

H2IS Service Selection 3rd iteration - Results																	
Date 01.10.2020																	
Infrastructure Services																	
Community/Science Services																	
Collaboration Services																	
*Will be requested from the centers after the initial service portfolio has been defined since these criteria are only for information purposes and do not influence the resulting points a service earns																	
Service Group		Third Evaluation Round/ Iteration															
Service Type	Service	Service Provider	Service meets data protection and IT security requirements	Service supports user provisioning	Service provider must be able to provide the service under increased load of Helmholtz users (scalability)	Service provider has policies regarding the access to offered Helmholtz cloud services	Service provider established backup for service data (only applicable for services that store data)	Service supports incubator interconnection (all platforms)	Service integration is easy to perform	User effort to enable the service is as low as possible	Service supports open access APIs etc.	Service providers are equally distributed among the Helmholtz centers	Service provider is certified*	Service provider established processes to meet (legal) requirements concerning the deletion of data (data protection relevant)/ storage of data*	Resulting Points (max. 3,04)		Summarized Points 1st-3rd iteration (max. 18,68)
Software Development Services	GitLab, GitLab-CI (H2IS Software)	H2DR	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	0-3 weeks	No enabling needed	Yes				3,04	-	17,87
Discussion Channel, Chat	Rocket.Chat	FZJ	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	4-6 weeks	No enabling needed	No				2,91	-	17,74
On demand compute (offering CPU and GPU resources)	OpenStack HOF Cloud at ISC	FZJ	Yes	Yes	Yes	Yes	Yes	One platform supported	0-3 weeks	No enabling needed	No	Yes			2,28	-	17,11
On demand compute (offering CPU and GPU resources)	Openstack JuCloud	FZJ	Yes	Yes	Yes	Yes	Yes	One platform supported	0-3 weeks	No enabling needed	No	Yes			2,28	-	17,11
On demand storage	Storage (HDF)	FZJ	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	0-3 weeks	No enabling needed	No				3,04	-	17,06
JupyterHub Service	JupyterHub Service	FZJ	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	0-3 weeks	No enabling needed	No				3,04	-	17,06
Data Repository with DOI Service	B2SHARE (Invenio)	FZJ	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	0-3 weeks	No enabling needed	No				3,04	-	17,06
Ticketing Tool, Issue tracker	Zammad	H2DR	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	0-3 weeks	No enabling needed	No				3,04	-	17,06
Discussion Channel, Chat	Mattermost	H2DR	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	0-3 weeks	No enabling needed	No				3,04	-	17,06
Software Development Services	GitLab, GitLab-CI	KIT	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	0-3 weeks	No enabling needed	Not applicable				3,04	-	17,06
Sync&Share with Cloud Office	bwSync&Share (NextCloud)	KIT	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	0-3 weeks	User can enable service	Not applicable				2,54	-	16,56
Software Development Services	GitLab, GitLab-CI	FZJ	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	0-3 weeks	No enabling needed	No				3,04	-	16,53
Sync&Share with Cloud Office	Nextcloud (OnlyOffice)	H2B	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	0-3 weeks	No enabling needed	Not applicable				3,04	-	16,53
On demand compute (offering CPU and GPU resources)	HAICORE (HAICU, HIP)	KIT	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	0-3 weeks	Admin can enable service	Not applicable				2,04	-	16,06
On demand compute (offering CPU and GPU resources)	Singularity	KIT	Yes	Yes	Yes	Yes	Yes	One platform supported	0-3 weeks	User can enable service	Not applicable				1,78	-	15,8
On demand storage	Storage (HDF)	DESY	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	0-3 weeks	No enabling needed	No				3,04	-	15,72
JupyterHub Service	JupyterHub Service	DESY	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	0-3 weeks	No enabling needed	No				3,04	-	15,72
Sync&Share with Cloud Office	Nextcloud (OnlyOffice)	DESY	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	0-3 weeks	No enabling needed	Not applicable				3,04	-	15,72
Software Development Services	GitLab, GitLab-CI	GEOMAR	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	0-3 weeks	No enabling needed	No				3,04	-	15,44
JupyterHub Service	JupyterHub Notebooks on HPC	KIT	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	0-3 weeks	Admin can enable service	Not applicable				2,04	-	15,25
On demand compute (offering CPU and GPU resources)	Docker	DESY	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	4-6 weeks	No enabling needed	Yes				2,91	-	14,78
JupyterHub Service	JupyterHub Service	DKFZ	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	0-3 weeks	Admin can enable service	No				2,04	-	14,72
On demand compute (offering CPU and GPU resources)	HAICORE (HAICU, HIP)	FZJ	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	0-3 weeks	No enabling needed	No				3,04	-	14,63
On demand compute (offering CPU and GPU resources)	GPU compute Service	FZJ	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	0-3 weeks	No enabling needed	Not applicable				3,04	-	14,63
JupyterHub Service	JupyterHub Service	HMGU	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	0-3 weeks	No enabling needed	Not applicable				3,04	-	14,38
Online Survey Service	LimeSurvey	HMGU	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	4-6 weeks	No enabling needed	Not applicable				2,91	-	14,25
On demand compute (offering CPU and GPU resources)	OpenStack	KIT	Yes	Yes	Yes	Yes	Yes	One platform supported	0-3 weeks	User can enable service	Not applicable				1,78	-	14,18
Project Management with Wiki	Redmine	H2DR	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	4-6 weeks	No enabling needed	Yes				2,91	-	13,97
Cloud Writing/Citing	ShareLaTeX	H2DR	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	4-6 weeks	No enabling needed	No				2,91	-	13,97
Project Management with Wiki	Redmine	HMGU	Yes	Yes	Yes	Yes	Yes	Multiple platforms supported	4-6 weeks	No enabling needed	Not applicable				2,91	-	13,44
On demand compute (offering CPU and GPU resources)	OpenStack	DKFZ	Yes	Yes	Yes	Yes	Yes	One platform supported	0-3 weeks	No enabling needed	Not applicable				2,28	-	13,34
Online Survey Service	LimeSurvey	DKFZ	Yes	Yes	Yes	Yes	Yes	One platform supported	4-6 weeks	No enabling needed	Not applicable				2,15	-	12,68
Ocean Data View Software	ODV	AWI	Yes	Yes	Yes	Yes	Yes	One platform supported	4-6 weeks	No enabling needed	Yes				2,15	-	12,31
On demand compute (offering CPU and GPU resources)	Singularity	FZJ	Yes	Yes	Yes	Yes	Yes	One platform supported	0-3 weeks	No enabling needed	No				2,38	-	12,06
On demand compute (offering CPU and GPU resources)	GPU compute Service	H2DR	Yes	Yes	Yes	Yes	Yes	No platform supported	4-6 weeks	User can enable service	No				0,89	-	10,61
Data Repository with DOI Service	Rodare	H2DR	Yes	Yes	Yes	Yes	Yes	No platform supported	4-6 weeks	No enabling needed	Yes				1,39	-	10,3
Sensor Management Service	Ocean and climate Sensor Management	AWI	Yes	Yes	Yes	Yes	Yes	One platform supported	4-6 weeks	No enabling needed	Yes				2,15	-	9,88
Analytic machines	AWI Marketplace	AWI	Yes	Yes	Yes	Yes	Yes	One platform supported	4-6 weeks	User can enable service	Not applicable				1,65	-	8,85
On demand compute (offering CPU and GPU resources)	Kubernetes Cluster	DESY													0	NOT OFFERED ANYMORE	0
JupyterHub Service	JupyterHub Notebooks on HPC	FZJ													0	PART OF ANOTHER SERVICE	0
On demand storage	Storage (HDF)	KIT													0	POSTPONED	0
Sync&Share with Cloud Office	Nextcloud (OnlyOffice)	H2DR													0	POSTPONED	0
Event Management	Indico	DESY													0	POSTPONED	0
JupyterHub Service	JupyterHub Service	H2DR													0	POSTPONED	0

Scaling test tool	Sympa	DESY													0	POSTPONED		0	
On demand compute (offering CPU and GPU resources)	OpenStack	DESY													0	POSTPONED		0	
On demand compute (offering CPU and GPU resources)	GPU compute Service	DESY													0	POSTPONED		0	
Project Management with Wiki	OpenProject	H2B													0	POSTPONED		0	