EAS in 802.11

http://www.ietf.org/id/draft-bajko-atoca-wlan-eas-01.txt

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EAS support in 802.11 - preauthentication

- Specifies the last mile delivery of an EAS to a wifi device
- No need to connect/authenticate apriori with the AP
- Trusting the EAS content is an issue
EAS support in 802.11 - postauthentication
- Specifies the last mile delivery of an EAS to a wifi device

Connected, authenticated with the AP

WiFi AP
Beacon, EAS identity indication

EAS present

Request EAS server URI

EAS server URI

https://EASserver/EAS_ID
Support for EAS in an AP

- Optional feature, AP may or may not support EAS
- Even if it supports it, the functionality has to be enabled

- The support and enablement of the feature is indicated on the radio i/f, but not to the WAN side
  - I.e., the AP would probably need to register/subscribe to a local/national EAS service for EAS to be sent to or be notified when to fetch them

- Functionality capable of handling multiple EAS messages

- There is no MIB variable defined to store EAS messages from the network

- WFA may help in integrating atoca with wifi EAS functionality