3	O	[6] CCP 1/1
6	MCP Media Control Server	[1] 3	O	[5] MCP 1/1

C.1:   Mandatory IF CAP 16/3 "BAP Unicast Client" OR CAP 16/4 "BAP Broadcast Assistant", otherwise not defined.

C.2:   Mandatory to support at least one.

Table 17: Feature Support – Initiator

Prerequisite: CAP 1/2 "Initiator"

Item	Feature	Reference	Status
1	Multiple ASCS Server Support	[1] 7	M
2	Multiple Broadcast Source Stream Support	[1] 7	C.1
3	Unicast to Broadcast Handover Support	[1] 5	C.2
4	Broadcast to Unicast Handover Support	[1] 5	C.3
5	Encrypted Broadcast Source	[1] 3	C.1

C.1:   Optional IF CAP 16/2 "BAP Broadcast Source", otherwise Excluded.

C.2:   Optional IF CAP 1/3 "Commander" AND CAP 16/3 "BAP Unicast Client" AND CAP 16/2 "BAP Broadcast Source" AND CAP 16/4 "BAP Broadcast Assistant", otherwise Excluded.

C.3:   Optional IF CAP 1/3 "Commander" AND CAP 16/3 "BAP Unicast Client" AND CAP 16/2 "BAP Broadcast Source", otherwise Excluded.

Table 18: Unicast Client BAP Audio Role – Initiator

Prerequisite: CAP 16/3 "BAP Unicast Client"

Item	Role	Reference	Status	Inter-Layer Dependency
1	Audio Source	[1] 3	C.1	[3] BAP 29/2
2	Audio Sink	[1] 3	C.1	[3] BAP 29/1

C.1:   Mandatory to support at least one.

Table 19: Service Requirements – Initiator

Prerequisite: CAP 1/2 "Initiator"

Item	Service	Reference	Status	Inter-Layer Dependency
1	Telephone Bearer Service	[1] 3, 7.3	C.1	[6] CCP 5/1
2	Generic Telephone Bearer Service	[1] 3, 7.3	C.3	[6] CCP 5/2
3	Media Control Service	[1] 3, 7.3	C.2	[5] MCP 5/1
4	Generic Media Control Service	[1] 3, 7.3	C.4	[5] MCP 5/2

C.1:   Optional IF CAP 16/5 "CCP Call Control Server", otherwise not defined.
C.2:   Optional IF CAP 16/6 "MCP Media Control Server", otherwise not defined.
C.3:   Mandatory IF CAP 16/5 "CCP Call Control Server", otherwise not defined.
C.4:   Mandatory IF CAP 16/6 "MCP Media Control Server", otherwise not defined.

Table 20: Audio Stream Transition Procedure Support – Initiator

Prerequisite: CAP 1/2 "Initiator"

Item	Procedure	Reference	Status
1	Unicast Audio Start procedure	[1] 5	C.1
2	Unicast Audio Update procedure	[1] 5	C.2
3	Unicast Audio Stop procedure	[1] 5	C.1
4	Broadcast Audio Start procedure	[1] 5	C.3
5	Broadcast Audio Update procedure	[1] 5	C.4
6	Broadcast Audio Stop procedure	[1] 5	C.3
7	Unicast to Broadcast Handover procedure	[1] 5	C.5
8	Broadcast to Unicast Handover procedure	[1] 5	C.6
9	No longer used	N/A	N/A

C.1:   Mandatory IF CAP 16/3 "BAP Unicast Client", otherwise Excluded.
C.2:   Optional IF CAP 16/3 "BAP Unicast Client", otherwise Excluded.
C.3:   Mandatory IF CAP 16/2 "BAP Broadcast Source", otherwise Excluded.
C.4:   Optional IF CAP 16/2 "BAP Broadcast Source", otherwise Excluded.
C.5:   Mandatory IF CAP 1/3 "Commander" AND CAP 17/3 "Unicast to Broadcast Handover Support", otherwise Excluded.
C.6:   Mandatory IF CAP 1/3 "Commander" AND CAP 17/4 "Broadcast to Unicast Handover Support", otherwise Excluded.

2.5.1   BAP requirements

Table 21: BAP Procedures Requirements – Initiator

Prerequisite: CAP 1/2 "Initiator"

Item	Procedure	Reference	Status
1	BAP Available Audio Contexts discovery procedure	[1] 5.4	C.1
2	BAP Broadcast Audio Stream Metadata update	[1] 5.4	C.2
3	BAP Adding broadcast sources procedure	[1] 5.4	C.3

C.1:   Mandatory IF CAP 16/3 "BAP Unicast Client", otherwise Excluded.

C.2:   Optional IF CAP 16/2 "BAP Broadcast Source", otherwise Excluded.

C.3:   Mandatory IF CAP 16/4 "BAP Broadcast Assistant", otherwise Excluded.

2.5.2   Context Type requirements

Table 22: Supported Context Types – Initiator

Prerequisite: CAP 1/2 "Initiator"

Item	Context Type	Reference	Status
1	Unspecified	[1] 7.1	M
2	Conversational	[1] 7.1	O
3	Media	[1] 7.1	O
4	Game	[1] 7.1	O
5	Instructional	[1] 7.1	O
6	Voice assistants	[1] 7.1	O
7	Live	[1] 7.1	O
8	Sound effects	[1] 7.1	O
9	Notifications	[1] 7.1	O
10	Ringtone	[1] 7.1	O
11	Alerts	[1] 7.1	O
12	Emergency Alarm	[1] 7.1	O

2.5.3   GAP requirements

Table 23: GAP Requirements – Initiator

Prerequisite: CAP 1/2 "Initiator"

Item	Capability	Reference	Status	Inter-Layer Dependency
1	Broadcaster	[1] 2.4	C.1	[2] GAP 5/1 OR GAP 38/1
2	Central	[1] 2.4	C.2	[2] GAP 5/4 OR GAP 38/4

C.1:   Mandatory IF CAP 16/2 "BAP Broadcast Source", otherwise not defined.

C.2:   Mandatory IF CAP 16/3 "BAP Unicast Client" OR CAP 16/4 "BAP Broadcast Assistant" OR CAP 16/5 "CCP Call Control Server" OR CAP 16/6 "MCP Media Control Server" OR CAP 16/1 "CSIP Set Coordinator", otherwise not defined.

2.5.4   GATT requirements

Table 23a: GATT Requirements

Prerequisite: CAP 16/3 "BAP Unicast Client"

Item	Capability	Reference	Status	Inter-Layer Dependency
1	GATT Client over LE	[1] 5.2	M	[5] GATT 1a/1
2	Discover All Primary Services	[1] 5.2	C.1	[5] GATT 3/2
3	Discover Primary Services by Service UUID	[1] 5.2	C.1	[5] GATT 3/3
4	Find Included Services	[1] 5.2	M	[5] GATT 3/4

C.1:   Mandatory to support at least one.

2.6   Commander role

Table 24: X.Y Versions

Prerequisite: CAP 1/3 "Commander"

Item	Version	Reference	Status
1	CAP v1.0	[1]	M

Table 25: X.Y.Z Versions

Prerequisite: CAP 1/3 "Commander"

Item	Version	Reference	Status
1	CAP v1.0.1	[18]	O

Table 26: CAP Role Dependency Support – Commander

Prerequisite: CAP 1/3 "Commander"

Item	Capability	Reference	Status	Inter-Layer Dependency
1	CSIP Set Coordinator	[1] 3	M	[4] CSIP 1/2
2	BAP Broadcast Assistant	[1] 3	C.1, C.2	[3] BAP 1/6
3	BAP Scan Delegator	[1] 3	C.1	[3] BAP 1/5
4	VCP Volume Controller	[1] 3	C.1	[8] VCP 1/2
5	MICP Microphone Controller	[1] 3	C.1	[7] MICP 1/2
6	CCP Call Control Client	[1] 3	O	[6] CCP 1/2
7	MCP Media Control Client	[1] 3	O	[5] MCP 1/2

C.1:   Mandatory to support at least one.

C.2:   Mandatory IF CAP 26/3 "BAP Scan Delegator", otherwise Optional.

Table 27: Feature Support – Commander

Prerequisite: CAP 1/3 "Commander"

Item	Feature	Reference	Status
1	Multiple Broadcast Stream Support	[1] 7	O
2	Unicast to Broadcast Handover Support	[1] 6	C.1
3	Broadcast to Unicast Handover Support	[1] 6	C.2
4	CAP Targeted Announcement Support	[1] 8.1.1, 8.1.2, 8.1.3	C.3
5	CAP General Announcement Support	[1] 8.1.1, 8.1.2, 8.1.3	C.3

C.1:   Optional IF CAP 1/2 "Initiator" AND CAP 26/2 "BAP Broadcast Assistant", otherwise Excluded.

C.2:   Optional IF CAP 1/2 "Initiator", otherwise Excluded.

C.3:   Mandatory to support at least one IF CAP 26/3 "BAP Scan Delegator" OR CAP 26/6 "CCP Call Control Client" OR CAP 26/7 "MCP Media Control Client", otherwise Excluded.

Table 28: Procedures – Commander

Prerequisite: CAP 1/3 "Commander"

Item	Procedure	Reference	Status
Audio Stream Transition			
1	Broadcast Audio Reception Start procedure	[1] 7.3.1.8	C.1
2	Broadcast Audio Reception Stop procedure	[1] 7.3.1.9	C.1
3	Unicast to Broadcast Handover procedure	[1] 7.3.1.10	C.2
4	Broadcast to Unicast Handover procedure	[1] 7.3.1.11	C.3
5	Distribute Broadcast Code procedure	[1] 7.3.1.12	C.4
Capture and Rendering Control			
6	Change Volume procedure	[1] 7.3.2.2	C.5
7	Change Volume Offset procedure	[1] 7.3.2.3	C.6
8	Change Volume Mute State procedure	[1] 7.3.2.4	C.5

Item	Procedure	Reference	Status
9	Microphone Mute State procedure	[1] 7.3.2.5	C.7
10	Change Microphone Gain Setting procedure	[1] 7.3.2.6	C.8
Content Control			
11	Find Content Control Service procedure	[1] 7.3.3.2	O

C.1: Mandatory IF CAP 26/2 "BAP Broadcast Assistant", otherwise Excluded.

C.2: Mandatory IF CAP 27/2 "Unicast to Broadcast Handover Support", otherwise Excluded.

C.3: Mandatory IF CAP 27/3 "Broadcast to Unicast Handover Support", otherwise Excluded.

C.4: Optional IF CAP 26/2 "BAP Broadcast Assistant", otherwise Excluded.

C.5: Mandatory IF CAP 26/4 "VCP Volume Controller", otherwise Excluded.

C.6: Optional IF CAP 26/4 "VCP Volume Controller", otherwise Excluded.

C.7: Mandatory IF CAP 26/5 "MICP Microphone Controller", otherwise Excluded.

C.8: Optional IF CAP 28/9 "Microphone Mute State procedure", otherwise Excluded.

Table 29: Service Requirements – Commander

Prerequisite: CAP 1/3 "Commander"

Item	Service	Reference	Status	Inter-Layer Dependency
1	Service supported over LE (CAS)	[1] 6	C.1	[16] CAS 2/2

C.1: Mandatory IF CAP 27/5 "CAP General Announcement Support" OR CAP 27/4 "CAP Targeted Announcement Support", otherwise not defined.

2.6.1 BAP procedures

Table 30: BAP Procedures Requirements – Commander

Prerequisite: CAP 26/2 "BAP Broadcast Assistant"

Item	Procedure	Reference	Status	Inter-Layer Dependency
1	Broadcast Audio capability discovery procedure	[1] 6.4	M	N/A
2	Add Source operation	[1] 6.4	M	[3] BAP 88/3
3	Modify Source operation	[1] 6.4	O	[3] BAP 88/4
4	Remove Source operation	[1] 6.4	M	[3] BAP 88/7

2.6.2 VCP procedures

Table 31: VCP Volume Controller Procedures Requirements – Commander

Prerequisite: CAP 26/4 "VCP Volume Controller"

Item	Procedure	Reference	Status	Inter-Layer Dependency
1	Set Absolute Volume	[1] 6.4	M	[8] VCP 12/6
2	Set Volume Offset	[1] 6.4	O	[8] VCP 14/6
3	Mute	[1] 6.4	M	[8] VCP 12/11

Item	Procedure	Reference	Status	Inter-Layer Dependency
4	Unmute	[1] 6.4	M	[8] VCP 12/12

2.6.3   MICP procedures

Table 32: MICP Procedures Requirements – Commander

Prerequisite: CAP 26/5 "MICP Microphone Controller"

Item	Procedure	Reference	Status	Inter-Layer Dependency
1	Set Mute	[1] 6.4	M	[7] MICP 12/3
2	Set Gain Setting	[1] 6.4	C.1	[7] MICP 14/7

C.1:   Mandatory IF CAP 28/10 "Change Microphone Gain Setting procedure", otherwise not defined.

2.6.4   GAP requirements

Table 33: GAP Requirements – Commander

Prerequisite: CAP 1/3 "Commander"

Item	Capability	Reference	Status	Inter-Layer Dependency
1	Central	[1] 2.4	C.1	[2] GAP 5/4 OR GAP 38/4
2	Peripheral	[1] 2.4	C.2	[2] GAP 5/3 OR GAP 38/3

C.1:   Mandatory IF CAP 26/2 "BAP Broadcast Assistant" OR CAP 26/4 "VCP Volume Controller" OR CAP 26/5 "MICP Microphone Controller" OR CAP 26/1 "CSIP Set Coordinator", otherwise not defined.

C.2:   Mandatory IF CAP 26/3 "BAP Scan Delegator" OR CAP 26/6 "CCP Call Control Client" OR CAP 26/7 "MCP Media Control Client", otherwise not defined.

2.6.5   GATT requirements

Table 33a: GATT Requirements

Prerequisite: CAP 1/3 "Commander"

Item	Capability	Reference	Status	Inter-Layer Dependency
1	GATT Client over LE	[1] 6.2	M	[5] GATT 1a/1
2	Discover All Primary Services	[1] 6.2	C.1	[5] GATT 3/2
3	Discover Primary Services by Service UUID	[1] 6.2	C.1	[5] GATT 3/3
4	Find Included Services	[1] 6.2	M	[5] GATT 3/4

C.1:   Mandatory to support at least one.

3 References

[1] Common Audio Profile Specification, Version 1.0 or later

[2] ICS Proforma for Generic Access Profile (GAP)

[3] ICS Proforma for Basic Audio Profile (BAP)

[4] ICS Proforma for Coordinated Set Identification Profile (CSIP)

[5] ICS Proforma for Media Control Profile (MCP)

[6] ICS Proforma for Call Control Profile (CCP)

[7] ICS Proforma for Microphone Control Profile (MICP)

[8] ICS Proforma for Volume Control Profile (VCP)

[9] ICS Proforma for Broadcast Audio Scan Service (BASS)

[10] ICS Proforma for Coordinated Set Identification Service (CSIS)

[11] ICS Proforma for Volume Control Service (VCS)

[12] ICS Proforma for Microphone Control Service (MICS)

[13] ICS Proforma for Published Audio Capabilities Service (PACS)

[14] ICS Proforma for Audio Stream Control Service (ASCS)

[15] ICS Proforma for Audio Input Control Service (AICS)

[16] ICS Proforma for Common Audio Service (CAS)

[17] ICS Proforma for Volume Offset Control Service (VOCS)

[18] Common Audio Profile Specification, Version 1.0.1

4   Revision history and acknowledgments

Revision History

Publication Number	Revision Number	Date	Comments
	p0r00–r05	2021-12-07 – 2022-02-23	Draft 1.0 E17478, E17826, E17998, E18201, E18273 Addressed BTI comments.
0	p0	2022-03-29	Approved by BTI on 2022-03-09. CAP v1.0 adopted by the BoD on 2022-03-22. Prepared for publication.
	p1r00	2022-04-05	TSE 18639 (rating 2): Updated C.2 for Table 26 to address a consistency check failure on selecting only BAP Broadcast Assistant role in CAP Commander.
1	p1	2022-06-28	Approved by BTI on 2022-06-20. EE 18898 adopted by the BoD on 2022-06-21. Prepared for TCRL 2022-1 publication.
	p2r00–r01	2022-08-25 – 2022-11-23	TSE 18838 (rating 3): Added new table for "Feature Support – Acceptor" (Table 6a). Updated 27/4 and 27/5 and modified 27/C.3. Consistency checker editorials.
2	p2	2023-02-07	Approved by BTI on 2022-12-19. Prepared for TCRL 2022-2 publication.
	p3r00–r02	2023-10-04 – 2023-11-28	TSE 24104 (rating 1): Removed the Reference items for the GTBS and GMCS ICSs. Replaced GTBS reference with TBS reference and GMCS reference with MCS reference in Table 19, updating the ILDs for 19/2 and 19/4 as well as C.1 and C.2.
3	p3	2024-07-01	Approved by BTI on 2024-04-21. Prepared for TCRL 2024-1 publication.
	p4r00–r05	2024-10-24 – 2024-12-18	TSE 18802 (rating 2): For Table 19, updated Reference, Status, and Inter-Layer Dependency values and conditionals C.1 and C.2, and added conditionals C.3 and C.4. TSE 24857 (rating 1): Per E18922, deleted Item 9 from Table 20. Deleted conditional C.7 from Table 20. TSE 26908 (rating 1): Per E18922, E19214, E23221, E23780, E24511, E24713, E25020, E25591, E26552, and E26553, added Tables 5, 15, and 25 to account for CAP v1.0.1 as part of the .Z release. Updated the references list. Abbreviated the specification name in Tables 14 and 24 to align with the current ICS template.
4	p4	2025-02-18	Approved by BTI on 2025-02-09. CAP v1.0.1 adopted by the BoD on 2024-02-11. Prepared for TCRL 2025-1 publication.
	p4ed2r00	2025-02-12	TSE 27090 (rating 1): Added back 20/9 marked as no longer used.
	p4 edition 2	2025-03-14	Approved by BTI on 2025-03-11. Prepared for edition 2 publication.

Publication Number	Revision Number	Date	Comments
	p5r00–r03	2025-04-08 – 2025-05-18	TSE 26834 (rating 2): Added GATT requirements sections including new Tables 23a and 33a. TSE 26982 (rating 2): Added Table 6b, Unicast Server BAP Audio Role – Acceptor. TSE 27349 (rating 1): Updated the Status value for CAP 2/2. Added conditionals C.2 and C.3 to Table 2.
5	p5	2025-07-08	Approved by BTI on 2025-05-30. Prepared for TCRL pkg100 publication.