

Service name:	RTU HPC		
Assessor:	Lauris Cikovskis		
Date:	23.04.2020		
OK to publish			
1. Service management		Result	Comment / Proof
S-1	Web address where more information about the service can be found is publicly available	Yes	https://hpc.rtu.lv/computing-services/?lang=en
S-2	Contact address for end-users is publicly available	Yes	https://hpc.rtu.lv/computing-services/?lang=en#contacts
S-3	Contact address for security issues is publicly available	Yes	The same as previous. Also official security contact of RTU
S-4	Service documentation for end users is publicly available	Yes	https://hpc.rtu.lv/instructions/?lang=en
S-5	Disaster recovery possibilities for research data are publicly described	No	Disaster - if it can influence service continuity. DR plan should be available. backups, access to other HPC centre
S-6	Detailed service installation documentation exist.	Yes	Service installation notes exist
S-7	Automatic software upgrades have been implemented or there is an alternative policy/practice enabling rapid responses to software vulnerabilities	No	HPC system software updates are done once per year.
S-8	Service availability is monitored and availability information is publicly available for service users	Yes	Internal cluster monitoring tools are used. Also Zabbix monitoring for admins;
S-9	Service level target is defined and it is publicly available	Yes	Number of user accounts, available storage space, network bandwidth, support response time is defined in service contract. Also available: https://hpc.rtu.lv/computing-services/?lang=en
S-10	Service capacity is monitored	Yes	Zabbix monitoring, MOAB scheduler and accounting system
S-11	Service capacity limits are known	Yes	Disk quotas are defined. Max CPU/GPU count is known.
S-12	Service usage metric is defined and followed	Yes	Usage is tracked by MOAB accounting manager and monitoring
S-13	Information about maintenance breaks is publicly available	Yes	All registered users are notified by e-mail 5-14 days before
S-14	There is a document, that is used to ensure that the service behaves normally after implemented changes	No	No document but some testing is done
S-15	Service release notes or similar documentation describing changes in service is publicly available	No	Is it applicable for HPC?
S-16	Channel to recommend service enhancements exists	Yes	Feedback form
S-17	Service roadmap exist and it is public	No	
2. Data management and FAIR data requirements (research data repositories only)			
D-1	Service provider has analyzed "FAIRness" of the service.	N/A	
D-2	Research data lifecycle is clearly publicly defined	N/A	
3. Accessibility and legal requirements			
L-1	The service is accessible by users outside its original community	Yes	This is general purpose system used by different scientific communities but originally was ment for engineering applications ar RTU
L-2	Service usage form other EU countries is possible	Yes	Contract should be signed.
L-3	Terms Of Use is available	Yes	https://hpc.rtu.lv/computing-services/?lang=en#terms
L-4	IPR (Immaterial rights) : * Licences, non-disclosure agreements, copyrights, database rights, are clear	Yes	NDA: defined in contract with a customer (if required) Software licences: described in Terms of Use: https://hpc.rtu.lv/computing-services/?lang=en#terms (customer is responsible for using licencing according to terms)
L-6	GDPR * GDPR status of a service has been clarified * If the service contains or processes personal data, GDPR implications have been identified * If the service contains or processes personal data, service fullfills GDPR requirements	Yes	Partly Yes. Some of GDPR aspects are considered in cotracts with customers but should be improved.
4. Sustainability			
F-1	Status in terms of service lifecycle is publicly available (e.g. pilot, in production, to be debricated soon)	No	
5. EOSC architecture compatibility (to be included when documents and services become available)			
A-1	EOSC Monitoring and reporting implemented	No	
A-2	EOSC AAI implemented	No	
A-3	EOSC monitoring implemented	No	
A-4	EOSC accounting implemented	No	
A-5	EOSC Data Transfer Services implemented	No	
A-6	Persistent identifier with required metadata for services	No	
	SCORE	70.83%	

		Number of N/A-s	2
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