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@EGI_eInfra

Operations Portal

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The work of the EGI Foundation
*is partly funded by the European Commission
under H2020 Framework Programme*

- **Introduction**
- **On-going and recent work**
 - Vo ID cards
 - SOMBO
 - EOSC Metrics
 - API
- **Future work**

The logo for the Operation Portal consists of a circular arrangement of ten colored segments (green, teal, blue, light blue, yellow, orange, red) surrounding the word 'OPERATION PORTAL' in a bold, black, sans-serif font.

OPERATION PORTAL

- The Operations Portal is the central portal for operations management of the EGI federated infrastructure.
- The Operations Portal provides tools supporting the daily running of operations of the EGI e-infrastructure: Infrastructure oversight, security operations, VO management, broadcast, metrics ...
- Url : <https://operations-portal.egi.eu>
- Support : cic-information@cc.in2p3.fr
- Hosted at IN2P3 Computing Center, Villeurbanne, France
- Operational since October 2004, under Apache 2 License

The VO ID Card

- records the life cycle of a given VO
- gives general information about the VO : homepage, description ...
- gives administrative information : contacts, mailing lists ...
- gives information about core services of the VO

This feature is an historical feature of the Operations Portal and it was necessary to make a refactoring job around this feature .

Done ✓

- new ergonomics
- simplification of the workflow for users : mandatory sections are the 3d first sections then you can skip all the rest to register your VO
- removal of useless fields, add new one (evolution of the procedures)
- integration of new registries : CoManage and any external registry (different from VOMS or Perun)

Next steps :

- Fix remaining bugs linked with registration
- Replace current use of xml feed by the use of API

New VO registration

For any support : operations@egi.eu

1 General Information

2 Disciplines

3 VO Manager

4 Registry Info

5 Acknowledgement statement

6 Resources

General information

Name * [i](#)

Homepage url * [i](#)

VO Managers (mailing list) * [i](#)

Security (mailing list, multiple) * [i](#)

VO Users (mailing list) * [i](#)

User Support (mailing list) [i](#)

Support procedure url [i](#)

Enrollment url [i](#)

Description * [i](#)

Acceptable use policy management [i](#)

Aup type * [i](#)

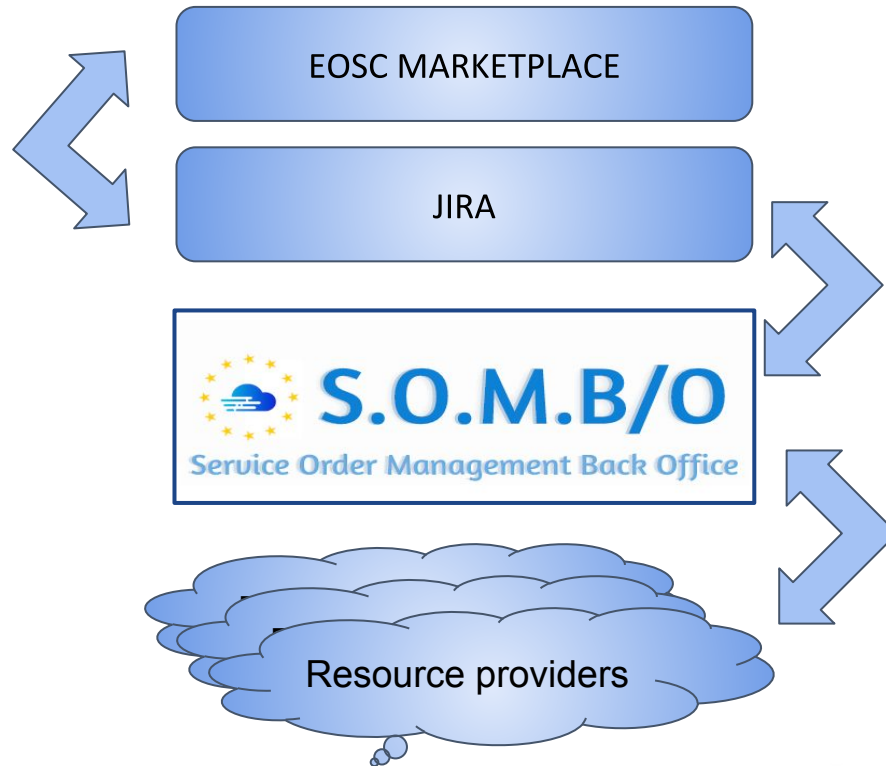
Aup text *

This Acceptable Use Policy applies to all members of [VoName] Virtual Organisation, hereafter referred to as the [VoName], with reference to use of the EGI Infrastructure. The [owner body] owns and gives authority to this policy. Goal and description of the [VoName] VO

Save

- This tool is the link between Marketplace, service providers, service requesters and shifters/operators.
 - Facilitate the daily work of shifter
 - Improve the communication between all parties
 - Facilitate the negotiation, sign and update of SLA/OLA
- Monitor the service delivery
- Facilitate the collection of statistics for reporting

SOMBO : architecture



- List of all service orders per status (on-going , accepted , rejected) , dashboard for Operators/shifters
- Access to the details of the service orders : possibility to update some fields and to exchange comments with user requesting resources
- Manage service orders : assign a service order to different resource providers and negotiate with these providers (exchange of information, validation or rejection of the resource request)
- Generate OLAs and SLA documents for EGI cases
- Exchange comments , feedback with the requestor
- Add internal comment/note between operators/shifters

▼ Pending orders **100**

Refresh

Show 5 entries

Select a service

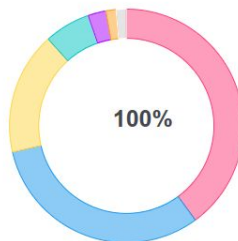
Search:

id	service	status	created	updated	assignee	Project			Actions
						Project Summary	CI-DisplayName	Project status	
EOSCSOPR-717	B2ACCESS	Waiting for respond	2020-06-23T16:33	2020-10-27T17:11	Operations Portal	Project, Agnieszka Pulapa, Kopytko	Agnieszka Pulapa	Active	Actions
EOSCSOPR-744	EGI Cloud compute	New	2020-10-22T12:15	2020-10-22T12:16	Unassigned	Project, Agnieszka Pulapa, Agnieszka Pulapa	Agnieszka Pulapa	Active	Actions
EOSCSOPR-736	EGI Cloud compute	New	2020-10-16T12:34	2020-10-16T12:34	Unassigned	Project, Agnieszka Pulapa, Xx	Agnieszka Pulapa	Active	Actions
EOSCSOPR-732	CSC ePouta	New	2020-10-15T14:20	2020-10-15T14:20	Unassigned	Project, Minina Minina, bb	Minina Minina	Active	Actions
EOSCSOPR-729	EGI Cloud compute	New	2020-10-15T11:01	2020-10-15T11:02	Unassigned	Project, Minina Minina, Lidia	Minina Minina	Active	Actions

Showing 1 to 5 of 100 entries

Previous 1 2 3 4 5 ... 20 Next

▼ Orphan Projects **144**



- 113 Ready
- 89 New
- 48 Approved
- 18 Closed
- 7 In progress
- 4 Waiting for respond
- 4 Rejected

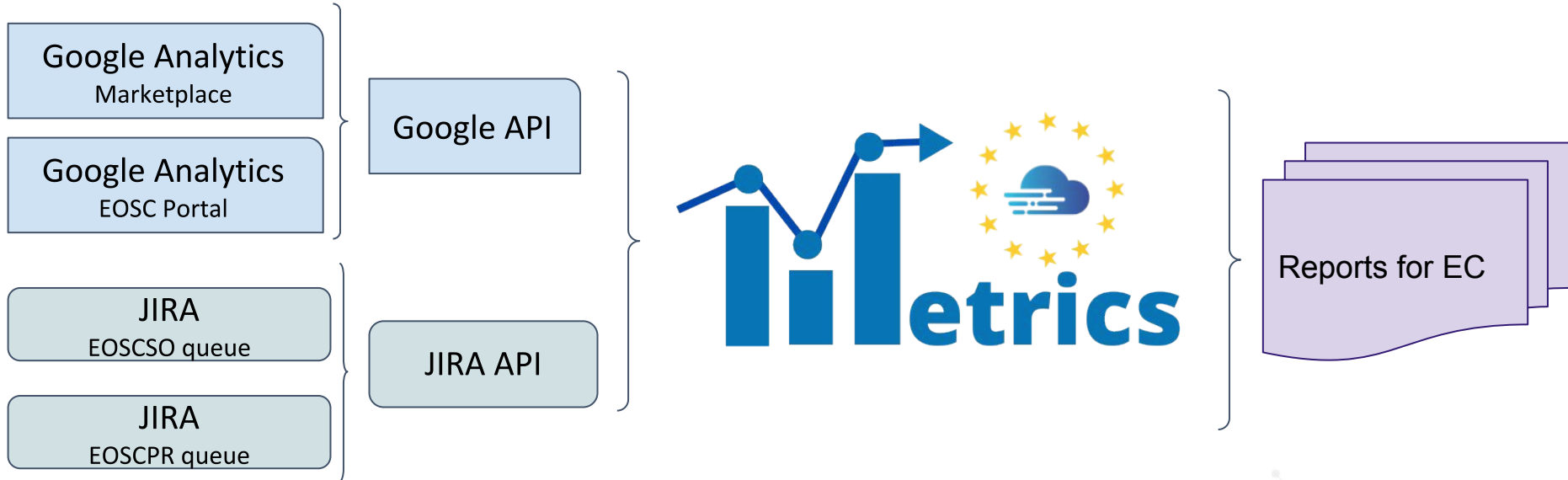
Access type : opportunistic
Start date : 07/10/2020
End date : 08/10/2020
Service Area : Processing & Analysis
ServiceOption : EGI Cloud compute
Service : General purpose

Generic provider :
Email : support@egi.eu,
Site : <https://www.egi.eu/services/cloud-compute/>

Request	Value	Total
Number of CPU Cores	1	200.0%
Amount of RAM per CPU core	1	200.0%
Local disk	10	10.0%
Number of VM instances	1	200.0%
Start of service	10/07/2020	

[+ Add provider](#)
[✉ Contact provider](#)
[📄 Generate OLA/SLA](#)

Id	Resource center	Contact	Resources Type	Start	End	Ava	Rel	Validation	Action
1158	TC-Access	grr@egi.eu	Number of CPU Cores : 2 Amount of RAM per CPU core : 0 Local disk : 1 Number of VM instances : 1	07/10/2020	08/10/2020	90%	95%	validated by Cyril Lorphelin 2020-10-27 10:39:07	🔄 ✖ Delete 📄 Edit
1164	ROC_Canada_SERVICES	rod@egi.eu	Number of CPU Cores : 0 Amount of RAM per CPU core : 2	07/10/2020	08/10/2020	90%	95%	waiting for validation	🔄 ✖ Delete 📄 Edit



[EC REPORT](#)
[EOSC SERVICE ORDER](#)
[EOSC SERVICE PROVIDER](#)
[Reports](#)
[Google Analytics Details](#)

EOSC Portal Metrics

Service and providers

269	Number of services in the EOSC Marketplace	Total number at the report time
121	Number of request from providers about new service	Total number of services providers published during the period

Visitors and views

2,372	Number of visitors of EOSC Portal	average/month
7,853	Number of page views for EOSC Portal	average/month
6,246	Number of unique page views for EOSC Portal	average/month
Top 10	EOSC Portal Visitors / country	List of countries
	Italy Germany Belgium France Spain Netherlands United Kingdom United States Ukraine Greece	

Context

- different urls of the operations Portal are used programmatically
 - without harmonization
 - without control (http access)
 - without a central place referring all these urls

Solution

- Replace all these urls by API calls
 - concentrated in one place
 - with a token access policy (requires a validation)
 - with documentation

Operations Portal API ^{1.0}

[Base URL: <https://opsportal/api>]

[/api/opsPortalAPI.json](#)

You are logged in the Operations Portal. Your account does not have a valid API token, you must click on the **Ask for a token** button, or use a valid token from another account. If you already have a valid token, click on the **Authorize** button on the right, and set your token's value. Then you can use the interface below to request the API.

[Terms of service](#)

[Contact the developer](#)

[Apache 2.0](#)

[Find out more about Swagger](#)

Schemes


HTTPS


Ask for a token


Authorize 

token Everything about token management for API users. This domain is restricted to site administrators.

Find out more 

POST `/token/user/{userId}/{_format}` Creates token for a given User 

PUT `/token/user/{userId}/{_format}` Modifies token for a given User 

DELETE `/token/user/{userId}/{_format}` Revokes token for a given User 

lavoisier Manages Lavoisier calls from API 

GET `/lavoisier/{view}/{operation}/{_format}` Fetches a lavoisier view with given operation and format. 

VO Manages VO related calls from API 

GET `/vo/aup/{voName}/{_format}` Fetches for a given VO name and format the Acceptable Use Policy (AUP). 

VO ID CARD

- Fix last bugs and replace existing urls for xml feed by API urls

EOSC METRICS

- Validate metrics with the existing reports

API

- Add new methods and related documentation

SOMBO

- Complete the current features (feedback from shifters)
- Add a resource provider dashboard
- Add reports about service usages (monitoring and accounting)



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Thank you for your attention.
Questions?



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The work of the EGI Foundation
*is partly funded by the European Commission
under H2020 Framework Programme*