IETF MADINAS WG

MAC Address Device Identification for Network and Application Services

10 November 2022

Chairs:

Juan Carlos Zúñiga – CISCO

Carlos J. Bernardos – UC3M

This session is being recorded

IETF 115 London
hosted by

CISCO

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Note Well

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- BCP 9 (Internet Standards Process)
- BCP 25 (Working Group processes)
- BCP 25 (Anti-Harassment Procedures)
- BCP 54 (Code of Conduct)
- BCP 78 (Copyright)
- BCP 79 (Patents, Participation)
- https://www.ietf.org/privacy-policy/(Privacy Policy)

I E T F

IETF 115 Meeting Tips

In-person participants

- Make sure to sign into the session using the Meetecho (usually the "Meetecho lite" client) from the Datatracker agenda
- Use Meetecho to join the mic queue
- *Keep audio and video off if not using the onsite version*
- **Wear masks unless actively speaking at the microphone.**

Remote participants

- Make sure your audio and video are off unless you are chairing or presenting during a session
- Use of a headset is strongly recommended

Full Meetecho — Meetecho Lite

Resources for IETF 115 London

- Agenda
  https://datatracker.ietf.org/meeting/agenda
- Meetecho and other information:
  https://www.ietf.org/how/meetings/115/preparation
- If you need technical assistance, see the Reporting Issues page:
  http://www.ietf.org/how/meetings/issues/

Reminders

- Minutes are taken
- This meeting is recorded
- Presence is logged (blue sheets) by logging into DataTracker
- Scribe(s): please contribute online to the minutes at https://notes.ietf.org/notes-ietf-115-madinas
- Recordings and Minutes are public and may be subject to discovery in the event of litigation
- Chat room (Zulip): https://zulip.ietf.org/#narrow/stream/madinas

Agenda

- Welcome, Agenda Review and Status Update (WG Chairs) -- 10 mins
- Use cases and Problem statement -- 15 mins
  - Randomized and Changing MAC Address Use Cases, Jerome Henry
  - https://datatracker.ietf.org/doc/draft-ietf-madinas-use-cases/
- MAC Address Randomization current state-of-affairs -- 10 mins
  - MAC address randomization, Carlos J. Bernardos
  - https://datatracker.ietf.org/doc/draft-ietf-madinas-mac-address-randomization/
- BCP handling RCM document: discussion and next steps (open discussion) -- 15 mins
- OpenRoaming experiment with WBA (Chairs) -- 5 mins
- Next Steps (WG Chairs w/AD Support) -- 5 mins

BCP about Network Services in the presence of RCM (1/2)

The group will produce the following deliverables:

1. Document Current State of Affairs:
> An Informational use cases and identity requirements document
> An Informational MAC Address Randomization current state-of-affairs document
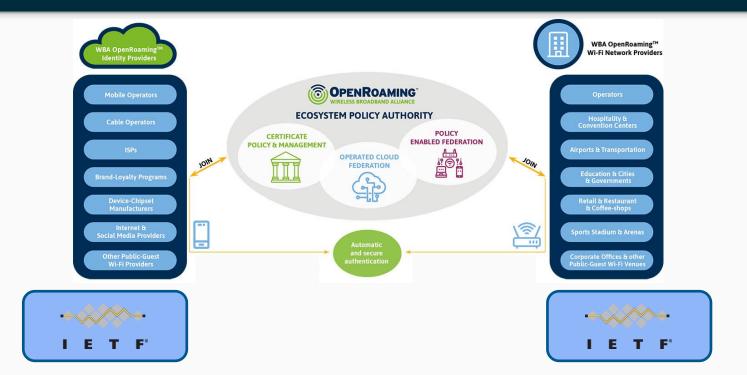
2. Document Best Practices handling RCM
> **A Best Current Practices document**

BCP about Network Services in the presence of RCM (2/2)

"The group will generate a Best Current Practices (BCP) document recommending means to reduce the impact of RCM on the documented use cases while ensuring that the privacy achieved with RCM is not compromised. For scenarios where device identity stability is desirable, the BCP document will recommend existing protocols that can be used to protect the request and exchange of identifiers between the client and the service provider.

The Working Group will work together with other IETF WGs (e.g., DHC, IntArea), and will liaise with other relevant organizations, such as IEEE 802 and the Wireless Broadband Alliance (WBA), by coordinating on the different recommendations, as well as potential follow-up activities within or outside the IETF."

OpenRoaming Experiment with WBA

OpenRoaming Experiment Update

- Technical meeting held with WBA and IETF NOC
- Points to solve
    - Identity Provider
    - User's privacy
    - Device provisioning
    - Network Setup
- Next steps
    - Test scenario before/during next IETF meeting