IEEE P802.11
Wireless LANs

|  |
| --- |
| Clause 6 Comment Resolutions |
| Date: 2015-03-10 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Emily Qi | Intel Corporation |  |  | Emily.h.qi@intel.com |
| Robert Slater  | Motorola Mobility, LLC |  |  | Robert.Slater@motorola.com |

Abstract

This document provides proposed comment resolutions for follow comments:

CID #1060, #1167, #1168, #1240, #1556, #1622, #1623, and #1624

***TGaq Editor: Insert clause 6 in TGaq draft as suggested below:***

# Layer management

## MLME SAP Interface

### Scan

#### MLME-SCAN.request

##### Semantics of the service primitive

***Change the primitive parameter list as shown:***

MLME-SCAN.request(

BSSType,

BSSID,

SSID,

ScanType,

ProbeDelay,

ChannelList,

MinChannelTime,

MaxChannelTime,

RequestInformation,

SSID List,

ChannelUsage,

AccessNetworkType,

HESSID,

MeshID,

DiscoveryMode,

Service Hash,

VendorSpecificInfo)

***Insert the following new row*** (ignoring the header row) ***before VendorSpecificInfo in the parameter table:***

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Valid range** | **Description** |
| Service Hash | Service Hash element | As defined in 8.4.2.173 (Service Hash element) | Specifies the service or services sought by the STA using a compact representation of the service identifier(s).The element is optionally present if either dot11UnsolicitedPADActivated or dot11SolicitedPADActivated is true, and absent otherwise. |

#### MLME-SCAN.confirm

##### Semantics of the service primitive

***Insert the following new rows to the end of the BSSDescription parameter table:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Valid range** | **Description** | **IBSS adoption**  |
| Service Hint | Service Hint element | As defined in 8.4.2.171 (Service Hint element) | Provides a high-probability indication of the services advertised in Beacon frames by the BSS prior to association.The element is optionally present ifdot11UnsolicitedPADActivated is true, and absent otherwise. | Adopt |
| Service Advertisement  | Service Advertisement element | As defined in 8.4.2.172 (Service Advertisement) | Specifies the services advertised in Probe Response frames by the BSS prior to association and their statuses.The element is optionally present ifdot11SolicitedPADActivated is true, and absent otherwise. | Adopt |
| Service Hash | Service Hash element | As defined in 8.4.2.173 (Service Hash element) | Specifies the service or services advertised by the BSS prior to association, using a compact representation of the service identifier(s).The element is optionally present if either dot11UnsolicitedPADActivated or dot11SolicitedPADActivated is true, and absent otherwise. | Adopt |
| Supported ULP | Supported ULP element | As defined in 8.4.2.174 (Supported ULP element) | Specifies the upper layer protocols which the AP supports encapsulating using ANQP-SD. The element is optionally present ifdot11EncapsulatedPADActivated is true, and absent otherwise. | Adopt |

### Start

#### MLME-START.request

##### Semantics of the service primitive

***Change the primitive parameter list as shown:***

MLME-START.request(

SSID,(#26)
BSSType,
BeaconPeriod,
DTIMPeriod,
CF parameter set,
PHY parameter set,
IBSS parameter set,
ProbeDelay,
CapabilityInformation,
BSSBasicRateSet,
OperationalRateSet,
Country,
IBSS DFS Recovery Interval,
EDCAParameterSet,
DSERegisteredLocation,
HT Capabilities,
HT Operation,
BSSMembershipSelectorSet,
Extended Capabilities,
20/40 BSS Coexistence,
Overlapping BSS Scan Parameters,
MultipleBSSID,
InterworkingInfo,)AdvertisementProtocolInfo,
RoamingConsortiumInfo,
Mesh ID,
Mesh Configuration,
QMFPolicy,
DMG Capabilities,
Multi-band,
MMS,
DMG Operation,
Clustering Control,
CBAP Only,
PCP Association Ready,
VHT Capabilities,
VHT Operation,

Service Hint,

Service Advertisement,

Service Hash,

Supported ULP,
VendorSpecificInfo)

***Insert the following new rows before VendorSpecificInfo in the parameter table:***

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Valid range** | **Description** |
| Service Hint | Service Hint element | As defined in 8.4.2.171 (Service Hint element) | Provides a high-probability indication of the services advertised in Beacon frames by the BSS.The element is optionally present ifdot11UnsolicitedPADActivated **is** true, and absent otherwise. |
| Service Advertisement  | Service Advertisement element | As defined in 8.4.2.172 (Service Advertisement) | Specifies the services advertised in Probe Response frames by the BSS and their statuses.The element is optionally present ifdot11SolicitedPADActivated is true, and absent otherwise. |
| Service Hash | Service Hash element | As defined in 8.4.2.173 (Service Hash element) | Specifies the service or services advertised by the BSS during pre-association, using a compact representation of the service identifier(s).The element is optionally present if either dot11UnsolicitedPADActivated or dot11SolicitedPADActivated is true, and absent otherwise. |
| Supported ULP | Supported ULP element | As defined in 8.4.2.174 (Supported ULP element) | Specifies the upper layer protocols which the AP supports encapsulating using ANQP-SD. The element is optionally present ifdot11EncapsulatedPADActivated is true, and absent otherwise. |