

SYSTEM AND METHOD FOR PROVIDING A SOFTWARE DEFINED PROTOCOL STACK

ABSTRACT OF THE DISCLOSURE

Embodiments are provided for indicating response frame types according to response
5 frame durations in a wireless network. The embodiments include defining a plurality of response
frame types in accordance to different transmission durations. The different response frame types
are assigned corresponding indication values. When transmitting a current frame to a receiver
entity, a transmitter entity selects a response frame type from the defined response frame types,
and indicates in the current frame the selected response frame type using the assigned indication
10 value. When a third entity receives the current frame, the third entity waits for a time period
about equal to a predefined inter-frame and backoff time before transmitting a new frame. Upon
determining that the indication value in the current frame is for sending a response frame, the
third entity also waits an additional time period about equal to the transmission duration of the
indicated response frame type.

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Figure 3