



Marketplace User Manual

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TERMINOLOGY

The EGI glossary of terms is available at: <https://wiki.egi.eu/wiki/Glossary>

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1 Introduction

The EGI Marketplace has the ambition of becoming the platform where an ecosystem of EGI-related services, delivered by EGI providers and partners, can be promoted, discovered, shared, ordered and accessed, including EGI offered services as well as discipline and community-specific tools and services enabled by EGI and/or provided by third parties under defined agreements.

2 Discover services and submit orders through the EGI Marketplace

This section depicts how a customer can access the EGI Marketplace, login, discover services, select service options and related attributes, and submit orders with illustrative screenshots.

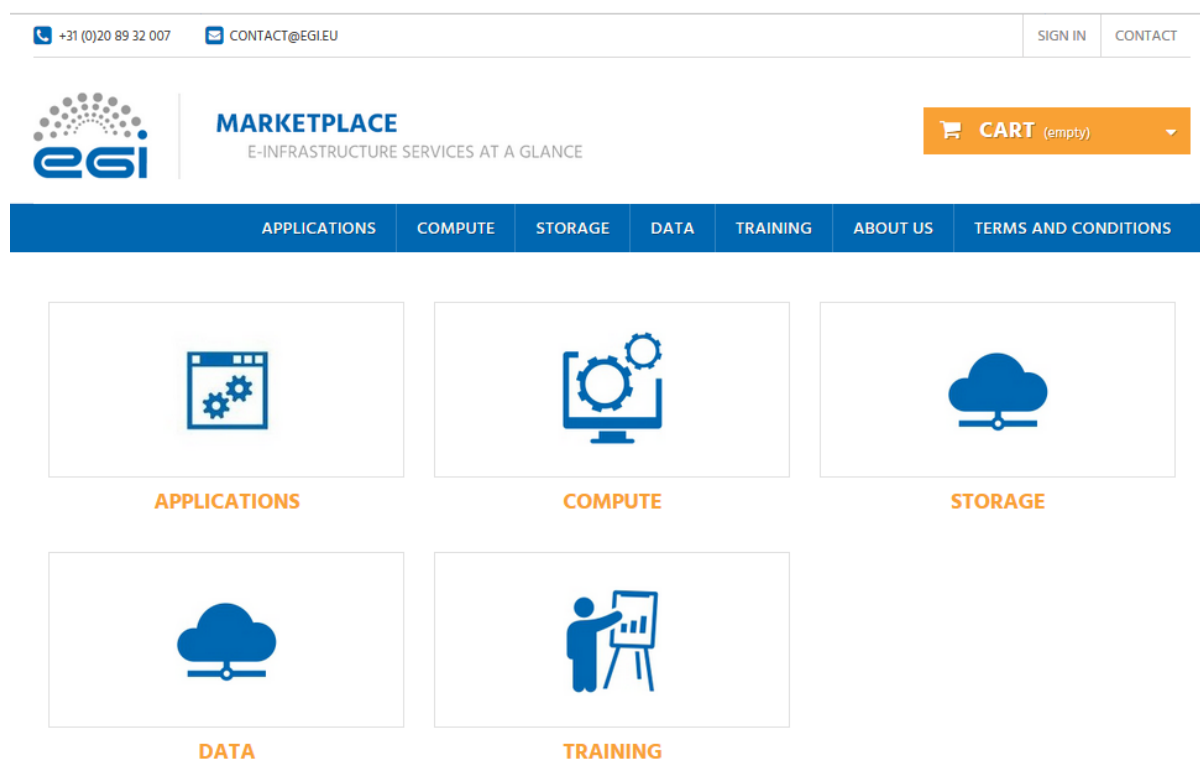


Figure 1. Home page of the EGI Marketplace

1. After the customer lands on the EGI Marketplace, he/she can easily discover services navigating on the service tree from the homepage.
2. The customer can log in from each page of the Marketplace. During the first login, he/she is requested to register. Part of the customer information is collected by the CheckIn service, see grey fields in Figure 2, the other attributes are manually provided by the same customer through the following form.

YOUR ACCOUNT DETAILS

*Required field

FIRST NAME *

Diego

LAST NAME *

Scardaci

EGI UNIQUE IDENTIFIER *

8928610e52953cc132912e007a62a59695cd

COUNTRY *

Italy

INSTITUTION *

EGI Foundation

DEPARTMENT *

UCST

DEPARTMENTAL WEB PAGE

LINKEDIN PROFILE

RESEARCHGATE PROFILE

SUPERVISOR NAME

test

SUPERVISOR PROFILE

Figure 2. Form to gather the user profile. Fields in grey are filled in with values retrieved by the EGI CheckIn service and cannot be modified.

3. When the customer selects a service category, a new view showing all the services under the category is shown. Figure 3 shows the view for the Compute service category. Now, the customer can then select the service he/she wants to order.

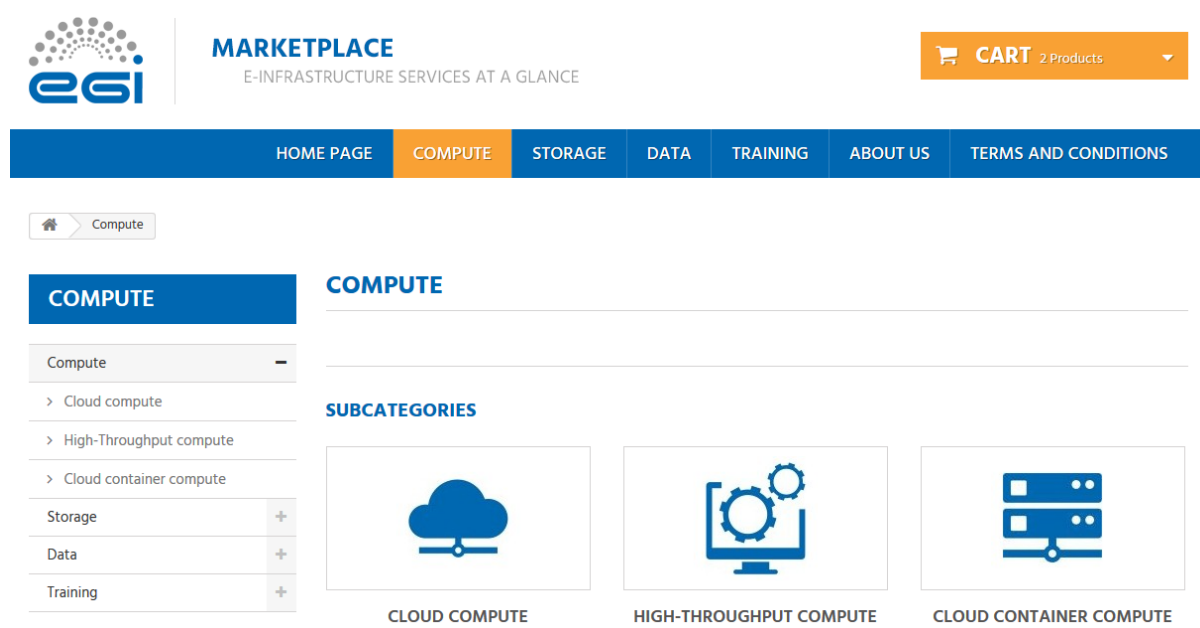


Figure 3. Service category view - Compute

4. After the selection of a service, the customer is redirected to the service page that provides:
- A short description of the service.
 - Links to the terms of use, the default SLA and to a more detailed description.
 - All the available service options.

Figure 4 and Figure 5 show relevant parts of the Cloud Compute service page. As an example, two options for the Cloud Compute service, Compute-intensive instance and High-memory instance, are shown.

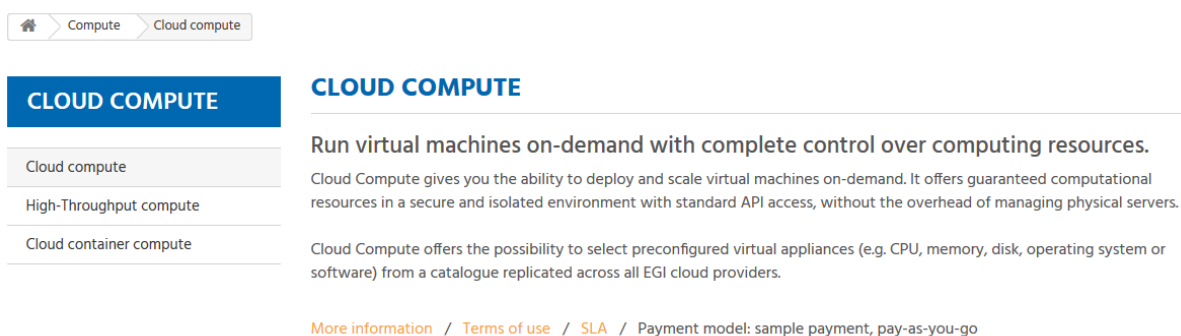



Figure 4. Service view - Cloud Compute



Compute-intensive instance

Optimised instance for computing tasks.

Features:


- High performance CPU cores
- Until 64 CPU cores
- Real CPU cores (non- overcommitted)
- Low latency network
- Reserved instances

Ideal for:

- Batch computing
- High-performance applications and web services
- Distributed analysis
- Video encoding

[Request access](#)

[+ Add to Compare](#)



High-memory instance

Optimised instances for tasks that require more memory relative to virtual CPUs.

Features:

- High amount of RAM per CPU core.
- Up to 240 GB of RAM in total.
- Reserved instances

Ideal for:


- Running in-memory database
- Running in-memory stores (e.g. redis, memcached)
- In-memory big data processing engines (e.g. Apache Spark).

[Request access](#)

[+ Add to Compare](#)

Figure 5. Example of service options - Cloud Compute

5. Selecting a service option forwards the customer to a view that allows the customisation of the service option according to his/her requirements via the definition of additional attributes (see the data model in **Error! Reference source not found.**). In addition, the customer can decide to add the option to the Cart to submit an order later. As example, see Figure 6 that shows the page for the Compute-Intensive Instance option of the Cloud Compute service.
6. The customer can repeat this operation for all the services he/she wants to order.



Compute-intensive instance

Optimised instance for computing tasks.

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- Until 64 CPU cores
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Ideal for:

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[View larger](#)

NUMBER OF CPU CORES

8 ?

AMOUNT OF RAM PER CPU CORE (GB)

2 GB ?

LOCAL DISK (GB)

10 GB ?

NUMBER OF VM INSTANCES

1 ?

NUMBER OF DAYS

1 ?

ADDITIONAL INFORMATION

START OF SERVICE *

[ADD TO CART](#)

Figure 6. View to order a service. Compute-Intensive Instance in Cloud Compute service

7. After the customer has added to the cart all the services he/she wants to order, the Check-Out process can be started by going to the cart. The cart lists all the services and the related options selected, see Figure 7.

SHOPPING-CART SUMMARY

Your shopping cart contains: 2 products





Product	Description	Unit price			Total
	Compute-intensive instance Customization : Number of CPU cores: 8 Amount of RAM per CPU core (GB): 2 GB Local disk (GB): 10 GB Number of VM instances: 3 Number of days: 205 Price: Load this customization				
	Block storage Customization : Storage capacity (TB): 10 Days: 205 Price: Load this customization				
		Total products			
		TOTAL			

Figure 7. List of selected service options in the Cart

In the cart, the customer is asked to provide some additional information that allows the profiling of the service order, see Figure 8.

The order can only be submitted after the acceptance of the terms of service.

2 ADDITIONAL SERVICE OPTIONS

CUSTOMER TYPOLOGY *

representing a research community/project ▾

REASON TO REQUEST ACCESS TO THE EGI SERVICES *

e-Science project

USER GROUP NAME

escience

INFORMATION ON THE PROJECT

bla bla bla bla
bla bla bla

LEAVE A MESSAGE

If you would like to add a comment about your order, please write it in the field below.

☒ I AGREE TO THE TERMS OF SERVICE AND WILL ADHERE TO THEM UNCONDITIONALLY. ([Read the Terms of Service](#))

3 CHECKOUT

I confirm my order.

Figure 8. Service order profiling in the cart

- After the service order is submitted, the customer will be notified by e-mail and could check the status of his/her order through the customer dashboard.

3 Monitor Service Orders in the Marketplace

After a service order is submitted, a customer needs to be kept informed about its status. For this aim, a customer dashboard is available in the Marketplace. Customers can reach the dashboard clicking on the “USER DASHBOARD” link available in the top-right corner of the window. The link to the dashboard is available after the customer logged in.

In particular, the customer dashboard offers the following features:

- List of the submitted orders. For each order the following information is available:
 - Order reference;
 - Date;
 - Price (if applicable);
 - Payment type;
 - Status;
 - Link to the SLA document (available only when an order is accepted).
- A customer can retrieve details of a given order clicking on the corresponding “Details” button.
- Form to contact the EGI Support Team.

ORDER HISTORY

Here are the orders you've placed since your account was created.

Order reference	Date	Total price	Payment	Status	SLA	
KKDJXENLR	07/26/2017		Free order	Accepted	-	Details > Reorder
YOEXCPYFC	07/26/2017		Free order	Accepted	-	Details > Reorder
VZKYABRII	07/24/2017		Free order	Accepted	-	Details > Reorder
RBBGWZCFL	07/12/2017		Free order	New	-	Details > Reorder

Figure 9. Customer Dashboard