



EGI VO

OPERATIONAL LEVEL AGREEMENT

Customer	EGI Foundation
Provider	RECAS-BARI
User	DARIAH/vo.dariah.eu
First day of service delivery	01/04/2016
Last day of service delivery	31/12/2018
Status	FINAL
Agreement finalization date	29/03/2016
SLA Link	https://documents.egi.eu/document/2788



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DOCUMENT LOG

<i>Issue</i>	<i>Date</i>	<i>Comment</i>	<i>Author</i>
FINAL	31/03/2016	OLA agreed with the provider	Małgorzata Krakowian Giuseppe La Rocca
v2.0	17/05/2018	Extension of the agreement till 31/12/2018	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 **RECAS-BARI (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 DARIAH Thematic Service aims to provide a wider and more efficient access to, and use of, research e-Infrastructure at European level, including transnational access, joint research, networking and digital services for user coming from areas of Arts and Humanities, represented by the DARIAH-EU¹.

The Customer is a consortium represented by the **Ruđer Bošković Institute - Center for Informatics and Computing Science (RBI)**.

This Agreement is valid from **01/04/2016** to **31/12/2018**.

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 **29/03/2016**.

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)

¹ <https://www.dariah.eu/>

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

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

- Resource Centre: **RECAS-BARI (Country: Italy)**
 - Cloud Compute: 24 vCPU cores in total
 - Cloud Compute for the DARIAH portal
 - Number of virtual CPU cores: 4
 - Cloud Compute for the orchestrator, IAM and FutureGateway
 - Number of virtual CPU cores: 8
 - Cloud Compute for the mesos cluster
 - Number of virtual CPU cores: 12
 - Memory per core (GB): 40 GB in total
 - Memory for the DARIAH portal: 2GB per core, 8GB in total
 - Memory for the orchestrator, IAM and FutureGateway: 2GB per core, 16GB in total
 - Memory for the mesos cluster: 16GB in total
 - Local disk (GB):
 - Public IP addresses: 3
 - Allocation type: Pledged
 - Payment mode offer: Sponsored
 - Other technical requirements:
 - Duration: 01/04/2016 – 31/12/2018
 - Supported VOs: vo.dariah.eu
 - VO ID card: <https://operations-portal.in2p3.fr/vo/view/voname/vo.dariah.eu>
 - VO-wide list: <https://vmcaster.appdb.egi.eu/store/vo/vo.dariah.eu/image.list>

Online Storage (category: Storage)

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

- Resource Center: **RECAS-BARI (Country: Italy)**
 - Block Storage: 6.5TB in total
 - Guaranteed block storage for the DARIAH portal: 0.2TB
 - Guaranteed block storage for the orchestrator, IAM and FutureGateway: 0.3TB
 - Guaranteed block storage for the mesos cluster: 0.5TB per core, 6TB in total
 - Opportunistic storage capacity [TB]:
 - Standard interfaces supported³:
 - Storage technology⁴:
 - Other technical requirements:

³ CDMI, POSIX, SWIFT, etc.

⁴ DPM, dCache, STORM, etc.

- Duration: 01/04/2016 – 31/12/2018
- Payment mode offer: Sponsored
- Allocation type: Pledged
- Supported VOs: vo.dariah.eu
- VO ID card: <https://operations-portal.in2p3.fr/vo/view/voname/vo.dariah.eu>

2 Service hours and exceptions

As defined in Resource Center OLA.

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): 90%

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	Giacinto Donvito giacinto.donvito@ba.infn.it
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.