Draft MADINAS Use Cases document

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Draft Update

Since draft madinas use cases 01:

- draft 01 addressed all comments received since previous F2F

- Draft 02 starts examining possible existing solutions to the requirements

- Draft 03 adds more solutions, and fixes typos – procedural mishap that needs addressing

- Draft 04 implements more comments from previous F2F

- Draft 05 reduces the requirements section

- Draft 06 mitigates the IPv6 gap (and still finds typos!)

Document seems to be stable now and seems ready to progress. Continued input and feedback are welcome

https://datatracker.ietf.org/doc/draft-ietf-madinas-use-cases/.

Use Cases and Requirements (1/2)

Use cases	Trust Degree	Network Admin	Network Services	Network Support Expectation
Home	Medium	User	Medium	Low
Managed residential	Medium	IT	Medium	Medium
Campus (BYOD)	Medium	IT	Complex	Medium
Enterprise (MDM)	High	IT	Complex	High
Hospitability	Low	IT	Simple	Medium
Public Wi-Fi	Low	ISP	Simple	Low

Use Cases and Requirements (2/2)

- REQ1 The network must not make any assumption about client MAC address persistence. MAC address change must happen while allowing for service continuity. If a service is interrupted during the RCM process, there must be a formal mechanism for the client and the network to exchange about the interruption.

- REQ2 During duration of the services, the device should not change its identity. Any change of identity may result in re-authentication and interruption of the current network services.

- REQ3 Different use cases may result in different identity requirements.

Existing solutions / Recommendations: Section 7? Annex?