

# Benefits of promoting EOSC EU Node services

from the perspective of an NREN

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# Background

- Marketing Communications + Research Engagement
- Seminars, organized by RENAM, at **Moldovan R&E organisations**
- Target audience: **researchers/university staff/students**
- **3 slides (in Romanian):** EOSC EU Node Services

November 14, 2024

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March 24, 2026



# Open Science. Access to the EOSC EU Node Services



## EOSC – European Open Science Cloud

October 22, 2024 – **EOSC EU Node launch** – both a platform and an information gateway helping bring together digital research infrastructure across Europe

At a practical level, the EOSC EU Node allows users to access data and software on the cloud, share tools and files, use collaborative workbooks and virtual machines – **all with simple authentication methods.**



# Open Science. EOSC EU Node services



- ☑ **File Sync & Share (ownCloud)** – enable automatic file syncing and secure sharing across locations and teams;
- ☑ **Interactive Notebooks (JupyterHub)** – create and share documents that include live code in programming languages (e.g., R and Python), mathematical equations, visualisations, and explanatory text;
- ☑ **Large File Transfer (FileSender)** – streamline large file transfers online with added security and integrity;
- ☑ **Virtual Machines (OpenStack)** – researchers are provided compute resources to launch their own Virtual Machines to create isolated environments for experimenting with different configurations, software setups, or algorithms;
- ☑ **Cloud Container Platform (OKD – OpenShift Kubernetes Distribution)** – deploy cloud-native containerised applications that can easily scale;
- ☑ **Bulk Data Transfer (FTS – File Transfer Service)** – simplifies the migration, automation, and monitoring of data transfer workflows while preserving existing client-side configurations for authentication, access, and firewalls at origin.



## EOSC EU Node User Access Policy (version 2.3.3)

defines the access groups, their corresponding access rights, service limits, and virtual credit allocation policies for the users. In particular, the policy outlines:

- **Collaborator** — university staff (**1000** Credits);
- **Investigator** — researchers (**2000** Credits).

*For example,*

***Large File Transfer:** up to 1TB transfer (upload) per month;*

***File Sync & Share:** up to 50GB personal storage space.*

Credits are **virtual**, they have no monetary value.

Credits are replenished to the default allocation every three months (90 days) period.

<https://open-science-cloud.ec.europa.eu/sites/default/files/2026-04/EOSC-EU-Node-User-Access-Policy-v2.3.3.pdf>

# Benefits

- Enhancement of the **end-users' engagement**
- **Useful** 'common baseline' **services** – for any domain
- **eduGAIN value**: extending the national Identity Federation
- available for **European R&E community** (IdPs restricted to EU27 and Horizon Europe Associated Countries)
- **Credits increasing**: check the latest EOSC EU Node User Access Policy (October – November 2025)
- **Open Science** ambassadors (even NRENs without a Member/Observer role in the EOSC Association)
- **Open-source software** support



# Thank you!

Any questions?

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