IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 802.11  GLK ESS Definition | | | | |
| Date: 2016-02-07 | | | | |
| Author(s): | | | | |
| Name | Company | Address | Phone | Email |
| Philippe Klein | Broadcom Ltd | 5300 California Ave. Irvine, CA 92617 | +972 (54) 3134500 | [philippe.klein@braodcom.com](mailto:ganesh.venkatesan@intel.com) |

**Abstract**

This submission is an attempt to solve the GLK ESS definition issue.

Option #1: Modify the definition of the GLK ESS in Draft P802.11ak\_D1.4

Option #2: Remove the GLK ESS from Draft P802.11ak\_D1.4

History:

r0 – initial submission

#### Option #1 - Modify the GLK ESS definition

#### *Modify the GLK ESS definition in 3.2 as follows:*

## 3.2 Definitions specific to IEEE Std 802.11

**general link (GLK) extended service set (ESS):** The set of basic service sets (BSSs) in an ESS, in which the access point (AP) and its associated non-AP stations (STA) in the BSS supports GLK.

#### *Replace Fig 4-14c with the fig below:*

#### 

#### Option #2: remove the (few) GLK ESS definition and occurences from the draft

#### *Remove the GLK ESS definition in 3.2:*

## 3.2 Definitions specific to IEEE Std 802.11

#### *Remove the following paragraph in 4.3.23.4.3:*

##### 4.3.23.4.3 GLK infrastructure BSS

Figure 4-14c shows, as an example, the data plane of an ESS constructed from GLK and non-GLK BSSs.

#### *Replace Fig 4-14c (and its caption) with the fig below:*



**Figure 4-13c—Example of the data plane of a ESS** **constructed from GLK and non-GLK BSSs.**

#### 4.5.4.5 Disassociation

***Change text as follows:***

The disassociation service is invoked when an existing association is to be terminated.

In the non-GLK case, disassociation is one of the services in the DSS, which tells the DS to void existing association information. Attempts to send MSDUs via the DS to a disassociated STA will be unsuccessful.

For a GLK AP, disassociation removes or disables the corresponding Internal Sublayer Service SAP being provided by that GLK AP. The 802.1Q bridge uses this information to disable bridging for the non-AP STA.