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 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 sought by the STA.  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 sought by the STA. 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,

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 8.4.2.213 (Service Hint element) | Provides an indication of the services that is advertised in Beacon and Probe Response frames. The element is optionally present if dot11UnsolicitedPADActivated or dot11SolicitedPADActivated 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. |