

## HELMHOLTZ CLOUD

### Initial Service Portfolio

Service	Service Providers	Main Service Category
OpenStack	Jülich, Jülich (HDF), KIT, DKFZ	Infrastructure Service
Storage (HDF)	Jülich, DESY	Infrastructure Service
HAICORE (HAICU, HIP)	KIT, Jülich	Infrastructure Service
Singularity	KIT, Jülich	Infrastructure Service
Docker	DESY	Infrastructure Service
GPU Compute Service	Jülich, HZDR	Infrastructure Service
AWI Marketplace	AWI	Infrastructure Service
GitLab	HZDR, KIT, Jülich, GEOMAR	Science/Community Service
JupyterHub	Jülich, DESY, DKFZ, HMGU	Science/Community Service
B2Share (Invenio)	Jülich	Science/Community Service
JupyterHub Notebooks on HPC	KIT	Science/Community Service
ODV	AWI	Science/Community Service
RODARE	HZDR	Science/Community Service
Ocean and Climate Sensor Management	AWI	Science/Community Service
Rocket.Chat	Jülich	Collaboration Service
Zammad	HZDR	Collaboration Service
Mattermost	HZDR	Collaboration Service
Nextcloud (OnlyOffice)	KIT, HZB, DESY	Collaboration Service
LimeSurvey	HMGU, DKFZ	Collaboration Service
Redmine	HZDR, HMGU	Collaboration Service
ShareLaTeX	HZDR	Collaboration Service

## Key Figures regarding the Helmholtz Cloud Service Selection Process

How many services were included in the service list after the survey/ each iteration was conducted?						
	Service Survey	1st Iteration	2nd Iteration	3rd Iteration	Initial Portfolio	
Every single service	<b>156</b>	<b>180</b>	<b>69</b>	<b>48</b>	<b>38</b>	<b>Services</b>
	39	41	20	18	14	Infrastructure
	48	53	19	15	13	Community/Science
	64	81	30	15	11	Collaboration
	5	5	0	0	0	Others
Distinct services	<b>125</b>	<b>133</b>	<b>35</b>	<b>25</b>	<b>21</b>	<b>Services</b>
	26	26	9	8	7	Infrastructure
	39	42	11	7	7	Community/Science
	56	61	15	10	7	Collaboration
	4	4	0	0	0	Others
How many service providers offer services?						
	Service Survey	1st Iteration	2nd Iteration	3rd Iteration	Initial Portfolio	
	<b>13</b>	<b>13</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>Helmholtz centers</b>
How many services are excluded or postponed to a later service portfolio?						
Every single service		<b>111</b>	<b>21</b>	<b>8</b>	<b>140</b>	<b>Services</b>
		21	2	3	26	Infrastructure
		34	4	1	39	Community/Science
		51	15	4	70	Collaboration
		5	0	0	5	Others
Distinct services		<b>98</b>	<b>16</b>	<b>8</b>	<b>122</b>	<b>Services</b>
		17	2	3	22	Infrastructure
		31	4	1	36	Community/Science
		46	10	4	60	Collaboration
		4	0	0	4	Others

### HIFIS Documentation for architectural components and processes:

<https://www.hifis.net/doc/service-portfolio/>

Services that were postponed during 1 <sup>st</sup> , 2 <sup>nd</sup> or 3 <sup>rd</sup> iteration:
B2DROP
BIDS
Communityservice (Energy & Information) (Health) (Nuclear Physics)
Communitystorage (Earth & Environment) (Health) (Matter)
Distributed Object Storage
Door
Efecte
Entire hosting of mail serverGate
Gate
Globus Toolkit
HeAT Library Server
ICAT
ILIAS
Indico
Jabber XMPP
Moodle
Electronic Laboratory Journal (LIMS), New HMGU System
OpenBIS
OpenProject
OSM Nominatim (Geocoder/Reverse Geocoder)
OSM Overpass (OSM map data API)
OSM Tileserver (Webserver for map tiles)
OTRS
PANGAEA
Rancher
Request Tracker
R-Studio, R-Shiny, R-Project
Sandstorm
Stack Overflow Team (local)
Sympa
UFTP (UNICORE FTP)
Virtual Desktop Service

Services without a Providing Helmholtz Center	
Service	Interest votes in Service Survey
Kubernetes Cluster	12
Nextcloud with Collabora	11
Endnote (Cloud)	10
LabFolder	10
MailMan	9
Matrix (protocol)	9
RDMO	9
Software Catalog System	9
Polls (NextCloud)	8
Helmholtz hosted Webserver	8
Confluence (Electronic Laboratory Journal (LIMS))	8
HGF EaE Specific DMP Tool	8
Redmine (Ticketing Tool, Issue Tracker)	8
Aspera (Genomic)	7
mediawiki	7
DECK (Nextcloud)	7
Eplas	7
GFZ Data Services	7
Medusa	7
OnlyOffice Project	7
OpenOLAT	7
Service to acquire DOI	7
Sheila	7
Confluence (Project Websites)	6
Wordpress	6
Zotero	6
elabFTW	6
ESX/ESXi	6
RedCap	6
Lucom Interaction Platform	5
GESKAT	5
Binder Repositories	4
Helmholtz Contact Exchange	4
MySQL and Postgres	4
Jabber eJabberDaemon	4
Lync Federation	4
Continous Improvement Proposal System	4
Document Management System	4
IGSN Service (Geo Science)	4
onshape	4
simscale	4
SpectrumProtect HSM	4
Central Geodata platform	3
Electronic Voting	3
Galaxy Webserver	3
Geo Sensor Management	3
Invenio	3
Norm database	3
FMS	3
Chat over IMAP	3
Cell samples (Biology)	2
Eugene	2
Geneious	2
Analytic machines - Community Service	1
Build service & package repository docker hub	1
Data Analytics Services	1
SW-Package - Catalog	1
Study Conduction Service (observational studies)	0