



EGI VO

OPERATIONAL LEVEL AGREEMENT

Service Provider	EGI Foundation
Component Provider	CESGA
User	EMSO/vo,emsodev.eu
First day of service delivery	01/11/2016
Last day of service delivery	31/12/2019
Status	FINAL
Agreement finalization date	26/10/2018
SLA Link	https://documents.egi.eu/document/2888



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DOCUMENT LOG

<i>Issue</i>	<i>Date</i>	<i>Comment</i>	<i>Author</i>
FINAL	26/10/2018	OLA agreed with the provider	Małgorzata Krakowian Giuseppe La Rocca
v02	09/01/2019	Extended OLA with the component provider	Giuseppe La Rocca

TERMINOLOGY

The EGI glossary of terms is available at: <https://wiki.egi.eu/wiki/Glossary>

For the purpose of this Agreement, the following terms and definitions apply. 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.

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The present Operational Level Agreement (“the Agreement”) is made between **EGI Foundation (the Service Provider)** and **CESGA (the Component Provider)** to define the provision and support of the provided services as described hereafter. Representatives and contact information are defined in Section 6.

The European project EMSODEV¹ will make it easier to analyse the effects of climate change and pollution in seafloor ecosystems thanks to the optimization of the data flow acquired by marine observatories. The project, funded under Horizon 2020, is conducted by ten European countries under the coordination of the Italian National Institute of Geophysics and Volcanology (INGV).

The User is a consortium represented by the partners of the EMSODEV project (INGV is the coordinator of the project).

This Agreement is valid from **01/11/2016** to **31/12/2019**.

Once approved, **this Agreement is automatically renewed**, as long as the Provider does not expressed decision to terminate the Agreement at least a month before end date of the Agreement.

The Agreement was discussed and approved by the Customer and the Provider **07/11/2016**.

The Agreement extends the Resource Center OLA² with following information:

1 The Services

Possible allocation types:

- Pledged - Resources are exclusively reserved to the Community and the job will be executed immediately after submission.
- Opportunistic - Resources are not exclusively allocated, but subject to local availability.
- Time allocation - Resources are available in fair share-like mode for a fixed time period.

Possible payment mode offer:

- Sponsored - Model where the customer uses services that are funded, or co-funded, by the European Commission or government grants.
- Pay-per-use - Model where customer directly pay for the service used.

The Services are defined by the following properties:

Cloud Compute (category: Compute)

Description: <https://www.egi.eu/services/cloud-compute/>

¹ <http://www.emso-eu.org/>

² <https://documents.egi.eu/document/31>

- Resource Centre: **CESGA (Country: Spain)**
 - Cloud Compute
 - Number of virtual CPU cores: 48
 - Memory per core (GB): 96GB
 - Local disk (GB): 50
 - Public IP addresses: 4
 - Allocation type: Pledged
 - Payment mode offer: Sponsored
 - Other technical requirements:
 - Duration: 01/11/2016 – 31/12/2019
 - Supported VOs: vo.emsodev.eu
 - VO ID card: <https://operations-portal.in2p3.fr/vo/view/voname/vo.emsodev.eu>
 - VO-wide list: <https://vmcaster.appdb.egi.eu/store/vo/vo.emsodev.eu/image.list>

Online Storage (category: Storage)

Description: <https://www.egi.eu/services/online-storage/>

- Resource Centre: **CESGA (Country: Spain)**
 - Online Storage
 - Guaranteed storage capacity [TB]: 1
 - Opportunistic storage capacity [TB]:
 - Standard interfaces supported³: POSIX
 - Storage technology⁴:
 - Other technical requirements: High IOPS (preferably SSD)
 - Duration: 01/11/2016 – 31/12/2019
 - Payment mode offer: Sponsored
 - Allocation type: Pledged
 - Supported VOs: vo.emsodev.eu
 - VO ID card: <https://operations-portal.in2p3.fr/vo/view/voname/vo.emsodev.eu>

2 Service hours and exceptions

As defined in Resource Center OLA.

³ CDMI, POSIX, SWIFT, etc.

⁴ DPM, dCache, STORM, etc.

3 Support

As defined in Resource Center OLA.

3.1 Incident handling

As defined in Resource Center OLA.

3.2 Service requests

As defined in Resource Center OLA.

4 Service level targets

Monthly Availability

- Defined as the ability of a service or service component to fulfil its intended function at a specific time or over a calendar month.
- Minimum (as a percentage per month): 95%

Monthly Reliability

- Defined as the ability of a service or service component to fulfil its intended function at a specific time or over a calendar month, excluding scheduled maintenance periods.
- Minimum (as a percentage per month): 95%

Quality of Support level

- Medium (Section 3)

5 Limitations and constraints

As defined in Resource Center OLA and:

- Availability and Reliability calculations are based on the Service Monitoring operational results.
- Failures in VO monitoring are not considered as the Agreement violations.

6 Communication, reporting and escalation

6.1 General communication

The following contacts will be generally used for communications related to the service in the scope of this Agreement.

EGI Foundation contact	Małgorzata Krakowian sla@mailman.egi.eu SLA Coordinator at EGI Foundation
Provider contact	Carlos Fernandez carlosf@cesga.es
Service Support contact	See Section 3

6.2 Regular reporting

As defined in Resource Center OLA.

6.3 Violations

As defined in Resource Center OLA.

6.4 Escalation and complaints

As defined in Resource Center OLA.

7 Information security and data protection

As defined in Resource Center OLA.

8 Responsibilities

8.1 Of the Provider

As defined in Resource Center OLA.

8.2 Of the Customer

As defined in Resource Center OLA and:

- Support coordination with other Providers;
- Support coordination and conflict resolution with the User;

8.3 Of the User

- All responsibilities of the User are listed in relevant VO SLA.

9 Review, extensions and termination

As defined in Resource Center OLA.