IEEE 802.11 MAC Profile for CAPWAP: draft-ietf-opsawg-capwap-hybridmac-01

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Problem Statement

Functions		Split MAC
Function	Distribution Service	AC
	Integration Service	AC
	Beacon Generation	WTP
	Probe	WTP
	Power Mgmt/Packet Buffering	WTP
	Fragmentation/Defragmentation	WTP/AC
	Assoc/Diassoc/Reassoc	AC
IEEE 802.11 QoS	Classifying`	AC
	Scheduling	WTP/AC
	Queuing	WTP
IEEE 802.11 RSN (WPA2)	IEEE 802.1X/EWTP	AC
	RSNA Key Management	AC
	IEEE 802.11 Encryption/Decryption	WTP/AC

- No way to configure the WTP to enable/disable encryption
- Interoperability issues between AC and WTP

Proposal

- Incorporated changes based on last meeting discussion

- Defined new IEEE 802.11 Message Elements

  - Supported IEEE 802.11 MAC Profile

  - IEEE 802.11 MAC Profile

- WTP announces capability in Discover/Join request

  - Support for various MAC profiles

- AC may configure specific MAC profile while configuring WLAN

Discussion

- Feedback on mailer
  - ✓ Add descriptive text on how capability exchange happens
  - ✓ Add Section on Terminology and Abbreviations
  - ✓ Remove MAC profiles for Local and Split MAC
  - ✓ Editorial changes

- Next steps
  - Are we on track to get to last call ?