

EOSC Academy - Course 2: Applying the EOSC Federation Handbook

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for the **EOSC Academy**



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EOSC EOSC Association

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EOSC Federation Handbook

EOSC Association (Editor)

The EOSC Federation Handbook provides an overview of the organisational and operational structure and technical characteristics of the EOSC Federation. It aims to serve as a practical guideline for organisations that are interested in making their resources available within and across the EOSC Federation. Such organisations can achieve this objective by creating and operating an "EOSC Node", and "enrolling" it as part of the EOSC Federation, and/or by "onboarding" their resources in one or more EOSC Nodes operated by other organisations.

The intended users of the Handbook include primarily facility managers, policy makers and technical staff of research performing and funding organisations, research infrastructures, providers of scientific services and other resources, and e-infrastructures.

The "end-users" of the resources accessible through the EOSC Federation, i.e. the researchers, are not directly targeted by the Handbook, but they may still find useful information about the scope and organisation of the EOSC Federation. It is important to build the EOSC Federation in the most transparent manner and with the understanding of the research community.

Files

EOSC_Federation_Handbook_V2_20260130.pdf

Version	Date
Version 2.0	Jan 30, 2026
Version 1.0	Mar 27, 2025

External resources

Indexed in

Communities

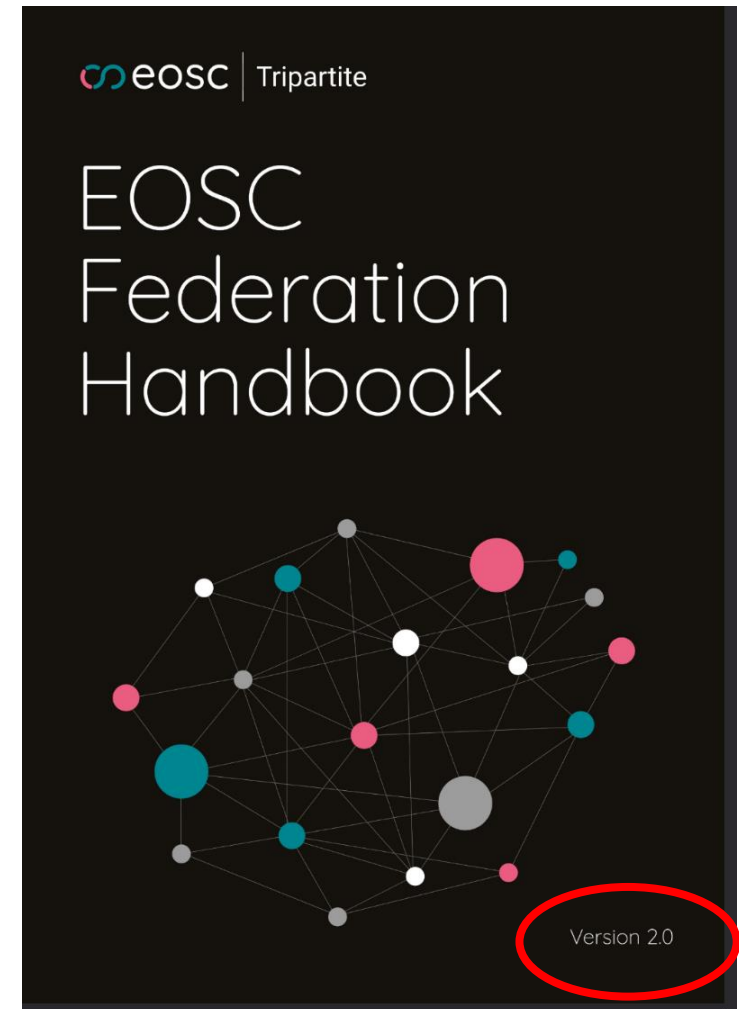
Details

DOI

Resource type

Publisher

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Module 6

Applying to become a Node + On-boarding services

Ch 6. Joining the Federation – pgs 56-57

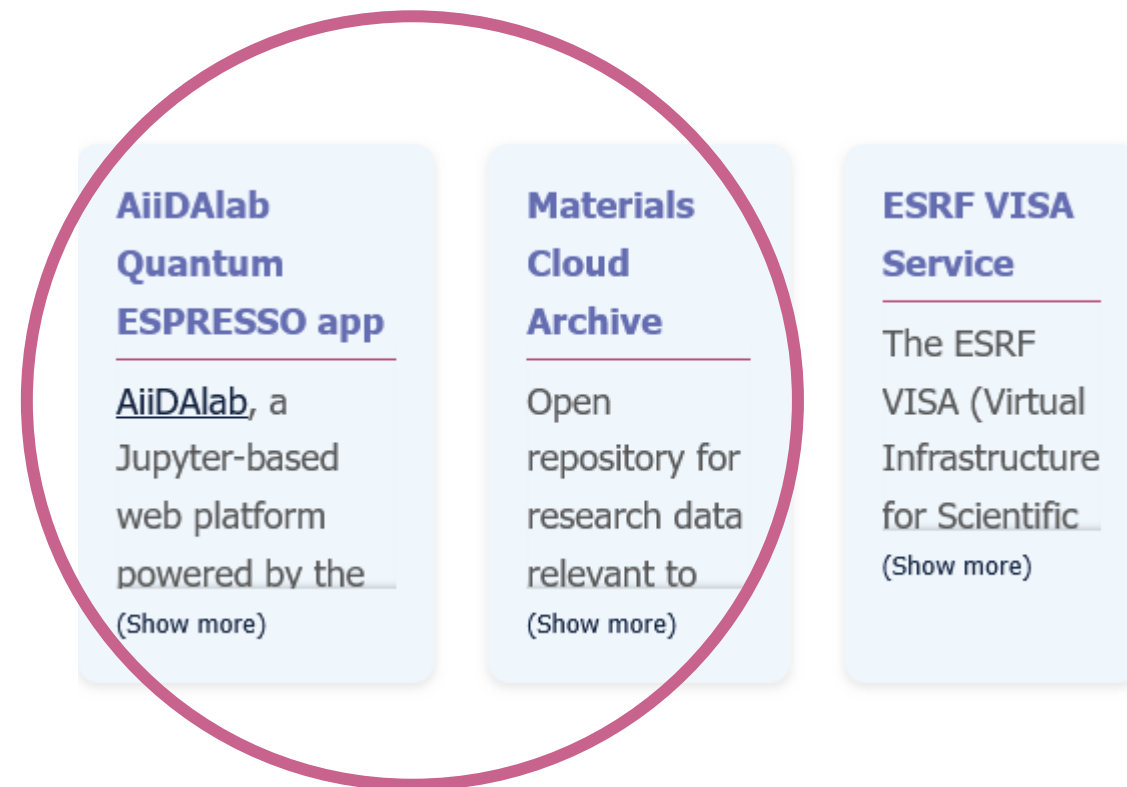
- Motivation
- Legal entity
- Project Charter
- Nominate Five roles
- Sustainable for 2 ideally 5 years
- Service monitoring and management
- Capacity to on-board or federate (not mandatory)
- Compliance with EOSC Federation rules e.g. MoU



Image by [Muhammad Afandi](#) on [Unsplash](#)



- Working on Onboarding Rules for production
- Draft rules:
 - Used by / Useful for the Photon and Neutron community
 - Compatible with the principles of Open Science
 - Well documented, mature (TRL7+),
 - Support provided by owner(s)
 - Supports MyAccessID AAI
 - Policies in place for:
 - Privacy of personal data
 - Rules of participation
 - Cybersecurity, ...



1. EOSC AAI Architecture 2025

1. <https://doi.org/10.5281/zenodo.15388270>

2. Registration of EOSC Research Product Catalogues in the EOSC EU Node

1. <https://doi.org/10.5281/zenodo.15516019>

3. Registration of EOSC Service Catalogues in the EOSC EU Node

1. <https://doi.org/10.5281/zenodo.17513487>

1. Framework Agreement –

- Legally binding version of the MoU

2. Node Registration Policy –

- Node Registration Policy for EU Node

3. Mandatory Federating Capabilities –

- Helpdesk and Service Management in 2026



Photo by Leeloo The First on Pexels

Flashcards

Question 6.1: What are the sustainability requirements for Nodes?

Question 6.2: What official guidelines of the EOOSC Federation exist already?

Further Questions + Discussions on the EOSC Federation User Forum

<https://user-forum.eosc.eu/>



A screenshot of the EOSC Federation User Forum interface. The top left shows the EOSC logo and 'Federation'. Below it is a 'New Topic' button and a 'Topics' menu with options like 'My posts', 'My messages', 'Review', 'Admin', 'Invite', and 'More'. A 'CATEGORIES' list includes 'EOSC Academy', 'EU Projects', 'Federation Nodes', 'Federation Support', 'Research Communities', and 'All categories'. 'CHANNELS' include 'General' and 'Staff'. 'DMS' includes 'Brina'. The main content area shows a welcome message to 'andygotz!' and a list of forum posts with titles, categories, and authors. The posts include: 'EOSC Academy - Online sessions - May/June 2026' (category: EOSC Academy, author: icaetano, 13d), 'EU Node Technical Architecture Specifications' (category: EU Node, author: andygotz, 14d), 'EOSC Federation onboarding of services' (category: General, author: Carlo, 17d), 'EOSC Node Open Source bundles' (category: EU Node, author: andygotz, 19d), 'OSCARS project InViMOD' (category: PaNOSC Node, author: andygotz, 20d), 'Code of Conduct - draft' (category: General, author: andygotz, 25d), 'Admin Guide: Getting Started' (category: Staff, author: system, 25d), and 'Welcome to the EOSC Federation User Forum!' (category: General, author: system, 25d, pinned). A search bar is at the top right, and a 'Pinned' tag is visible on the last post.