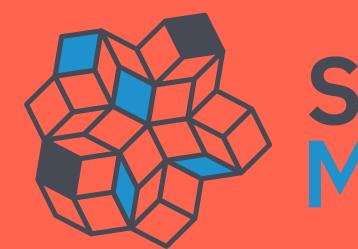
Towards Standardisation



Funding GÉAN





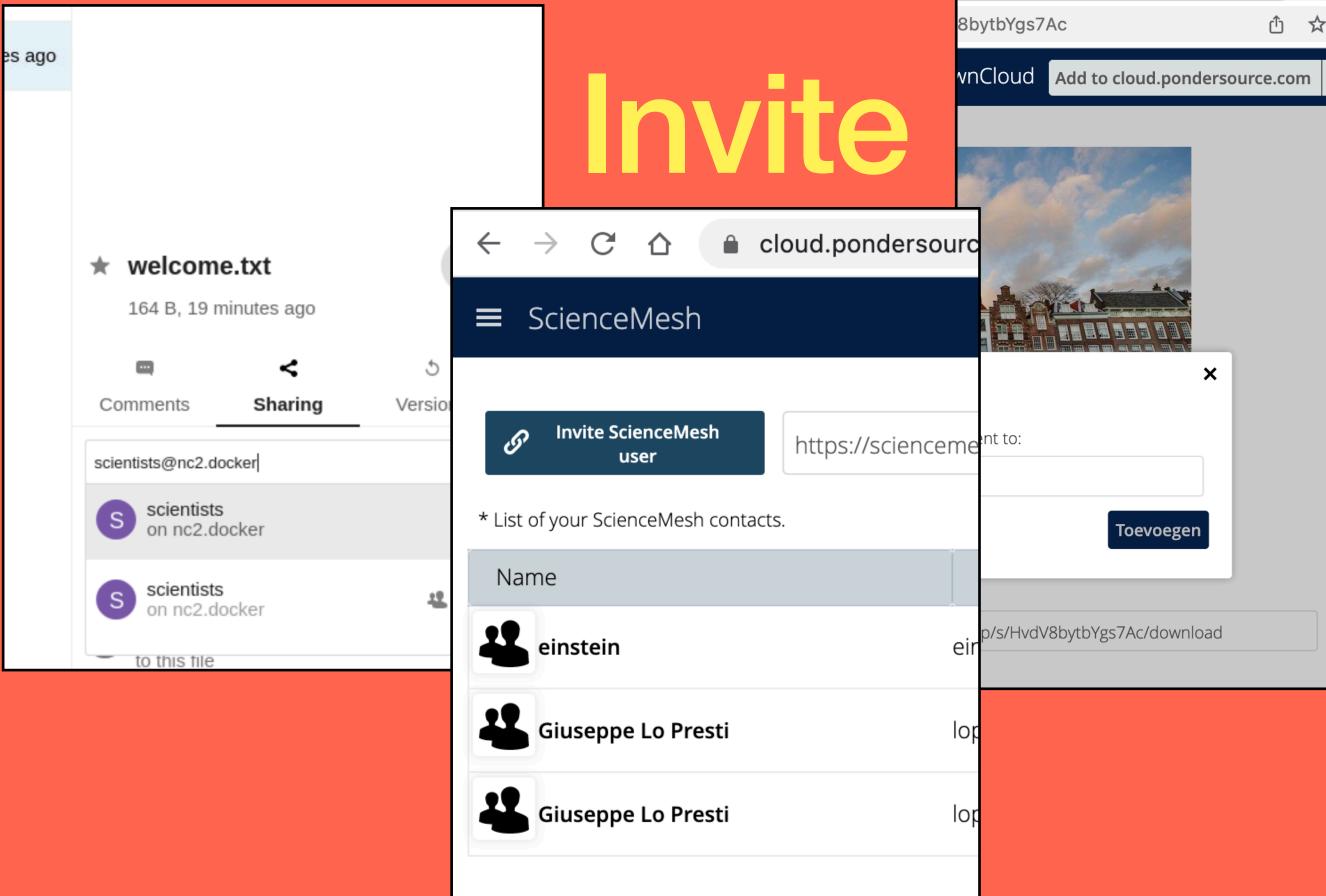
OPENCLOUDMESH

Funding (gap year)

Science Mesh



Authorization Flows Share-With Public Link



🗅 🖈 🗯 🖬 🏟 : 🝷 📕 Downloaden ×

OAuth



Authorize MYAPP

Personal Information

- Your user identifier
- User profile

Application Access

- Read reservations
- Retrieve availability information
- Read rates and restrictions
- Read users

Authorize

Solid

Notepod ✓

A note-taking app for Solid

Notepod will get permission to:

- Delete text files from your Pod.
- Add new text files in your Pod.
- Read text files in your Pod.

ALLOW AND LAUNCH

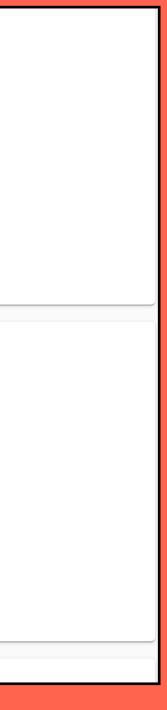
Poddit 🗸 Private bookmarking

Poddit will get permission to:

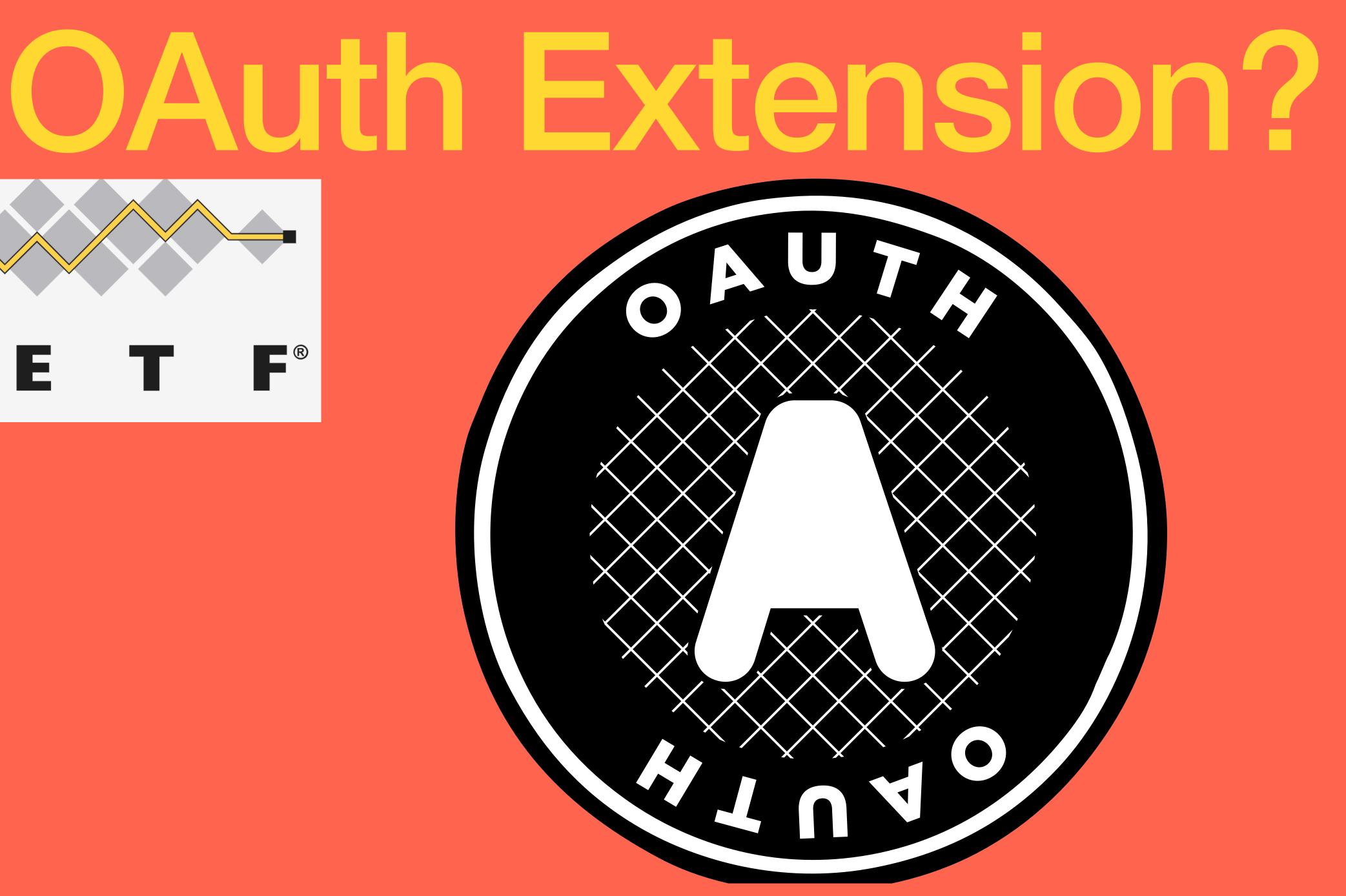
- · Delete bookmarks from your Pod.
- · Add new bookmarks in your Pod.
- · Read bookmarks in your Pod.

ALLOW AND LAUNCH









draft-lopresti-open-cloud-mesh-00



Workgroup: Internet-Draft: Published: Intended Status: Expires: Authors:

Network Working Group draft-lopresti-open-cloud-mesh-00 15 November 2024 Standards Track 19 May 2025 G. Lo Presti M. B. de Jong CERN

Open Cloud Mesh

Abstract

Open Cloud Mesh is a server federation protocol that is used to notify a Receiving Party that they have been granted access to some Resource. It has similarities with authorization flows such as OAuth, as well as with social internet protocols such as ActivityPub and email.

Open Cloud Mesh only handles the necessary interactions up to the point where the Receiving Party is informed that they were granted access to the Resource. The actual resource access is then left to protocols such as WebDAV and others.

Status of This Memo

This Internet-Draft is submitted in full conformance with the provisions of BCP 78 and BCP 79.

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This Internet-Draft will expire on 19 May 2025.

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1. Terms

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in RFC 2119.

M. Baghbani M. Nordin Ponder Source Ponder Source SUNET

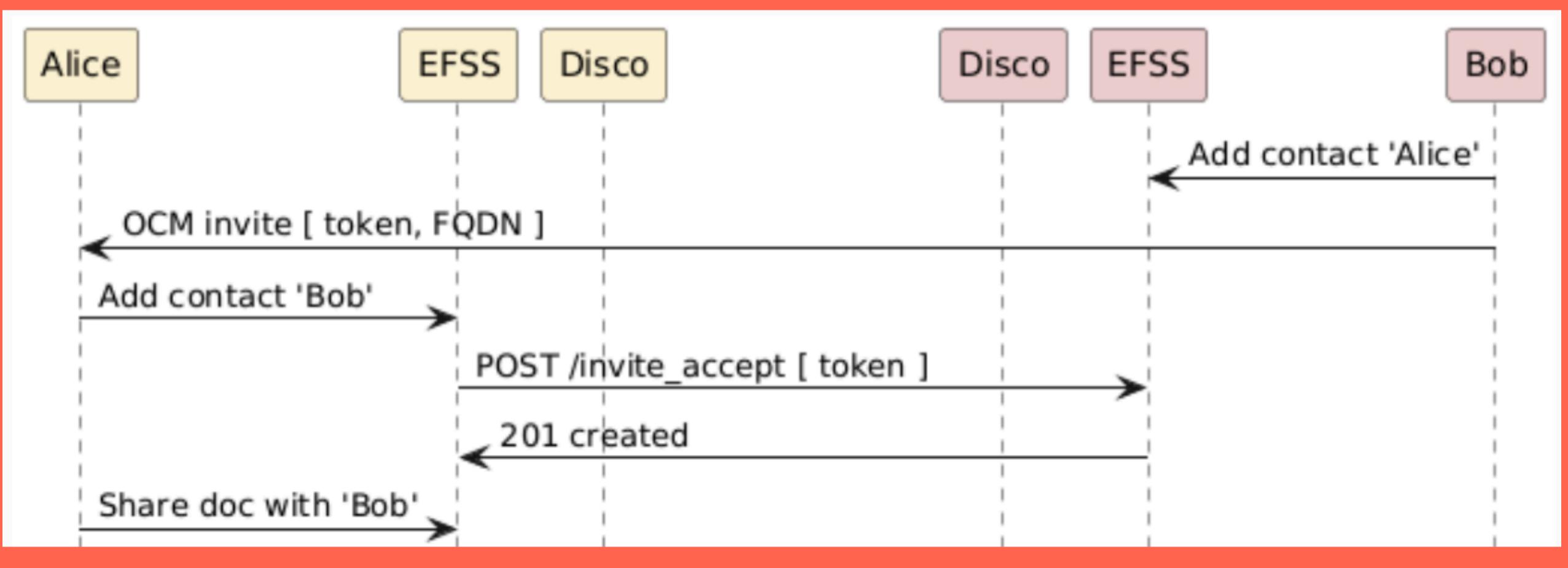
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Authors' Addresses



Invites help servers trust each other





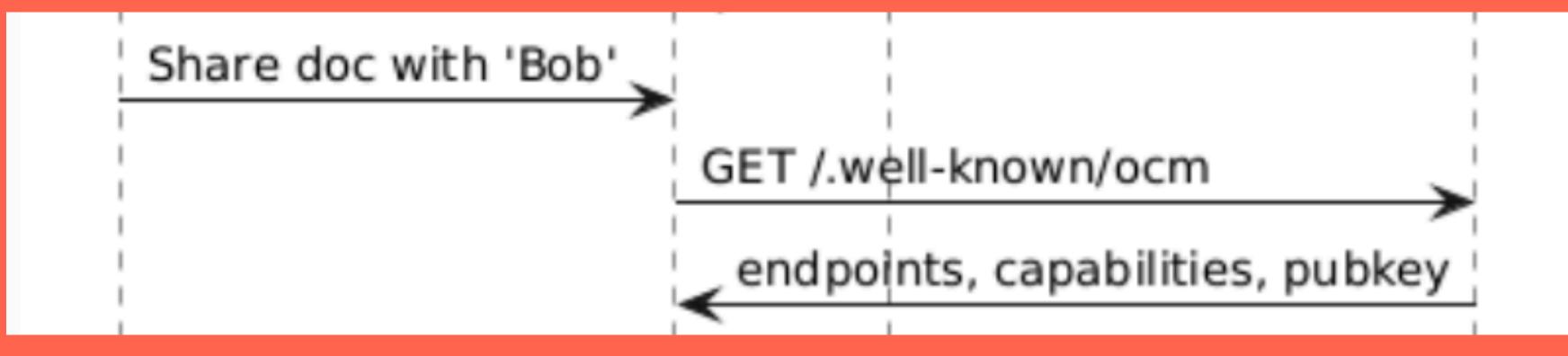


CAPS DISCO?

Caps Disco

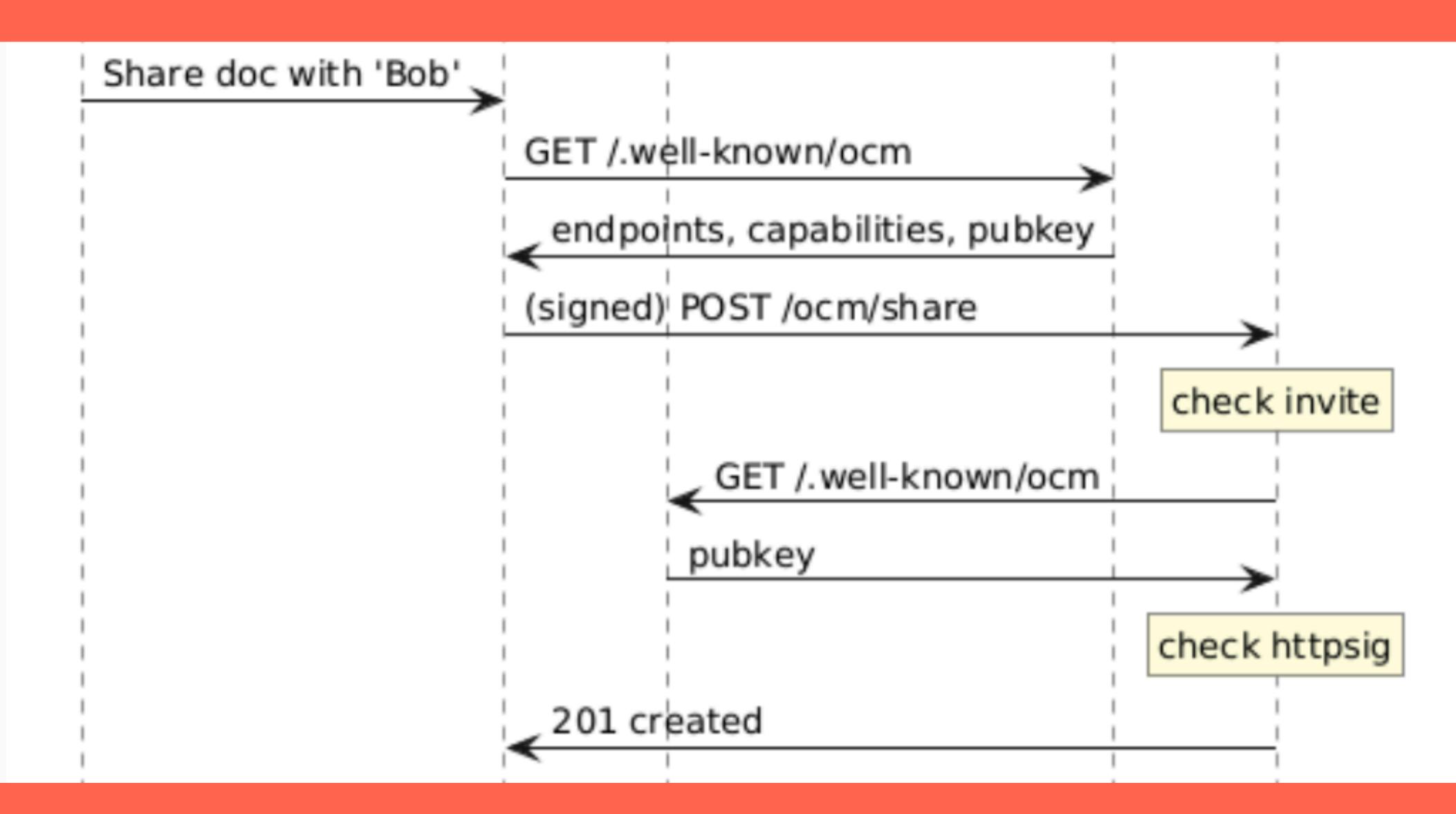




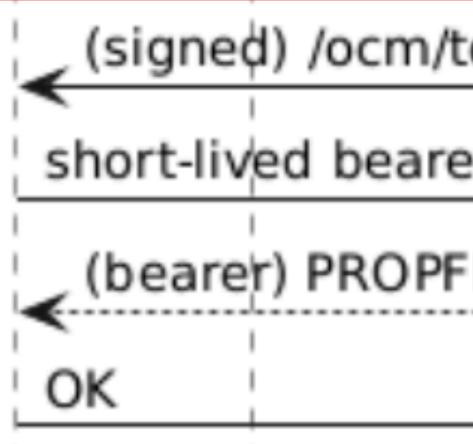


Caps Disco

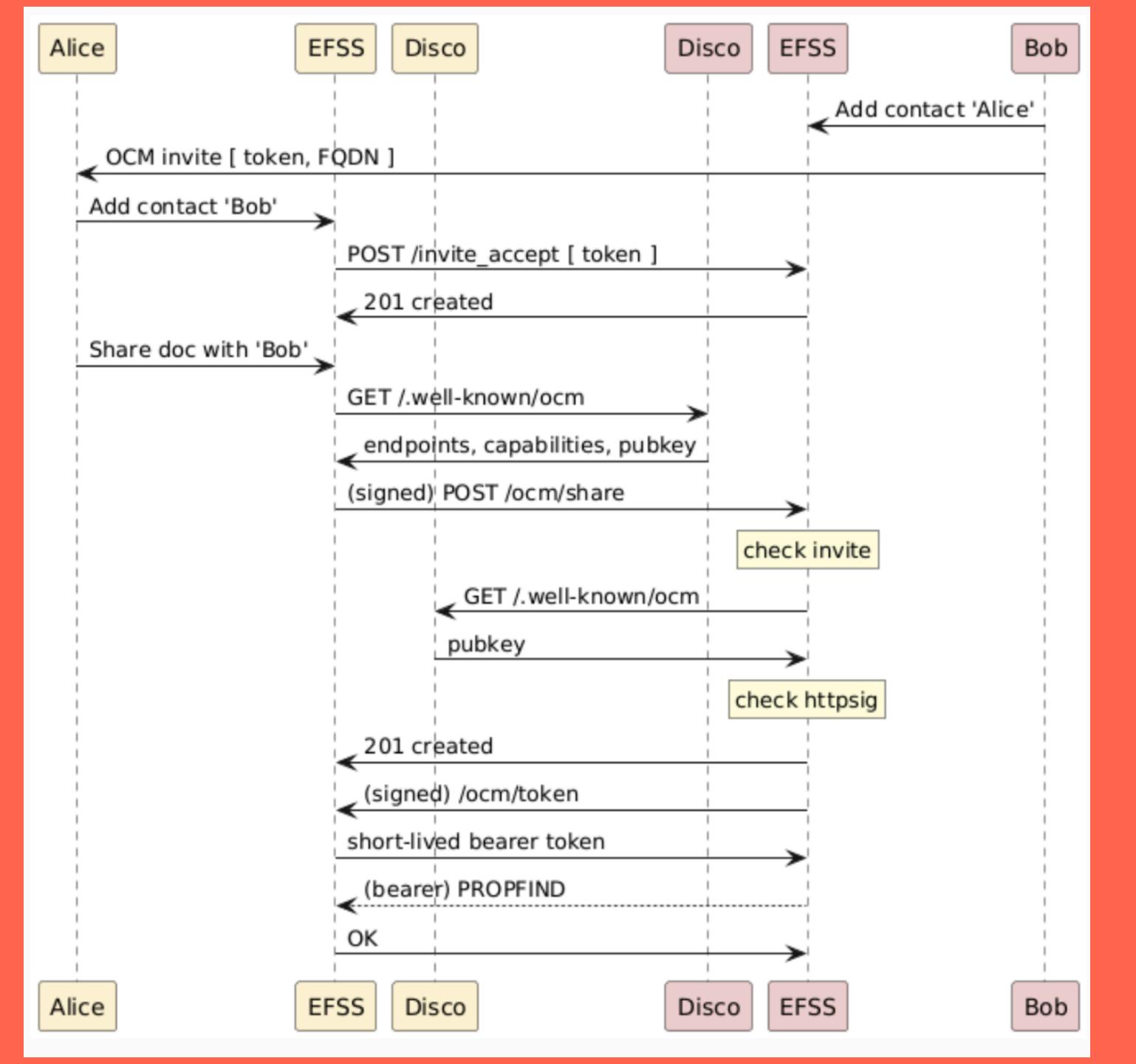
Share Creation Notification



Exchange Code for Token



| token | | |
|----------|------------|-------------|
| er token | | |
| IND | | |
| | l | ا ا ا |
| | | ~ |



FINGSTOADD **/ocm-provider to /.well-known/ocm** protocol as keyed object in share webdav-uri path in share invites group shares, federation shares enforce-mfa httpsig message signing code flow