

IEEE Standard for Information technology—
Telecommunications and information exchange between systems
Local and metropolitan area networks—
Specific requirements

Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications

Amendment 5: Preassociation Discovery

IEEE Computer Society

Sponsored by the
LAN/MAN Standards Committee

IEEE
3 Park Avenue
New York, NY 10016-5997
USA

IEEE Std 802.11aq™-2018
(Amendment to IEEE Std 802.11™-2016
as amended by IEEE Std 802.11ai™-2016,
IEEE Std 802.11ah™-2016,
IEEE Std 802.11aj™-2018,
and IEEE Std 802.11ak™-2018)

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Approved 14 June 2018

IEEE-SA Standards Board

Abstract: Modifications to IEEE Std 802.11™-2016, above the physical layer (PHY), to enable delivery of preassociation service discovery information to IEEE 802.11 stations (STAs) are defined in this amendment.

Keywords: amendment, bloom filter, hash function, IEEE 802.11™, IEEE 802.11aq™, preassociation, service discovery

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Introduction

This introduction is not part of IEEE Std 802.11aq-2018, IEEE Standard for Information technology—Telecommunications and information exchange between systems—Local and metropolitan area networks—Specific requirements—Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications—Amendment 5: Preassociation Discovery.

This amendment defines one medium access control (MAC) and several physical layer (PHY) specifications for wireless connectivity for fixed, portable, and moving stations (STAs) within a local area. It defines modifications to IEEE Std 802.11-2016, above the physical layer (PHY), to enable delivery of preassociation service discovery information to IEEE 802.11 stations (STAs).

Contents

1.	Overview.....	15
1.3	Supplementary information on purpose.....	15
2.	Normative references.....	16
3.	Definitions, acronyms, and abbreviations.....	16
3.1	Definitions	16
3.2	Definitions specific to IEEE Std 802.11	16
3.4	Abbreviations and acronyms	16
4.	General description	17
4.5	Overview of the services.....	17
4.5.4	Access control and data confidentiality services	17
4.5.4.10	MAC privacy enhancements.....	17
4.5.9	Interworking with external networks.....	17
4.5.9.1	General.....	17
4.5.9.2	Preassociation discovery (PAD).....	18
6.	Layer management.....	20
6.3	MLME SAP interface	20
6.3.3	Scan.....	20
6.3.3.3	MLME-SCAN.confirm	20
6.3.11	Start.....	20
6.3.11.2	MLME-START.request	20
6.3.73	Network discovery and selection support	22
6.3.73.2	MLME-GAS.request.....	22
6.3.73.3	MLME-GAS.confirm	23
6.3.73.4	MLME-GAS.indication	25
6.3.73.5	MLME-GAS.response	26
6.3.119	Update.....	28
6.3.119.1	Introduction.....	28
6.3.119.2	MLME-UPDATE.request.....	28
6.3.119.3	MLME_UPDATE.confirm	29
9.	Frame formats	31
9.3	Format of individual frame types.....	31
9.3.3	Management frames.....	31
9.3.3.3	Beacon frame format	31
9.3.3.11	Probe Response frame format.....	31
9.3.4.2	DMG Beacon	31
9.4	Management and Extension frame body components	32
9.4.1	Fields that are not elements	32
9.4.1.9	Status Code field.....	32
9.4.2	Elements.....	32
9.4.2.1	General.....	32
9.4.2.27	Extended Capabilities element.....	32
9.4.2.177	CAG Number element	33

9.4.2.233	Service Hint element.....	34
9.4.2.234	Service Hash element.....	35
9.4.2.235	GAS Extension element	36
9.4.5	Access Network Query Protocol (ANQP) elements.....	37
9.4.5.1	General.....	37
9.4.5.27	CAG ANQP-element	37
9.4.5.28	Service Information Request ANQP-element.....	38
9.4.5.29	Service Information Response ANQP-element	39
9.6.8	Public Action details.....	39
9.6.8.1	Public Action frames	39
9.6.8.12	GAS Initial Request frame format	40
9.6.8.13	GAS Initial Response frame format.....	40
9.6.8.14	GAS Comeback Request frame format	41
9.6.8.45	Group Addressed GAS Request frame format	41
9.6.8.46	Group Addressed GAS Response frame format	42
9.6.22.2	Announce frame format	43
10	MAC sublayer functional description.....	44
10.3	DCF.....	44
10.3.2	Procedures common to DCF and EDCAF	44
10.3.2.11	Duplicate detection and recovery	44
11	MLME	44
11.25	WLAN interworking with external networks procedures.....	44
11.25.3	Interworking procedures: generic advertisement service (GAS).....	44
11.25.3.1	Introduction.....	44
11.25.3.2	GAS Protocol.....	45
11.25.3.3	ANQP procedures	53
11.25a	Preassociation discovery (PAD) procedures	54
11.25a.1	General.....	54
11.25a.2	Unsolicited PAD procedure	54
11.25a.3	Solicited PAD procedure	55
11.25a.4	Service hash procedures	56
11.25a.5	Bloom filter hash function operation	56
12.	Security	57
12.2	Framework.....	57
12.2.10	Requirements for support of MAC privacy enhancements	57
17.	Orthogonal frequency division multiplexing (OFDM) PHY specification	58
17.3	OFDM PHY.....	58
17.3.5	DATA field.....	58
17.3.5.5	PHY DATA scrambler and descrambler	58
Annex A (informative)	Bibliography	59
Annex B (normative)	Protocol Implementation Conformance Statement (PICS) proforma.....	60
B.2	Abbreviations and special symbols.....	60
B.2.2	General abbreviations for Item and Support columns	60

B.4	PICS proforma—IEEE Std 802.11-2016	60
B.4.3	IUT configuration	60
B.4.20	Interworking (IW) with external networks extensions	60
B.4.32	Preassociation discovery extensions	61
Annex C (normative)	ASN.1 encoding of the MAC and PHY MIB	62
C.3	MIB detail	62
Annex Y (informative)	Preassociation discovery (PAD) additional information	65
Y.1	Preassociation discovery usage models	65
Y.2	Background search.....	65
Y.3	Immediate search	66

Tables

Table 9-27—Beacon frame body.....	31
Table 9-34—Probe Response frame body.....	31
Table 9-41—DMG Beacon frame body.....	31
Table 9-46—Status codes.....	32
Table 9-77—Element IDs.....	32
Table 9-135—Extended Capabilities field.....	32
Table 9-262a1—CAG Information Type definitions.....	34
Table 9-262ah—False Positive Probability Range subfield values.....	35
Table 9-271—ANQP-element definitions.....	37
Table 9-307—Public Action field values.....	39
Table 9-313—GAS Initial Request Action field format.....	40
Table 9-314—GAS Initial Response Action field format.....	40
Table 9-315—GAS Comeback Request Action field format.....	41
Table 9-325n—Group Addressed GAS Request Action field format.....	41
Table 9-325o—Group Addressed GAS Response Action field format.....	42
Table 9-416—Announce frame Action field format.....	43
Table 11-15—ANQP usage.....	53

Figures

Figure 4-15a—Unsolicited PAD architecture.....	18
Figure 4-15b—Solicited PAD architecture	19
Figure 9-589b—CAG Number element format.....	33
Figure 9-589c—CAG Tuple field.....	33
Figure 9-589du—Service Hint element format	34
Figure 9-589dv—Bloom Filter Information field format.....	34
Figure 9-589dw—Service Hash element format	35
Figure 9-589dx—GAS Extension element format	36
Figure 9-589dy—GAS Flags field.....	36
Figure 9-589dz—Response Map Duple subfield format.....	37
Figure 9-628f—Service Information Request ANQP-element format.....	38
Figure 9-628g—Service Information Request Tuple subfield format.....	38
Figure 9-628e—CAG ANQP-element format.....	38
Figure 9-628h—Service Information Response ANQP-element format.....	39
Figure 9-628i—Service Information Response Tuple subfield format	39
Figure 11-40a—Group addressed GAS Query Request exchange sequence	45
Figure 11-40b—Group addressed GAS Query Response exchange sequence.....	46
Figure 11-40c—Group addressed GAS Query for a specific fragment exchange sequence	47
Figure 11-40d—GAS frame exchange sequence using CAG Version	48
Figure Y-1—Example of a frame exchange for background search with Service Hint matching	66
Figure Y-2—Example of frame exchange for background search with matching Service Hash element ...	66
Figure Y-3—Example of frame exchange for immediate search	67