IEEE P802.11
Wireless LANs

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Abstract

This submission proposes the text for the resolutions for the CIDs 5151 5152. The baseline for this comment resolution document is 802.11bc Draft 4.0.

* Rev 0: first draft

**11.55.3.3 EBCS DL operation at an EBCS receiver**

An EBCS receiver discovers an EBCS capable AP by receiving any of the following:

— a Beacon frame, an S1G Beacon frame, a Probe Response frame or a PV1 Probe Response frame

with the EBCS Support field in the Extended Capability element equal to 1,

— an EBCS Info frame,

— an ANQP Response frame that includes the EBCS ANQP-element,

— an FILS Discovery frame that includes an EBSC Parameters element.

In case of PKFA or HCFA, an EBCS receiver shall use the content of received EBCS Info frames to validate

the source of an EBCS traffic stream as describe in 12.14.2 (EBCS public key frame authentication (PKFA)) or

12.14.3 (EBCS hash chain frame authentication (HCFA)). An EBCS receiver is able to know when the next

EBCS Info frame is transmitted by inspecting the EBCS Info Frame Countdown field in the EBCS Parameters element in Beacon frames,S1g Beacon frames, PV1 Probe Response frames, and Probe Response frames, FILS Discovery frames or the Enhanced Broadcast Services ANQPelement

in ANQP Response frames. An EBCS receiver may select the EBCS traffic streams to receive and

consume. Details of the usage of the EBCS Info frame is described in 11.55.3.4 (EBCS Info frame generation

and usage). An EBCS receiver may need to request or register for one or more EBCS traffic streams by transmitting to an EBCS AP an EBCS Content Request frame or a frame containing an EBCS Content Request ANQP-element (see 11.55.3.7 EBCS negotiation procedure for associated STAs and 11.55.3.8 EBCS negotiation procedure for unassociated STAs).

NOTE—An EBCS receiver might be able to receive EBCS content without transmitting any frames.