

# PrivacyPass - IETF 115

**Chairs:** Joe Salowey, Ben Schwartz

# 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 reminder:

- 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)

# IETF Code Of Conduct Guidelines

1. Treat colleagues with respect
2. Speak slowly and limit the use of slang
3. Dispute ideas by using reasoned argument
4. Use best engineering judgment
5. Find the best solution for the whole Internet
6. Contribute to the ongoing work of the group and the IETF

Please keep these in mind both at the mic and on Zulip/Meetecho IM

# Requests

Minute Taker(s)

Jabber Scribe(s)

Log into [Onsite Tool](#) (queue)

---

State your name

Keep it professional, respectful, and  
constructive

# Agenda

## Friday Session II

---

05 min    Administrivia

---

30 min    Working Group Drafts

---

- ~~Post adoption overview of draft wood key consistency (TBD, 10 min)~~
- Status update on draft-privacypass-rate-limit-tokens (Tommy Pauly, 20 min)

---

30 min    Other Presentations

---

- Status of relevant work in the W3C (Steven Valdez, 10 min)
- Next steps for PRIVACYPASS (chairs, 20 min)

# Privacy Pass Next Steps

## Where we are:

- *Arch* document completed last call - holding
- *Issuance* and *HTTP Authentication Scheme* Documents in WGLC
- *Key Consistency* recently adopted, no major changes in flight
- *Rate Limits* adopted, still evolving

## What else do we want to work on?

- Consolidation considerations?
- Additional token types or issuance flows?
- Consistency protocols?
- Attestation?
- ...

# Charter extracts

...an extensible protocol for creating and redeeming anonymous and transferrable token

...a HTTP-layer API for the protocol...

1. ... use cases and interfaces...
2. Defining the privacy goals for each Client during protocol execution, along with expectations placed on the Issuers and the ecosystem at large.
3. Describing recommended parameterization(s) of variables associated with the protocol ecosystem that control the size of the anonymity set that the client belongs to.

4. Describing verification mechanisms for trusting Issuers and their corresponding keying material. Such mechanisms should prevent Issuers from presenting any key material that could be used to deanonymize clients.

5. Describing the procedure for including small amounts of metadata with Issued tokens, as well as the associated impacts on privacy.

6. Describing the risk and possible ramifications of Issuer centralization, and exploring possible mechanisms to mitigate these risks.