

EOSC Portal Service onboarding and Rules of Participation

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Dissemination level: Public

Y

@EOSC eu





Outline

- Service Onboarding and Validation process
- Rules of Participation



Service Onboarding and Validation process



Main steps from the service provider viewpoint

Submit the request via the EOSC Portal

Fill the form available in the EOSC portal

Information gathering

Provide the service description and other information as requested by the EOSC onboarding team

Validation

Provide evidence of compliance with the rules of participation as requested by the EOSC onboarding team

Publication

Approve the publication of the service



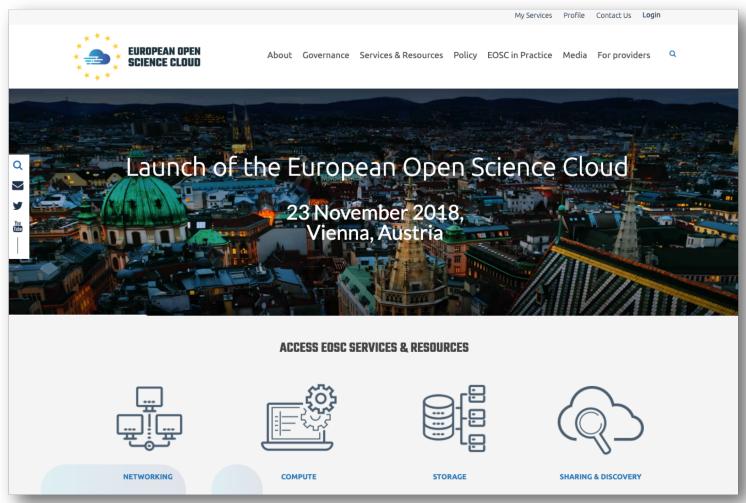
Main steps from the service provider viewpoint

Submit the request via the EOSC Portal

Fill the form available in the EOSC portal

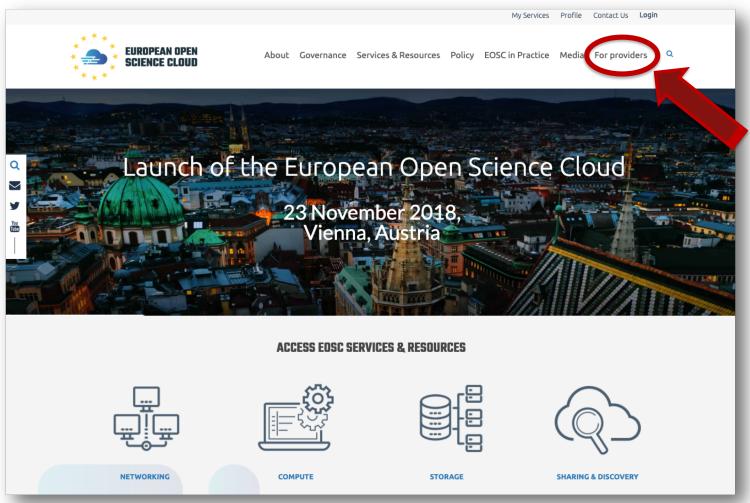


EOSC Portal



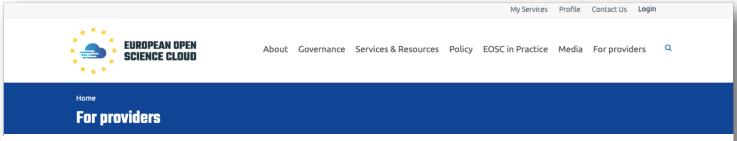


EOSC Portal – Become a Provider





EOSC Portal – Become a Provider



Service requirements

Services and resources of the EOSC Portal are provided and maintained by different providers under a variety of licenses. To become a provider we require that:

- The service is accessible by users outside its original community.
- The service is described through a common template focused on value proposition and functional capabilities.
- At least **one service instance** is **running** in a production environment available to the user community.
- **Publish Research** data is Findable, Accessible, Interoperable and Reusable [reference to **FAIR**].
- Release notes and sufficient documentation are available.
- Helpdesk channels are available for support, bug reporting and requirements gathering.



Become an EOSC provider Interested in becoming an EOSC service and/or resource provider? Fill in the below webform and we will get back to you soon. Please describe the service you would like to provide via the EOSC portal (1 paragraph): * Website(s) of the service: * Entry point (URL) of the service: * Your motivation and expectations concerning becoming an EOSC provider: * What are the key selling points/benefits of the service to potential users? *

EOSC Portal – Become a Provider

Which institute(s) is/are the service provider(s)?	*
Who is the main contact for the service? (name):	•
Who is the main contact for the service? (E-Mail)	•
How large is the current user base of the service EOSC portal? *	? How do you expect this to change after joining the
Under what conditions would you like to make th	ne service available for EOSC users? Select the line(s)
Available for anyone without login Need to login, but free to use Need to login and conditions/restrictions apply Fee based access (e.g. pay-for-use, monthly fee)	
If other, please elaborate under what conditions EOSC users *	would you like to make the service available for
SUBMIT	



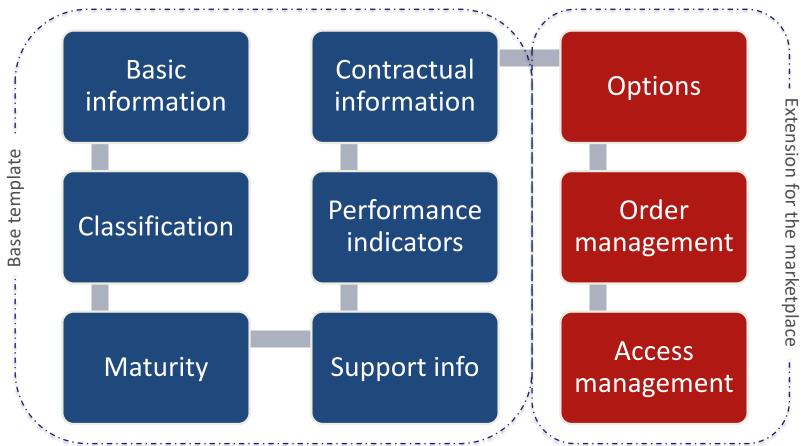
Main steps from the service provider viewpoint

Gathering Information

Provide the service description and other information as requested by the EOSC onboarding team



Service Description Template



^{*} service category definition agreed with eInfraCentral for the launch of the EOSC portal - will be evolved in the near future



Service Provider information

Service Provider	
Basic Information	
Service Provider Name* ¹	Name of the main organisation providing the service and acting as main contact point. In case of the service provider acts as a federator ² and the service is operated by different service provider partners, the individual partners delivering the service can be described using the "federation member ³ " section). Example: EUDAT
Service Provider Description	Is your service connected to any initiative / organisation / project not mentioned in the 'Providers' section but you want to make it visible next to your service? Please list down any relevant initiative / organisation / project. Example: EGI EUDAT ELIXIR
Service Provider Logo	Link to the logo/visual identity of the service provider



Service Provider information

If Service Provider is a Federator¹ and the service is being provided by one or more Federation members on behalf of the Service Provider, the Federation Members² can be specified

Federation member 1		
Name	Name of the federation member	
Webpage	Link to the main webpage of the federation member	
Logo	Logo of the federation member	
Country	2-letter code of the country where the federation member has the main headquarters (https://it.wikipedia.org/wiki/ISO_3166-1)	

1 FitSM-0 Vocabulary, section 5.25 Federator

2 FitSM-0 Vocabulary, section 5.24 Federation Member



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Service Description			
Basic Information	Basic Information		
Service name*	Name of this specific service as assigned by the service provider		
Service URL*	Web Page with information about the service that is maintained and hosted by the service provider		
Service endpoint	Main URL to use the service (in the case of networked service)		
Service description*	Any information relevant to the service user and describing a service. Might be written in a marketing manner. What is a main functionality of a service, who are the current users, relevant technical information, use cases etc. The layout and content completely up to a service owner/representative Example: B2FIND is the EUDAT metadata service and provides a discovery portal which allows users to find data collections within an international and inter-disciplinary scope. It is based on a comprehensive metadata catalogue of research data collections stored in EUDAT data centres and other repositories. Harmonization of the metadata descriptions collected from heterogeneous sources enables not only the presentation in a consistent form but as well the faceted search across scientific domain boundaries. B2FIND is for communities and other providers of research data who need to publish and give visibility to their metadata and individual researchers who need to search data from everywhere, and see data in the context with an across community approach.		
	Features: based on a comprehensive joint catalogue of EUDAT services and external metadata metadata is mapped onto standardized facets supports faceted, geospatial and temporal metadata searches allows users to search and browse datasets via keyword searches results displayed in user-friendly format and listed in order of relevance access to the scientific data objects is given through references provided in the metadata available for communities in the EUDAT registered domain of data Uses cases: define with whom to exchange data, for how long and how are offered up to 20GB of storage space for research data access and manage permissions to files from any device and any location		
Service tagline*	Short catch-phrase for marketing and advertising purposes (1 line). It will be usually displayed close the service name and should refer to the main value or purpose of the service. Example: Metadata based data-discovery		

Service Description information

User value	The benefit to a customer and their users delivered by a service; benefits are usually related to alleviating pains (e.g., eliminating undesired outcomes, obstacles or risks) or producing gains (e.g. increased performance, social gains, positive emotions or cost saving)
Target customers	Type of customers who are allowed to commission this service. Restrictions may apply according to various criteria like the location (e.g. country) or type of activity (e.g. research, commercial). By customer, we mean an organisation that commissions a service provider to deliver one or more services, doing so on behalf of a number of users; customers commission a service and usually discuss the terms of the contract and of the SLA but do not necessarily use it; users use the service but do not necessarily commission it.
Target users	Type of Individuals that primarily benefits from and uses a service. Choose any from the below list applicable to your service: Multiselect, delete rows that are not relevant to your service. The service is dedicated for Single researcher VO Providers Research project Business Other (please provide a new service scope type your service supports)
Service logo*	Please attach a logo of your service (URL or image). The logo will be visible to the EOSC users
Service screenshots and videos	Where available and/or applicable
Service language*	Language of the user interface (add the language codes separated by comma using the 2-letter codes from the ISO https://en.wikipedia.org/wiki/List_of_ISO_639-1_codes)
Use cases/case studies	List of use cases supported by this service (please, also add links to digital material describing them, if available)
Standards	List of standards supported by the service
Certifications	List of certifications obtained for the service (including the certification body)



Service Maturity

Service Maturity		
Service TRL*	Used to tag the service to the Technology Readiness Level (choose among 1,2,3,4,5,6,7,8,9) For the listing of services in the EOSC Service Catalogue, services must comply to a minimum maturity of TRL 7, orderable services in the EOSC Marketplace must comply to a minimum level of TRL 8.	
Service phase*	 Phase of the service lifecycle selected among: discovery: researching users needs, exploring technological or policy constraints (TRL: 1,2) planned: a plan to develop the service is defined (TRL: 3, 4) alpha: prototype available for closed set of users; (TRL: 5, 6) beta: service being developed while available for testing publicly (TRL: 7) production: service available in the live environment meeting security/performance requirements; (TRL: 8, 9) retired: the service is not anymore offered Note: services in beta and production phase are live and can be part of the service catalogue (see the page Service Phases for more information) 	
Service version	Version identification that refers to a specific set of service components	
Service last update	Date when this service version was released	
Service change log (if applicable)	Summary of the main changes from the previous version	



Service maturity

TRL - Method of gauging the maturity of technology/service, used by EC

TRL Level	Description	
1	Basic principles observed	
2	Technology concept formulated	
3	Experimental proof of concept	
4	Technology validated in lab	
5	Technology validated in relevant environment	
6	Technology demonstrated in relevant environment	
7	System prototype demonstration in operational environment	
8	System complete and qualified	
9	Actual system proven in operational environment	

NOT READY

BETA PRODUCTION



Service Maturity criteria

TRL 7 EC definition: "System prototype demonstration in operational environment"

- Service has passed through development and is an advanced stage of pre-production: the software is stable, reliable and has been deployed in an operational environment
- Functionality as required by the target users is documented, understood, validated with target sample users and accepted by them. Internal documentation exists regarding preliminary validation tests.
- An assessment has been made of the required load of the system once the transition into production is complete and a plan has been made to service this load. This assessment has been documented.
- An **SLA** is **optional**.

TRL 8 EC description: "System complete and qualified"

- There are users who are making real use of the service and rely on it for their work.
- Service documentation for end-users exists and is made available.
- An acceptable use policy/terms of use/SLA is in place
- Evidence that the service is being delivered in a way consistent with user expectations
- Provision is made for user support, with response to incident and problem management

TRL 9 EC description: "Actual system proven in operational environment"

- All requirements of TRL 8 are met.
- Customer feedback is gathered and documented. The service has been in a production state and relied upon by users for at least 1 year and evidence is provided to show this.
- There are quantitative outputs as a direct result of the service usage.

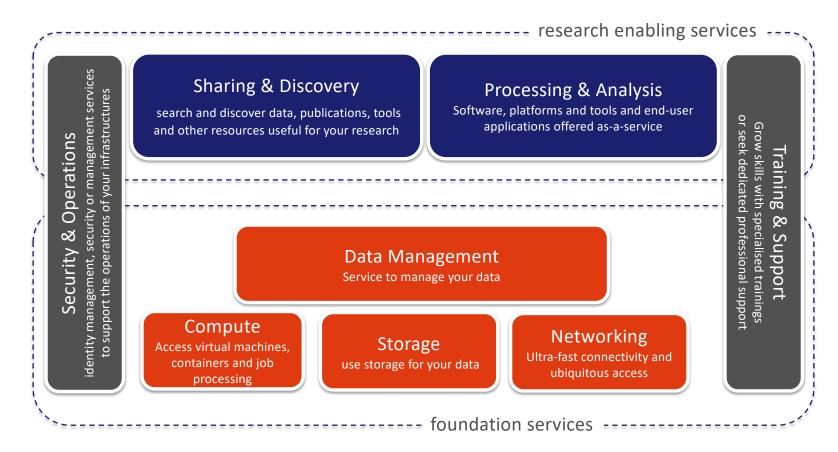


Service Classification

Service Classification	
Service category*	Please choose from the below named group of services that offer access to the same type of resource or capabilities Sharing & Discovery Processing & Analysis Compute Storage Data Management Networking Training and Support Security and Operations
Service category 2	(Optional, choose a second category if strictly needed, from the above list)
Service tags	Comma-separated list of keywords associated to the service to be used to simplify search by relevant keywords Examples: applications batch systems
Scientific fields	Comma-separated list of the scientific fields that are related to this service (please, refer to level 2 of this classification: https://wiki.egi.eu/wiki/Scientific_Disciplines)



Service categories



^{*} the base template contains common attributes to the eInfraCentral template, work on a common template is planned



EOSC service portfolio

Security & Operations (2)

B2ACCESS

EGI Check-In

Sharing & Discovery	(13)

B2FIND

GEOSS Web Portal

Virtual Language Observatory

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Processing & Analysis (13)

Chipster

DARIAH Science Gateway

Dynamic On Demand Analysis
Service

...

Training & Support (2)

FitSM

Training Infrastructure

Compute (9)

EGI High-Throughput Compute

EGI Cloud Compute

PaN FaaS

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Storage (8)

EGI Online Storage

B2DROP

TDS

• • •

Data Management (10)

B2HANDLE

B2NOTE

EODC Data Catalogue Service

...



Service Managemen	t	
Service owner name*	Name of the person who has accountability for the whole service from a management point of view from the service provider	
Service owner contact*	E-mail contact of the service owner	
Service support name*	Name of the person for use by the federator (EOSC-Hub) to request technical/operational support	
Service support contact*	E-mail contact of the service support for use by the federator (EOSC-Hub) to request technical/operational support	
Service security name*	Name of the person responsible for the security aspects of the service	
Service security contact*	E-mail contact of the person responsible for the security aspects of the service	
Helpdesk*	Link to your service helpdesk. If you do not have a Helpdesk to support your service, EOSC offers JIRA based Helpdesk for all EOSC services. Please write down 'Helpdesk not in place' and we will contact you.	
Service order	Webpage to order the service directly via the main service provider	
Service order type*	Do you want your service to be connected with a service ordering procedure or is your service freely available for everyone. Does the service require an ordering procedure? Is the service open access, i.e. no ordering procedure necessary to access the service? If a service is open, is it open for unauthenticated users as well, or does it require an authentication procedure?	
	Examples: service requires ordering procedure, provider has the procedure and supporting tools in place (requires integration with either eosc portal lira or eosc portal MP) service requires ordering procedure and would like to use EOSC Portal distributed order management procedure and supporting tools service does not require ordering procedure, is an open access service but requires user authentication and possibly other user info (e.g. affiliation) service does not require ordering procedure and does not require user authentication: fully open access service	
Service user manual*	Link(s) to your service user manual.	
Service admin manual	Link(s) to your service admin manual (write 'n/a' 'if not applicable)	
Service training information*	Link(s) to training information on the service.	
Service monitoring	Web Page with monitoring information about this service	
Service maintenance	Web Page with information about planned maintenance windows for this service	

Service Management

16/04/2019

Service maintenance Web Page with information about planned maintenance windows for this service



Service Contract Service terms of use* Link describing the rules, service conditions and usage policy which one must agree to abide by in order to use the service Example: https://marketplace.egi.eu/content/3-terms-and-conditions-of-use Service Level Link to an Service Level Agreement (SLA) applicable to the service. Agreement* A SLA is a documented agreement between a customer and a service provider that specifies the service to be provided and the service targets that define how it will be provided (FitSM definition). Example: https://documents.egi.eu/document/2733 Privacy policy* Link to the privacy policy applicable to the service Service access List of the policies* of your service. Example: https://marketplace.egi.eu/content/7-access-policy

Service provider can define different access policies for different target users

Service Contractual information

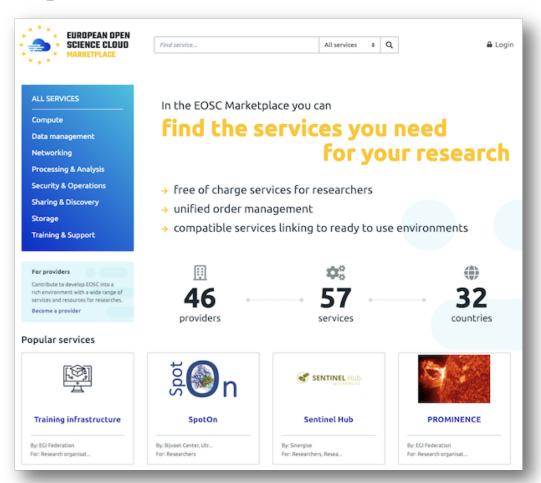
Access Policy 1		
(Please duplicate this tab	ole if the service has multiple access policies)	
Access mode	Excellence-driven: users are selected based on scientific excellence evaluation, originality, quality and technical and ethical feasibility of an application evaluated through peer review conducted by internal or external experts of the activity to be supported by the service Wide access: users can freely access the service provided, registration may be needed Market-driven: users need to pay a fee to access the service (see charter for access to RIs)	
Payment model	Supported payment models and restrictions that apply to each of them	
Pricing	Describe the price scheme for this service in case the customer is charged for access/usage	
Conditions	More information about the access policy, including any restrictions regarding the users who might want to use your service (e.g. for excellence-driven access policy, explain the type of evaluation that will be performed, how often it takes place and where detailed information)	
Geographical availability*	Is your service restricted to a certain location? Please indicate the countries in which your service is available to the users. If your service is European-wide, please list "Europe" (multiple options).	
Access Policy URL	URL to a webpage from the service provider with more information on the procedure for getting access	

16/04/2019



Orderable Services

EOSC Marketplace



- Platform where services can be:
 - Promoted
 - Discovered
 - Ordered
 - Accessed
- 3 steps process for users
 - Authentication & registration
 - Product discovery and specification
 - Ordering and request processing



Service Options

If you want to ask a question about this

service please login

Orderable Services



EGI Cloud compute

Run virtual machines on-demand with complete control over computing resources

Provided by: EGI Federation Research area:

Interdisciplinary

Dedicatedor: Researchers, Research organisal

☆☆☆☆ (0.0/5) 0 reviews



General purpose

Base preformance instance type. Features: Accessible in opportunistic or reserved ways, CPU cores could be overcommitted. Ideal for: Web services, Microservices, Development...

Show mor

TECHNICAL PARAMETERS

 Number of CPU Cores
 1 - 8

 Amount of RAM per CPU core
 1 - 4 GB

 Local disk
 10 - 40 GB

 Number of VM instances
 1 - 50

 Number of days
 1 - 730

Order

High-memory

Optimised instances for tasks that require more memory relative to virtual CPUs. Features: High amout od RAM per CPU core, Up to 240 GB of RAm in total, Reserved instances. Ideal for: Running...

Show mor

TECHNICAL PARAMETERS

Number of CPU Cores	2 - 16
Amount of RAM per CPU core	16 - 120 GB
Local disk	10 - 40 GB
Number of VM instances	1 - 50
Number of days	1 - 730

Order

Compute-intensive

Optimised instance for computing tasks. Features: High perfromance CPU cores, Until 64 CPU cores, Real CPU cors (non-overcommitted), Low latency network, Reserved instances, Ideal for: Batch...

Show more

TECHNICAL PARAMETERS

Number of CPU Cores	8 - 64
Amount of RAM per CPU core	2 - 8 GB
Local disk	10 - 40 GB
Number of VM instances	1 - 50
Number of days	1 - 730

Order

GPU

GPU-enabled instances. Features: 1 or 2 GPU cores, 9 CPU cores for each GPU core, large memory. Ideal for: Graphics and general purpose GPu compute applications.

TECHNICAL PARAMETERS

Number of GPU cores	1 - 2
Number of CPU Cores	8
Amount of RAM	24 - 50 GB
Local disk	280 GB
Number of VM instances	1 - 50
Number of days	1 - 730

Order

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B2DROP
Secure and trusted data exchange service for researchers
Provided by:

EUDAT, JSC

Research area:
Interdisciplinar
Dedicatedor:

Researchers, Research organisations

☆☆☆☆☆ (0.0 /5) 0 reviews

Add to a project Access the service If you want to ask a question about this service please login

Service offers

B2DROP For Researchers

BZDROP is a secure and trusted data exchange service for researchers and scientists to keep their research data synchronized and up-to-date and to exchange with other researchers. BZDROP is an ideal solution to store and exchange data with colleagues and team members, synchronise multiple versions of data, ensure automatic desktop synchronisation of large files. Features: Public service, Self registering, Quota 20GB, Web access, Sharing files with local users, Sharing files across other BZDROP and ownCloud/Nextcloud instances, Desktop synchronisation, Support for WebDAV mounts, Publish data to BZSHARE. Ideal for: Researchers seeking a central place to dtorage and ahre research data.

TECHNICAL PARAMETERS

Number of days

Add to a project

B2DROP For Communities And Organisations

The public B2DROP service is provided on a fair-share basis. Communities and/or organisations with specific requirements which can not be support via the public fair-share service or or need higher level of security or access control can request consultancy in settling up and deploying a local B2DROP instance or can request a B2DROP instance which is shosted at one of the EUDAT partners. Features: dedicated B2DROP instace, Requirements are negotiable. Ideal for: Community/organisational data managers.

TECHNICAL PARAMETERS

Requested storage capacity 0.5 - 10 TB

Requested quota per user 100 - 500 GB

Number of days

Add to a project

B2DROP For Data Managers

The public B2DROP service has a per user quota limit of 20GB. Communities, organisations or PI's which have a need for higher quota's, higher storage capacity, specific requirements and/or (Nextcloud) applications enabled can submit support request. Depending on the requirements and/or requested storage capacity the B2DROP service is offered as a paid service. Features: Public service, Self registering, Higher quota's as default, Web access, Sharing files with local users, Sharing files across other B2DROP and ownCloud/Nextcloud instances, Desktop synchronisation, Support for WebDAV mounts, Publish data to B2SHARE. Ideal for: Data managers with higher quota, storage and/or any specific requirements.

TECHNICAL PARAMETERS

Requested storage capacity 0.5 - 10 TB

Requested quota per user 100 - 500 GB

Add to a project

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Main steps from the service provider viewpoint

Validation

Provide evidence of compliance with the rules of participation as requested by the EOSC onboarding team



Service Validation

Validate

- Information provided via the Service Description template
- Do validate quality of referenced content
- But ask clarifications and provide feedback to service provider

Assess

- Availability of Service
- Availability of URLs
- Email contact addresses
- Maturity level according to maturity guidelines*
- Categorization and Options
- User documentation, training material
- Terms of Use, SLA
- Security contact, Privacy statement
- Access Policies

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Main steps from the service provider viewpoint

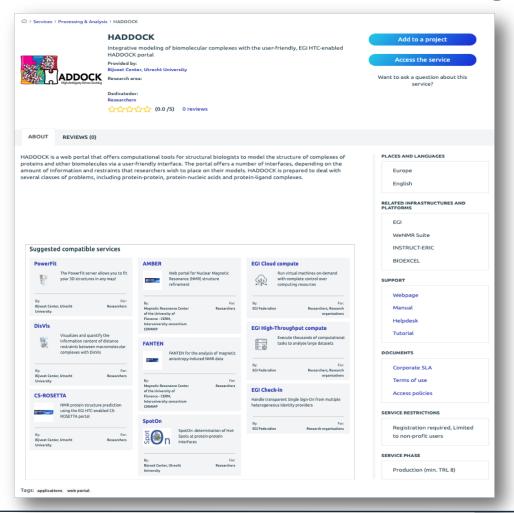
Publication

Approve the publication of the service

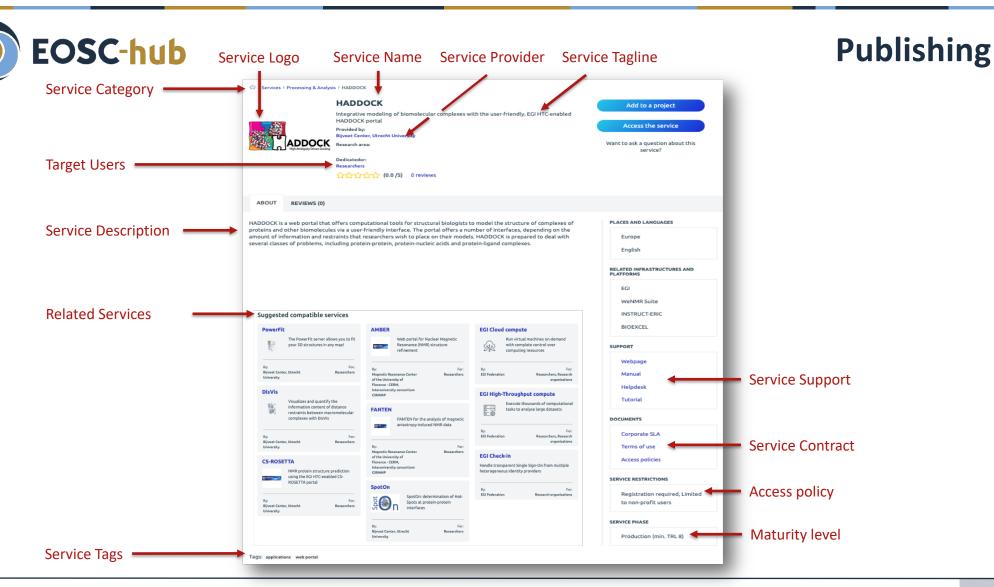


Service Portfolio Description **Basic Information** Service name*1 Haddock Service logo* Service owner* Dr. Alexandre Bonvin Service URL* http://haddock.science.uu.nl/enmr/services/HADDOCK2.2 Service category Thematic service Service sub-category Scientific gateway Service order type* · Service requires ordering procedure - the procedure is already in place, the provider would like to handle the order handling · Service is an open-access service but requires a scientific affiliation · Service is an open-access service but requires authentication of the Integrative modelling of biomolecular complexes with the user-friendly, EGI Service tagline* HTC-enabled HADDOCK portal Service description* HADDOCK is a web portal that offers computational tools for structural biologists to model the structure of complexes of proteins and other biomolecules via a user-friendly interface. The portal offers a number of interfaces, depending on the amount of information and restraints that researchers wish to place on their models. HADDOCK is prepared to deal with several classes of problems, including protein-protein, protein-nucleic acids and protein-ligand complexes. Service scope* Single researcher

Publishing



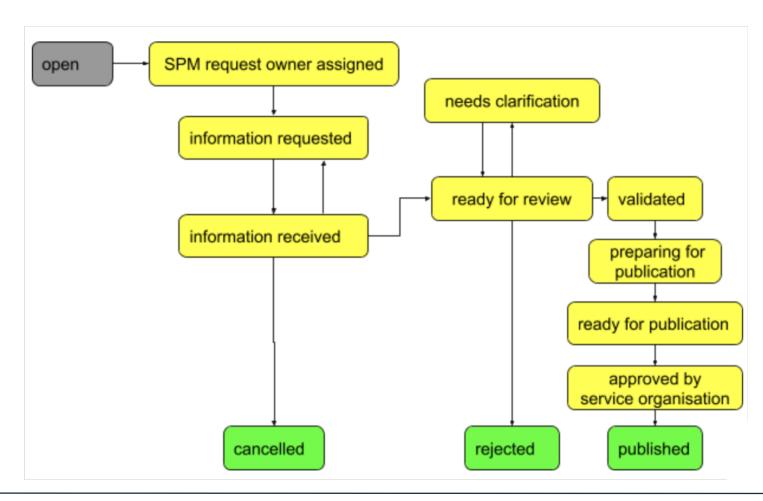
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Onboarding procedure: state diagram





Some Statistics

Status	Issues	Percentage
Open	1	1 %
Validated	4	5 %
Cancelled	1	1 %
Information received	2	■ 3%
Published	43	55%
Information Requested	10	13%
SPM request owner assigned	1	1 %
Ready for review	2	■ 3%
Preparing for publication	9	12%
Ready for publication	4	5 %
Approved by Service organization	1	1%



Rules of Participation



EOSCpilot recommendations for a minimal set of Rules of Participation

Main rule

EOSC services
shall be
registered in an
EOSC compliant
or compatible
service
catalogue
visible to the
global EOSC
Gateway

Machine readable metadata

EOSC Services must be described in Machine readable format by means of a common and persistent identification

Portability

Whenever possible,
Service Providers should
support and enable the
portability of data and
services

Terms of Use

Terms of Use including **Access and Data Policies**

Access Model

Service providers may apply user charges/fees, which could vary by type of service, type of service provider and location of users.

Accessibility

EOSC Service Providers
must describe how they
ensure accessibility and
interoperability, e.g.
their metadata, APIs,
standards, protocols

Quality of Service

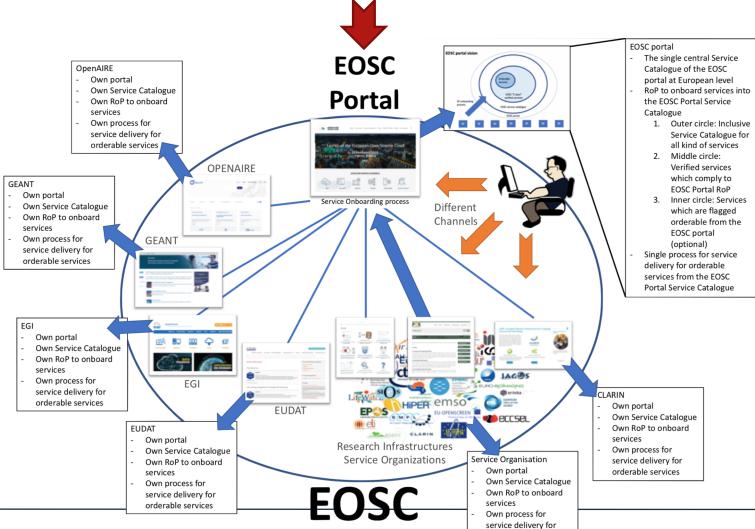
Service providers should adhere to a minimal set of quality guidelines, these may include TRL and certain

Certifications

22/01/2019



EOSC Gateway



orderable services

16/04/2019



Rules of participation

Broaden user base

- the service is accessible by users outside its original community

Common service description

 service described with a common template with value proposition and functional capabilities

Production ready

 at least one service instance running on production environment available (TRL7-9)

Documentation available

release notes and documentation available

• Helpdesk available

for support, bug reporting and requirements gathering

Security contact available

for reporting in case of security incidents

Order management (opt)

order requests through the EOSC marketplace as additional channel

Thank you for your attention!

Questions?



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