

Requesting Edge Services within DestinE

Edge Services are DestinE Data Lake cloud computation, storage and data analysis tools that reside close to Big Data stores and High-Performance Computing (HPC) centres. They are installed in five sites, comprising three HPC bridges (LUMI, Marenostrum, Leonardo), the EUMETSAT bridge and the central facility.

Edge Services enable entities such as EU public authorities, universities, research institutes or SMEs to develop applications and further services, along with drawing on a comprehensive pool of products in the DestinE Data Portfolio.

Current Edge Services:



SaaS hosted applications and environments based on Jupyter ecosystem and parallel computing tools for data analysis



FaaS high-level predefined and user-defined functions that can be invoked from applications for DestinE Data Portfolio data retrieval and processing



Compute
IaaS and PaaS cloud compute resources and deployment blueprints for users requiring full control over the virtual infrastructure



Storage
Repository for users' data and processing results

For more info, see the detailed guide in the [DestinE Data Lake documentation](#)



Access to Edge Services is via a request and review process. Follow these steps:

1



Set up a DestinE account

Each user requiring access to Edge Services must have an account on the DestinE Platform

2



Create a profile on My DataLake Services

My DataLake Services enables you to manage projects, project members and system resources

3



Create a new project or access an existing one

Edge Services are accessed from within a project. You can create a new project, or if you are invited to join an existing approved project, you can use the services immediately

4



Add roles to a new project

For a new project, add initial access and quota roles. Additional services can be added later

5



Request access for a new project

Fill out the project form, explaining the scope and expected usage of the required services. Submit the form

6



Approval

Requests are reviewed by a governance board based on eligibility and approval criteria

7



Using Edge services

Once approved, you will be informed by email and can start using your requested Edge Services