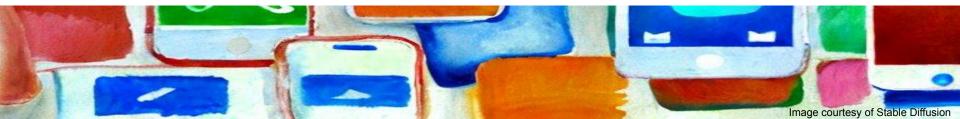


More Instant Messaging Interoperability (MIMI) Working Group



IETF 116 March 30, 2023



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	 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)	 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 - 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