Basic Lightness Controller NLC Profile (BLCNLCP)

***Bluetooth*® Implementation Conformance Statement (ICS) Proforma**

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Contents

1 Identification of the implementation 4
1.1 Implementation Under Test (IUT) identification 4
1.2 Versions 5
1.3 Transports 5
1.4 Features 5
1.5 Mesh Model requirements 5
1.6 Mesh Protocol requirements 6
2 References 7
3 Revision history and acknowledgments 8

1 Identification of the implementation

1.1 Implementation Under Test (IUT) identification

Identification of the Implementation Under Test (IUT) is to be filled in to provide as much detail as possible regarding version numbers and configuration options.

An ICS contact person to respond to queries regarding information supplied in this ICS proforma is named in the Declaration of Compliance: Summary of Selected Specifications in Implementation.

1.2 Versions

Table 0: X.Y Versions

Item	Version	Reference	Status
1	Basic Lightness Controller NLC Profile v1.0	[1]	M

Table 1: X.Y.Z Versions

Table number reserved but not yet in use.

1.3 Transports

Table 2: Transport Requirements

Item	Transport	Reference	Status
1	Profile supported over BR/EDR	[1] 2.6	C.1
2	Profile supported over LE	[1] 2.6	M

C.1: Excluded for this Profile.

1.4 Features

Table 3: Features

Table number reserved but not yet in use.

1.5 Mesh Model requirements

Table 4: Mesh Model Features

Item	Model	Reference	Status	Inter-Layer Dependency
1	Mesh Model Specification v1.1 or later	[1] 2.5	M	[3] MMDL 0d/1
2	Generic OnOff Server	[1] 3.5	M	[3] MMDL 2/1
3	Generic Level Server	[1] 3.5	M	[3] MMDL 2/2
4	Generic Power OnOff Server	[1] 3.5	M	[3] MMDL 2/4
5	Light Lightness Server	[1] 3.5	M	[3] MMDL 19/1
6	Light LC Server	[1] 3.5	M	[3] MMDL 20/1
7	Light LC Setup Server	[1] 3.5	M	[3] MMDL 20/2
8	Scene Server	[1] 3.5	M	[3] MMDL 14/3

1.6 Mesh Protocol requirements

Table 5: Mesh Protocol Features

Item	Feature	Reference	Status	Inter-Layer Dependency
1	Node	[1] 3	M	[2] MESH 2/1
2	Advertising Bearer	[1] 3.2	M	[2] MESH 3/1
3	Relay Feature	[1] 3.3	M	[2] MESH 5/2
4	GATT Bearer	[1] 3.2	M	[2] MESH 3/2
5	PB-GATT Server	[1] 3.1	M	[2] MESH 4/2
6	Proxy Server	[1] 3.3	M	[2] MESH 12/1
7	Generic Attribute Profile (GATT) Server	[1] 3.2	M	[2] MESH 12/2
8	Mesh Provisioning Service	[1] 3.1	M	[2] MESH 13/1
9	Mesh Proxy Service	[1] 3.2	M	[2] MESH 13/2
10	Composition Data Page 2	[1] 2.1	M	[2] MESH 11/24

2 References

[1] Basic Lightness Controller NLC Profile Specification, Version 1.0

[2] ICS Proforma for Mesh Protocol Specification (MESH)

[3] ICS Proforma for Mesh Model Specification (MMDL)

3 Revision history and acknowledgments

Revision History

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0	p0	2023-09-19	Approved by BTI on 2023-08-27. BLCNLCP v1.0 adopted by the BoD on 2023-09-12. Prepared for initial publication.

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