



More Instant Messaging Interoperability (MIMI) Working Group



IETF 116
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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)

[Mask policy](#)

Agenda

- Agenda Bash, Administrivia, and WG Roadmap (Chairs) 10 minutes
- Content format (Rohan Mahy) 30 minutes
- Message transport and delivery
 - Matrix: framework and linearized Matrix (Matthew Hodgson) 7 minutes
 - MIMI Transport Protocol (Jonathan Rosenberg) 7 minutes
 - MIMI Delivery Service (Raphael Robert) 7 minutes
 - Discussion of transport requirements and trade-offs (Eric Rescorla) 40 minutes
- WG process going forward (Chairs) 10 minutes

MIMI Building Blocks (1/2)

Building block	Problem(s) to be solved	Relevant drafts and existing building blocks
Messaging content format	<ul style="list-style-type: none">- Which message features are supported and how- Extensibility mechanism	Reqs: draft-ralston-mimi-messaging-requirements Specs: draft-mahy-mimi-content draft-ralston-mimi-matrix-message-format Existing: MIME, URIs
Message transfer and delivery (also known as transport)	<ul style="list-style-type: none">- How providers exchange messages- How users on different providers initiate contact with one another- How MLS delivery service (DS) functions are performed (?)	Reqs: draft-ralston-mimi-messaging-requirements Specs: draft-rosenberg-mimi-protocol draft-ralston-mimi-linearized-matrix draft-ralston-mimi-matrix-transport draft-robert-mimi-delivery-service Existing: XMPP, Matrix
MLS profile	Explanation of how MLS operational requirements (Section 6 of draft-ietf-mls-architecture) are met	draft-robert-mimi-delivery-service (?)

MIMI Building Blocks (2/2)

Building block	Problem(s) to be solved	Drafts and existing building blocks
Identifier naming conventions	How providers, users, clients, devices, and groups are identified	draft-mahy-mimi-identity draft-rosenberg-mimi-protocol Existing: URIs using im: or other schemes
E2E identity	How to associate non-cryptographic identity attributes to cryptographic representation of a MIMI client <ul style="list-style-type: none">- Includes how MLS authentication service (AS) functions are performed	Arch: draft-barnes-mimi-identity-arch draft-mahy-mimi-identity Existing: X.509, Verifiable Credentials, OIDC

MIMI WG Roadmap

Proposed prioritization of work items:

1. Content format
2. Message transfer protocol + identifier naming conventions
3. MLS profile
4. Identity

WG process going forward

- Virtual interims on regular cadence
 - Bi-weekly starting week of April 10?
 - Choosing a time slot
- Process for agreeing on semi-stable draft versions to use as interop targets
 - Regular deadlines for PR submission and incorporation