



## EGI VO

# OPERATIONAL LEVEL AGREEMENT

<b>Service Provider</b>	EGI Foundation
<b>Component Provider</b>	IFCA-LCG2
<b>Customer/VO</b>	training.egi.eu
<b>First date of service delivery</b>	01/10/2019
<b>Last day of service delivery</b>	31/12/2021
<b>Status</b>	FINAL
<b>Agreement finalization date</b>	04/10/2019
<b>OLA Link</b>	<a href="https://documents.egi.eu/document/2768">https://documents.egi.eu/document/2768</a>



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## DOCUMENT LOG

<i>Issue</i>	<i>Date</i>	<i>Comment</i>	<i>Author</i>
<b>FINAL</b>	04/10/2019	Final version of OLA	Małgorzata Krakowian Giuseppe La Rocca
<b>v0.2</b>	20/10/2020	Extended agreement with the provider till 12/2021	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 **IFCA-LCG2 (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 training infrastructure is hosted as a dedicated resource pool, a Virtual Organisation (VO), on the EGI Federated Cloud infrastructure. The infrastructure provides resources and services for face-to-face events, online training courses (Webinars, MOOCs) or self-paced learning modules.

This Agreement is valid from **04/10/2019** to **31/12/2021**.

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

The Agreement was discussed and approved by the Customer and the Provider on **04/10/2019**.

The Agreement extends the Resource Center OLA<sup>1</sup> with the 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-for-use** - Model where customers directly pay for the service used.

The Services are defined by the following properties:

### Cloud Compute (category: Compute)

An ‘Infrastructure as a Service’ cloud environment that is offered by EGI Resource Centres to provide on-demand compute to run any kind of workload on virtual machines.

- Resource Center: **IFCA-LCG2 (Country: Spain)**
  - Cloud Compute
    - Number of Virtual CPU cores: 20
    - Memory per core (GB): 50 GB in total
    - Local disk (GB):

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<sup>1</sup> <https://documents.egi.eu/document/31>

- Access type: Time allocation – training duration
    - Payment model: Sponsored
    - Other technical requirements: 1 public IP address is available. Additional IPs can be provided, upon request, for specific training events.
    - Duration: 04/10/2019 - 31/12/2021
  - Provider AUP link: <https://documents.egi.eu/document/2623>
  - VO ID card: <https://operations-portal.egi.eu/vo/view/voname/training.egi.eu>
  - VO-wide list: <https://vmcaster.appdb.egi.eu/store/vo/training.egi.eu/image.list>
  - Supported VOs: training.egi.eu
  - GOCDB entry: [api.cloud.ifca.es](https://api.cloud.ifca.es) ([org.openstack.nova](https://org.openstack.nova))
- Online Storage: IFCA-LCG2 (**Country: Spain**)
    - Block Storage
      - Guaranteed storage capacity (TB):
      - Opportunistic storage capacity (TB): 1
      - Standard interfaces supported<sup>2</sup>: POSIX
      - Storage technology<sup>3</sup>: Not specified
      - Other technical requirements:
      - Access type: Time allocation – training duration
      - Payment model: Sponsored
      - Duration: 04/10/2019 - 31/12/2021
    - Provider AUP link: <https://documents.egi.eu/document/2623>
    - VO ID card: <https://operations-portal.egi.eu/vo/view/voname/training.egi.eu>
    - Supported VOs: training.egi.eu
    - GOCDB entry: N/A

## 2 Service hours and exceptions

Service is provided to support trainings taking place during face-to-face events, online training courses (Webinars, MOOCs) or self-paced learning modules.

## 3 Support

As defined in Resource Center OLA and [egi-training-infrastructure@mailman.egi.eu](mailto:egi-training-infrastructure@mailman.egi.eu)

### 3.1 Incident handling

As defined in Resource Center OLA.

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<sup>2</sup> CDMI, POSIX, SWIFT, etc

<sup>3</sup> DPM, dCache, STORM, etc.

## 3.2 Service requests

As defined in Resource Center OLA and:

Service request is distributed to [egi-training-infrastructure@mailman.egi.eu](mailto:egi-training-infrastructure@mailman.egi.eu)

## 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): 85%

### 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): 90%

## 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.

<b>Customer contact for the Provider</b>	Giuseppe La Rocca <a href="mailto:sla@mailman.egi.eu">sla@mailman.egi.eu</a> SLA Coordinator at EGI.eu
<b>Provider contact for the Customer</b>	Alvaro Lopez <a href="mailto:aloga@ifca.unican.es">aloga@ifca.unican.es</a>
<b>Service Support contact</b>	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;

# 9 Review, extensions and termination

As defined in Resource Center OLA.