

DRIP WG

1st Meeting

IETF#107, 2020/03/25

IETF 107 Virtual Meeting Tips

This session is being recorded

1. **Make sure your video is off.**
2. **Mute your microphone unless you are speaking.**
3. **Use Webex chat only to join the mic queue.**
“+q” adds you to the queue
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4. **Add your name and affiliation to the virtual blue sheet in the session Etherpad via IETF Datatracker Meeting agenda**
5. **Join the session Jabber room via IETF Datatracker Meeting agenda**

Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

As a reminder:

- By participating in the IETF, you agree to follow IETF processes and policies.
- If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.
- As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.
- Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.
- As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (<https://www.ietf.org/contact/ombudsteam/>) if you have questions or concerns about this.

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)

Agenda

- Chairs slides **15 min**
 - Minute taker, jabber, agenda bashing
- DRIP Requirements **30 min**
 - [draft-card-drip-reqs](#) [Stuart] 20 min
 - Discussion [ALL] 10 min
- DRIP Reference Architecture **30 min**
 - [draft-card-drip-arch](#) [Stuart] 20 min
 - Discussion [ALL] 10 min
- WG Planning & Closing **15 min**

Protocol Documents (If time permits)

- DRIP Authentication Formats & Identity Claims (Adam)
[draft-wiethuechter-drip-auth](#)
[draft-wiethuechter-drip-identity-claims](#)
- Crowd Sourced RID & HIP Updates (Robert)
[draft-moskowitz-tmrid-crowd-sourced-rid](#)

WG Logistic

- Co-chairs: Daniel & Med
- Please use “drip” in the file name when submitting your draft
 - Also, consider replacing your « TM-RID » drafts with DRIP
- We are considering monthly interim meetings and will send a doodle
 - Drop us an email if you have a TZ preference
- If you are willing to co-author one of the documents that will be adopted by the WG, don't be shy! Send us an email
- On the use of Github
 - We will leave it to the authors to decide whether they want to use or not
 - <https://datatracker.ietf.org/doc/draft-ietf-git-using-github/>

Meeting's Objectives

- Have a common understanding of the WG mission
- Agree on the WG priorities for achieving its goals
- Agree on a time frame to finalize the WG items

Our Mission

The working group will work on the following items:

* **Requirements:** the WG is expected to provide an informational document that lists the technical requirements for applying IETF protocols to the UAS Remote Identification (UAS RID) - that is the system for identifying Unmanned Aircraft (UA) during flight by other parties. These requirements also include showing that new or adapted identifiers from existing protocols conform and meet the specifications to be certified as a UAS RID.

* **Architecture:** the WG will propose a standard document that describes the architecture that addresses the technical requirements and that will attempt to re-use protocols or architectures already standardized at the IETF.

* **Protocol design:** while the primary purpose of DRIP WG is to leverage existing protocols, the specificities of the UAS environment are likely to require existing protocols to be extended or new protocols to be designed. The WG will focus on getting these protocols or extensions standardized, coordinating with other WGs relevant for the protocol(s) in question on the most appropriate home for any given piece of work.

How to get there?

The working group will work on the

* **Requirements:** the WG will define the technical requirements for applications (UAS RID) - that is the system for the participating parties. These requirements also include existing protocols that conform and meet the specifications to be certified as a UAS RID.

* **Architecture:** the WG will propose a standard document that describes the architecture that addresses the technical requirements and that will attempt to re-use protocols or architectures already standardized at the IETF.

* **Protocol design:** while the primary purpose of DRIP WG is to leverage existing protocols, the specificities of the UAS environment are likely to require existing protocols to be extended or new protocols to be designed. The WG will focus on getting these protocols or extensions standardized, coordinating with other WGs relevant for the protocol(s) in question on the most appropriate home for any given piece of work.

- Focus **first** on the Requirements & Architecture
- **Formulate** the problem space so that this can be understood by all IETF members not only those involved in DRIP
- **Simplify** the terminology. This will help socializing DRIP

Proposed Milestones

- WG adoption of the requirements and architecture I-Ds in April 2020
- WGLC in July 2020

Reasonable or aggressive ?

The floor is your.

Discussion