

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!)

Continued input and feedback is welcome

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

Use Cases

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

Exploring Solutions for Use Cases

Use cases	Trust Degree	Network Admin	Network Services	Network Support Expectation	Possible Solutions
Home	Medium	User	Medium	Low	802.11bh/bi?
Managed residential	Medium	IT	Medium	Medium	802.11bh/bi?
Campus (BYOD)	Medium	IT	Complex	Medium	802.1X/WPA2/3 802.11bh
Enterprise (MDM)	High	IT	Complex	High	802.1X/WPA2/3 802.11bh
Hospitability	Low	IT	Simple	Medium	OpenRoaming and alike, 802.11bi
Public Wi-Fi	Low	ISP	Simple	Low	OpenRoaming and alike 802.11bh

DHCPv4/v6 best practices? SLAAC best practices? Other services?