

July, 1995

Doc: IEEE P802.11-95/150A

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Delivery-Only PCF Subset

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Allowing a Delivery-Only PCF

- The existing PCF definition does not require a point coordinator to honor requests to place stations on the polling list. It is therefore permissible for a point coordinator to use contention free periods solely for delivery of From-DS frames.
- There are cases, such as APs where most frame traffic is between client stations and servers on the distribution system, where most of the efficiency benefits of contention free frame transfers occur using the CF period solely for frame delivery.
- The type of CF operation can be indicated in the capability bits:

| Bit | in Requests | in Beacons & Responses |
|-----|-------------|------------------------|
|-----|-------------|------------------------|

| | | |
|---|---------------------|------------------------|
| 2 | station is CF-Aware | AP has PC in operation |
|---|---------------------|------------------------|

| | | |
|---|---------------------------|-----------------------------|
| 3 | station asks to be polled | PC maintains a polling list |
|---|---------------------------|-----------------------------|

Presentation

Slide 1:

Michael Fischer, Digital Ocean

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Motion on Delivery-Only PCF

Motion

- That the text changes to explicitly allow, and to indicate the capabilities of, a delivery-only PCF, as contained in document 95/150, be adopted and placed into the draft standard.

Presentation

Slide 2

Michael Fischer, Digital Ocean

