

Submission Tokens

<https://datatracker.ietf.org/doc/draft-slusarz-extra-smtp-submission-token/>

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Why?

- Newer messaging technologies provide **low-latency**, with **confirmed delivery**
- E-mail should adopt, if possible, as it provides more real-time messaging
- (Selfishly), this is important for Chat over Imap Initiative:
<https://www.coi-dev.org/>

How?

- Incremental improvements, using existing standards, to create an overlay on current routing infrastructure
- **Distribute limited-privilege tokens to allow direct delivery**
- **Tokens are tied to sender-recipient pairs**
- **Two different token trust levels (temporary vs. permanent)**

?'S

- 0 **Are we missing something obvious?**
- 0 Generalized standard vs. specific use case
 - 0 Team Timo: meant for submission server proxying (completely transparent to clients/end-users)
 - 0 Team Michael: submission proxying is one use-case, but provide tools for others to develop in ways we haven't thought of
- 0 Authentication (SASL mechanism)
- 0 Autodiscovery (SRV records; fallback to MX?)
 - 0 E-mail normalization
- 0 Temporary Token distribution