IEEE P802.11
Wireless LANs

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| LB216 Clause 6 Comment Resolutions |
| Date: 2016-01-19 |
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Abstract

This document provides proposed updated text for Clause 6 from LB216. It addresses all of the comments, except CID 2239, in tab “Clause 6.3” of 11-15-1377r5.

***TGaq Editor: Update clause 6.3 in the 11aq 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)

6.3.3.2.3 When Generated

*Insert row (ignoring the header row) in the table as follows:*

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Valid range** | **Description** |
| Service Hash | Service Hash element | As defined in 8.4.2.173 (Service Hash element) | Specifies services.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 8.4.2.213 (Service Hint element) | Provides an indication of the services advertised in Beacon and Probe Response frames. The element is present if such an element was present in the Beacon or Probe Response frame. | Adopt |
| Service Advertisement  | Service Advertisement element | As defined in 8.4.2.214 (Service Advertisement) | Specifies the services adver- tised in Probe Response frames. The element is present if such an element was present in the Probe Response frame. | Adopt |
| Service Hash | Service Hash element | As defined in 8.4.2.215 (Service Hash element) | Specifies services advertised in Beacon and Probe Response frames. The element is present if such an element was present in the Probe Response or Beacon frame. | Adopt |

### Start

#### MLME-START.request

##### Semantics of the service primitive

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

MLME-START.request(

SSID,
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,
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 8.4.2.213 (Service Hint element) | Provides an indication of the services that are advertised in Beacon and Probe Response frames. The element is optionally present if dot11UnsolicitedPADActivated is true, and absent otherwise. |
| Service Advertisement  | Service Advertisement element | As defined in 8.4.2.214 (Service Advertisement) | Specifies the services advertised in Probe Response frames. The element is optionally present if dot11SolicitedPADActivated is true, and absent otherwise. |
| Service Hash | Service Hash element | As defined in 8.4.2.215 (Service Hash element) | Specifies the services advertised in Beacon and Probe Response frames. The element is optionally present if either dot11UnsolicitedPAD- Activated or dot11Solicited- PADActivated is true, and absent otherwise. |