

**EGI VO**

**OPERATIONAL LEVEL AGREEMENT**

|  |  |
| --- | --- |
| **Service Provider** | EGI Foundation |
| **Component Provider** | **[provider name]** |
| **Customer** | **[User community]/[VO name]** |
| **First day of service delivery** | [start date] |
| **Last day of service delivery** | [end date] |
| **Status** | [Draft/Final] |
| **Agreement finalization date** | [date of final agreement] |
| **SLA Link** | [link to grant in e-grant] |

**DOCUMENT LOG**

|  |  |  |  |
| --- | --- | --- | --- |
| ***Issue*** | ***Date*** | ***Comment*** | ***Author*** |
|  |  |  |  |

**TERMINOLOGY**

The EGI glossary of terms is available at: [https://wiki.egi.eu/wiki/Glossary](https://wiki.egi.eu/wiki/Glossary%20)

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.

**Contents**

[1 The Services 4](#_heading=h.30j0zll)

[2 Service hours and exceptions 6](#_heading=h.1fob9te)

[3 Support 6](#_heading=h.3znysh7)

[3.1 Incident handling 6](#_heading=h.tyjcwt)

[3.2 Service requests 7](#_heading=h.3dy6vkm)

[4 Service level targets 7](#_heading=h.4d34og8)

[5 Limitations and constraints 7](#_heading=h.2s8eyo1)

[6 Communication, reporting and escalation 7](#_heading=h.17dp8vu)

[6.1 General communication 7](#_heading=h.3rdcrjn)

[6.2 Regular reporting 8](#_heading=h.26in1rg)

[6.3 Violations 8](#_heading=h.35nkun2)

[6.4 Escalation and complaints 8](#_heading=h.44sinio)

[7 Information security and data protection 8](#_heading=h.2jxsxqh)

[8 Responsibilities 8](#_heading=h.3j2qqm3)

[8.1 Of the Component Provider 8](#_heading=h.1y810tw)

[8.2 Of EGI Foundation 8](#_heading=h.2xcytpi)

[8.3 Of the Customer 8](#_heading=h.1ci93xb)

[9 Review, extensions and termination 9](#_heading=h.3whwml4)

The present Operational Level Agreement (“the Agreement’) is made between **EGI Foundation (the Service Provider)** and **[provider name] (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.

**[User Community short description]**

The Customer is a consortium represented by the **[Institute]**

This Agreement is valid from **[start date]** to **[end date]**.

Once approved, **this Agreement is automatically renewed**, as long as the Component 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 EGI Foundation and the Component Provider **[date]**.

The Agreement extends the Resource Center OLA[[1]](#footnote-1) with following information:

# 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/>

* Resource Centre:
  + Cloud Compute
    - Number of virtual CPU cores:
    - Memory per core (GB):
    - Local disk (GB):
    - Public IP addresses:
    - Payment mode offer: Sponsored
    - Other technical requirements:
    - Duration:
  + Allocation type:
  + Provider AUP link:
  + Supported VOs:
  + VO ID card:
  + VO-wide list:

**Cloud Container Compute (category: Compute)**

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

* Resource Centre:
  + Cloud Compute
    - Number of virtual CPU cores:
    - Memory per core (GB):
    - Local disk (GB):
    - Public IP addresses:
    - Payment mode offer: Sponsored
    - Other technical requirements:
    - Duration:
  + Allocation type:
  + Provider AUP link:
  + Supported VOs:
  + VO ID card:
  + VO-wide list:

**High-Throughput Compute** **(category: Compute)**

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

* Resource Center:
  + High-Throughput Compute
    - Guaranteed computing time [HEPSPEC-hours]:
    - Opportunistic computing time [HEPSPEC-hours]:
    - Max job duration [hours]:
    - Min local storage [GB] (scratch space per each core used by the job):
    - Max number of cores per node:
    - Min physical memory per core [GB]:
    - Middleware:
    - Other technical requirements:
    - Duration:
    - Payment ode offer: Sponsored
  + Allocation type:
  + Provider AUP link:
  + Supported VOs:
  + VO ID card:

**Online Storage (category: Storage)**

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

* Resource Center:
  + Online Storage
    - Guaranteed storage capacity [TB]:
    - Opportunistic storage capacity [TB]:
    - Standard interfaces supported[[2]](#footnote-2):
    - Storage technology[[3]](#footnote-3):
    - Other technical requirements:
    - Duration:
    - Payment ode offer: Sponsored
  + Allocation type:
  + Provider AUP link:
  + Supported VOs:
  + VO ID card:

**Notebooks (category: Applications)**

Description: <https://www.egi.eu/services/notebooks/>

* Component Provider:
  + Notebooks
    - Number of users:
    - Cores per user:
    - Memory per user (GB):
    - Storage per user (GB):
    - Allocation type:
    - Payment mode offer: Sponsored
    - Other technical requirements:
    - Duration:
    - Supported VOs:

# Service hours and exceptions

As defined in Resource Center OLA.

# Support

As defined in Resource Center OLA.

## Incident handling

As defined in Resource Center OLA.

## Service requests

As defined in Resource Center OLA.

# 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): XX%

**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): XX%

**Quality of Support level**

* Medium (Section 3)

# 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.

# Communication, reporting and escalation

## 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](mailto:sla@mailman.egi.eu)  SLA Coordinator at EGI Foundation |
| **EGI technical contact** | Matthew Viljoen  [operations@egi.eu](mailto:operations@egi.eu)  Operations manager at EGI Foundation |
| **Component Provider contact** | [name]  [email]  [title] |
| **Component Provider technical contact** | [name]  [email]  [title] |
| **Service Support contact** | See Section 3 |

## Regular reporting

As defined in Resource Center OLA.

## Violations

As defined in Resource Center OLA.

## Escalation and complaints

As defined in Resource Center OLA.

# Information security and data protection

As defined in Resource Center OLA.

# Responsibilities

## Of the Component Provider

As defined in Resource Center OLA.

## Of EGI Foundation

As defined in Resource Center OLA and:

* Support coordination with other Component Providers;
* Support coordination and conflict resolution with the User;

## Of the Customer

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

# Review, extensions and termination

As defined in Resource Center OLA.

1. <https://documents.egi.eu/document/31> [↑](#footnote-ref-1)
2. CDMI, POSIX, SWIFT, etc. [↑](#footnote-ref-2)
3. DPM, dCache, STORM, etc. [↑](#footnote-ref-3)