IEEE P802.11
Wireless LANs

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| Differentiate transmission of probe responses |
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Abstract

This document proposes text for the following area of SFD.

* **6. Fast Network Discovery**
* Proposed text describes channel access differentiations of probe responses depending on the addressing information carried in the probe request.

# Fast Network Discovery

**Motivation**

Probe request may contain both broadcast/wildcard address and specific network IDs. To reduce the delay in discovering preferred or selected networks, probe responses from specific networks should be prioritized than those from wildcard/broadcast address identified networks.

**Reference**

11-12/0206r0 Necessity of Probe reduction

11-12/0153r05 Ai Active Scanning Choices

11-12/0059r1 Ai selection of the AP for scanning

11-12/0206r0 Ai necessity of probe reduction in FILS

11-12/0246r4 Differentiate transmission of probe responses

**[Motion]** *This is reserved for Atlanta F2F meeting.*

**<Proposed text>**

**6.1 Active Scanning**

6.1.x Differentiate transmission of probe responses (12/0246r4)

* + An AP shall respond to probe request addressed to the AP with higher priority over probe request with wildcard ID.

* + Do you agree to include the above conceptual text for SFD?

Y/N/A =

* An AP shall respond to probe request directed at the AP with higher priority EDCA parameters, such as those for AC\_VO or AC\_VI.

* Do you agree to include the above conceptual text for SFD?

Y/N/A =