IEEE P802.11
Wireless LANs

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| Annex ZA changes |
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Abstract

This document provides updated text for the following CIDs:

1013, 1071, 1109, 1137, 1196, 1197, 1198, 1200, 1294, 1296, 1297, 1326, 1451, 1452, 1538, 1539, 1540, 1541, 1542, 1638, 1639, 1658

This uses Draft P802.11aq\_D1.0 as a baseline.

# 4. General Description

#### *Add the following new clauses to 4.5.9*

#### 4.5.9.1 [#1361] Preassociation Discovery Architecture

[#1658] [#1326] [#1137] [#1538] [#1638] ANQP-SD is used by STAs to perform preassociation discovery of useful information from APs concerning services that are available in the BSS. [#1196] This information is useful in deciding whether or not to associate with a particular AP [#1197] [#1198].

Figure 4.5aq shows the functional flow of MAC messaging and service information between the STA and the AP. [#1539] The Proxy entities shown in Figure 4.5aq are [#1451] logical entities that contain caches of information about services available for the STA to connect to after it associates with the AP.

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Figure 4.5.aq – Preassociation Discovery Architecture [#1452] [#1540]

##### 4.9.5.2 [#1297] Proxy Entity

[#1294] [#1296] [#1541] [#1109] [#1071] [#1013] A proxy is required to exchange information with higher layers in both the STA and AP. [#1200] Within a STA this includes service discovery requests and responses to and from applications. Within an AP this includes service discovery requests and responses from the BSS.

[#1542] The proxy is used to encapsulate the service relevant information such as service name, service information and then exchange that information between the STA and AP. [#1639] As shown in Figure 4.5aq, preassociation discovery signaling is opaque to the service relevant information as this is handled by the proxies on the STA and AP.

#### *Remove the following clauses from Annex ZA and renumber*

Annex ZA.1

Annex ZA.2