



## EGI VO

# OPERATIONAL LEVEL AGREEMENT

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<b>Customer</b>	EGI Foundation
<b>Provider</b>	CESNET-MCC
<b>User</b>	WeNMR/vo:enmr.eu
<b>First day of service delivery</b>	01/01/2016
<b>Last day of service delivery</b>	31/12/2020
<b>Status</b>	FINAL
<b>Agreement finalization date</b>	11/03/2016
<b>SLA Link</b>	<a href="https://documents.egi.eu/document/2751">https://documents.egi.eu/document/2751</a>

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## DOCUMENT LOG

<i>Issue</i>	<i>Date</i>	<i>Comment</i>	<i>Author</i>
<b>FINAL</b>	11/03/2016	OLA signed with providers	Małgorzata Krakowian Giuseppe La Rocca
<b>v2</b>	13/12/2017	Updated OLA until 12/2020	Giuseppe La Rocca
<b>v3</b>	24/07/2019	change name of the provider from CESNET-MetaCloud to CESNET-MCC	Małgorzata Krakowian
<b>v4</b>	25/07/2019	Change user name from Mobrain to WeNMR	Małgorzata Krakowian
<b>v5</b>	27/03/2020	Extended pledged resources for supporting COVID-19 research activities	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 Customer)** and **CESNET-MCC (the Provider)** to define the provision and support of the provided services as described hereafter. Representatives and contact information are defined in Section 6.

The main objective of WeNMR is to lower barriers for scientists to access modern e-Science solutions from micro to macro scales. By building on grid- and cloud-based infrastructures and on the existing expertise available within WeNMR<sup>1</sup> and N4U<sup>2</sup> and by integrating molecular structural biology and medical imaging services and data.

The User is a consortium represented by the **Faculty of Science – Chemistry, Utrecht University**.

This Agreement is valid from **01/01/2016** to **31/12/2020**.

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 **11/03/2016**.

The Agreement extends the Resource Center OLA<sup>3</sup> 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 the customer directly pays 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: **CESNET-MCC (Country: Czech Republic)**
    - Number of virtual CPU cores: up to 124
    - Memory per core (GB): up to 700 in total

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<sup>1</sup> [www.wenmr.eu](http://www.wenmr.eu)

<sup>2</sup> [neugrid4you.eu](http://neugrid4you.eu)

<sup>3</sup> <https://documents.egi.eu/document/31>

- Local disk (GB): 4TB
- Public IP addresses: yes (up to 10, more available upon request)
- Payment mode offer: sponsored
- Other technical requirements:
- Duration: 01/01/2016 – 31/12/2020
- Allocation type: pledged
- Supported VOs: enmr.eu
- Provider AUP link: <https://documents.egi.eu/document/2623>
- VO ID card: <https://operations-portal.in2p3.fr/vo/view/voname/enmr.eu>
- VO-wide list: <https://vmcaster.appdb.egi.eu/store/vo/enmr.eu/image.list>
- GOCDB endpoint urls: identity.cloud.muni.cz (org.openstack.nova)

### Online Storage (category: Storage)

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

- Resource Center: **CESNET-MCC (Country: Czech Republic)**
  - Online Storage
    - Guaranteed storage capacity [TB]:
    - Opportunistic storage capacity [TB]: 2TB
    - Standard interfaces supported<sup>4</sup>: POSIX
    - Storage technology<sup>5</sup>:
    - Payment mode offer: sponsored
    - Other technical requirements:
    - Duration: 01/01/2016 – 31/12/2020
  - Allocation type: pledged
  - Supported VOs: enmr.eu
  - Provider AUP link: <https://documents.egi.eu/document/2623>
  - VO ID card: <https://operations-portal.in2p3.fr/vo/view/voname/enmr.eu>
  - VO-wide list: <https://vmcaster.appdb.egi.eu/store/vo/enmr.eu/image.list>
  - GOCDB endpoint urls: N/A

## 2 Service hours and exceptions

As defined in Resource Center OLA.

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<sup>4</sup> CDMI, POSIX, SWIFT, etc.

<sup>5</sup> 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): 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%

### 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.

<b>EGI Foundation contact</b>	Małgorzata Krakowian <a href="mailto:sla@mailman.egi.eu">sla@mailman.egi.eu</a> SLA Coordinator at EGI Foundation
<b>Provider contact</b>	Miroslav Ruda <a href="mailto:miroslav.ruda@cesnet.cz">miroslav.ruda@cesnet.cz</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;

## 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.