

Roadmap

Disclaimer

This document is a living document and is used for planning. Plans for the unreleased features can change without further notice and hence cannot be used as a guaranteed delivery plan, the features can be delivered both earlier and later.

Roadmap is created based on the backlog and requests from the existing users of Waldur. If you are interested in a specific topic, please [reach out](#) to us.

Some of the tasks are common and some are functional, listed below.

Continuous improvements

Documentation

There is no such thing as a perfect documentation so we are constantly working on improving it.

CI/CD

We believe that automation is a key to improving quality of code and happiness of developers, so we are constantly working on improving CI/CD related aspects.

Tests

A good software is a reliable software, so we are always trying to add more sensible tests.

Functional

The list below is based on the Epics maintained in Waldur's task manager. They are labelled with domains, which have requested them. Domains are:

- **Generic** - Common requirements, no extra label.
- **Academia** - originating from the research community;
- **Commercial** - originating from the commercial deployments;
- **Government** - originating from the public sector deployments.

Open or in progress

Code	Description	Domain
WAL-4077	Integrate external quality metrics of Data repositories with Offerings	
WAL-4074	FAIR Offerings - background linking of offering PIDs with published articles	Academia
WAL-4073	FAIR-services - add reminders for users about referrals of consumed resources via PIDs	Academia
WAL-4072	Expose summaries of Offerings publicly	Academia
WAL-4000	Allow to limit visibility of Offering by service provider	Academia Commercial
WAL-3999	Support for customer credits	Academia Commercial Government
WAL-3997	Add common limit management support to HomePort	Academia Commercial
WAL-3987	Extensions to SLURM module	Academia
WAL-3964	Implement consolidated approach for remote user accounts management in marketplace offerings	Academia
WAL-3963	Make order confirmation message a common functionality for all Marketplace	Academia Government
WAL-3951	Implement more fine grained storage of user name	
WAL-3943	Shared Openstack Tenant provider phase I	Academia
WAL-3934	Functionality specific to deployment of Waldur in Puhuri project as Core	Academia
WAL-3811	Improvements to feedback collection	Government

Code	Description	Domain
WAL-3805	Direct LDAP support for Linux identity	Academia
WAL-3793	Tasks related to simplification of the invoice model	Government
WAL-3788	Add ability to see popularity of an offering from the list	
WAL-3759	Add support of versioning for core objects	Government
WAL-3744	Add support for creating / managing projects and resources through API of external Waldur	Academia
WAL-3736	Allow protecting resources from accidental deletion	Government
WAL-3689	Expose list of connected VMs for each security group	Government
WAL-3626	Add ability to generate API docs for select endpoints	Academia
WAL-3625	Migrate from Issue types to Request types for Jira support backend	Government
WAL-3606	Introduce Organization level service manager role	Government
WAL-3596	Allow logins to Rancher via keycloak	Academia Government
WAL-3595	Expose port management for OpenStack tenant	Government
WAL-3589	Expose Sankey diagram with costs and Service providers	Academia
WAL-3585	Rancher access group management	Academia Government
WAL-3582	Allow editing of invoice data for staff users	Government

Code	Description	Domain
WAL-3563	Tasks related for getting Puhuri Core to work	Academia
WAL-3524	Add support for sending notifications to users	Commercial
WAL-3439	Add support for bookmarking offerings as favourites	Academia
WAL-3400	Tasks related to gitlab dev pipelines	
WAL-3339	Offerings (Reporting)	
WAL-3334	Introduce vault for storing secret configuration in Waldur	
WAL-3305	Chart for creating overview of existing organizations	
WAL-3285	"Some of the services suggest purchasing of connected offerings	To Do
WAL-3272	Allow setting limit for the maximal size of the total volume type quota	Academia
WAL-3218	Payment profiles (Phase III)	
WAL-3205	UX stabilization (phase I)	
WAL-3195	Improvements to the request-based item UX	
WAL-3136	Marketplace Checklists (phase II)	Commercial
WAL-3135	Support for auto-scalability of Waldur running on K8S	
WAL-3103	Second phase of support for virtual routers in OpenStack.	Academia Government
WAL-3076	Extend current model with ability to attach VMs directly to external networks	Academia Commercial

Code	Description	Domain
WAL-3072	Support for operations on multiple objects	Commercial
WAL-3005	Followup tasks for payment profiles	Government
WAL-2991	Markeplace Scripts plugin phase I	Academia Commercial
WAL-2965	Enhancements to properly support virtual security gateway use-case	Government
WAL-2961	Tasks related to Kubernetes ON service development and operation	Government
WAL-2922	Tasks for exposing Offerings publicly	Academia
WAL-2921	Extending Organization extended payment options	Government
WAL-2920	Tasks related for extending Waldur with ability to assess compliancy of organizations	
WAL-2850	Extending Rancher to support Helm charts	Government
WAL-2843	Tasks related to building up monitoring for EOSC	Academia
WAL-2780	Integration of PID services with Waldur models	Academia
WAL-2776	A visual checklist for making sure that things are done for the project	Government
WAL-2749	Tasks connected to improving security of Waldur	
WAL-2748	Collection of tasks aimed at improving UX of Waldur	
WAL-2747	Operational tools for Waldur deployments	
WAL-2676	System for lightweight offering management	
WAL-2637	Support for creating Rancher clusters	Academia

Code	Description	Domain
WAL-2623	Introduce license support for OpenStack	Commercial
WAL-2519	Improvements to VMware plugin	Commercial
WAL-2401	Implement device booking feature	Academia
WAL-2134	Further developments of Marketplace	
WAL-1442	Enhancements to Waldur for service provider visibility	Commercial
WAL-1309	Implement backend and frontend support for managing JIRA as a provider and issues as resources	
WAL-1262	Efforts for getting Waldur into Redhat container store	
WAL-1212	Reanimate Zabbix plugin	
WAL-1056	IPv6 support for OpenStack provider	Academia Commercial Government
WAL-868	Refactor cost tracking	
WAL-842	On-demand demo environment from waldur.com	
WAL-791	Stress testing & Profiling (vol 1)	
WAL-500	Waldur-specifics for ISKE H audit	Government
WAL-198	Resource retention management	Academia Commercial Government
WAL-44	Navigation FTS	
WAL-30	Quick alerts	

Finished or discarded

Code	Description	Domain
WAL-3998	Add i18n support	Academia
WAL-3976	Allow setting end of life for project	
WAL-3850	Convert OrderItems and Invoices PDF to on-the-fly generation	
WAL-3833	Add an intro header to the personal dashboard	
WAL-3804	Slurm user list	
WAL-3710	Add support for tracking historical changes to important models	
WAL-3592	Expose measured units in invoice details	
WAL-3587	Render component usage as charts in homeport	
WAL-3579	Support for description for Secgroup Rules	
WAL-3551	Extensions to request-based item offerings to support Puhuri cases	
WAL-3523	Add regular reminders for reviewing membership data of users	
WAL-3520	Add a minimal privilege project member role	
WAL-3497	Trello integration for feature requests	
WAL-3466	Support editing of organizations in homeport	
WAL-3407	Extension of checklists to personalized ones	
WAL-3306	Growth chart shows changes over time of usage	
WAL-3297	Financial overview improvements	

Code	Description	Domain
WAL-3294	Actions for setting up Waldur at VU	Academia Government
WAL-3197	ITA PKI extension improvements	
WAL-3096	Add support for OpenStack Router	
WAL-3022	Redesign of slurm module	
WAL-2989	Reports visible to support	
WAL-2967	Basic feature to track quality of handling of a ticket	
WAL-2666	Extending OpenStack integration with separate pricing for different volume types	
WAL-2646	Tickets related to extension of OpenStack driver	
WAL-2596	Drop OpenStack packages	
WAL-2590	Tasks related to VMware that are need additional analysis	
WAL-2491	VMware plugin	
WAL-2025	Tasks related to extension of MasterMind API for BDG SSP	
WAL-1988	Marketplace (3)	
WAL-1808	Waldur Marketplace (Phase 2)	
WAL-1640	Extension of ansible SDK with additional operations	
WAL-1568	Migrate tables to React	
WAL-1523	Waldur Marketplace (Phase I)	

Code	Description	Domain
WAL-1504	Implement basic support for Dutch government cloud in Waldur	
WAL-1402	Add support for MOAB provider	
WAL-1289	Add support for Jira attachments	
WAL-1288	Support view of users	
WAL-1286	Add support for LDAP-based authentication backends	
WAL-1255	Add support for Staff only VPC management	
WAL-1113	Paypal support	
WAL-1095	Basic Azure VM provider	
WAL-1060	Waldur goes to K8S	
WAL-1058	Resource import	
WAL-969	Expert provider extension	
WAL-962	Add organization self-registration	
WAL-925	Add eduGain support for authentication	
WAL-903	Improvements to invoice / accounting	
WAL-839	Miration to ES 5.x	
WAL-834	Migrate to Django 1.11	
WAL-833	Create a PoC for Expert provider	
WAL-832	Ansible module for Waldur	
WAL-793	2nd phase of Grafana dashboards	

Code	Description	Domain
WAL-790	Add ability to set cost limit on organization	
WAL-751	Support for Ansible-playbooks as application providers	
WAL-730	Waldur Mission Control (central management for Waldurs)	
WAL-722	LDAP-based SSH access provider	
WAL-713	Add TaaT authentication provider to Waldur	
WAL-701	Notifications	
WAL-686	Add support for smartid.ee IdP	
WAL-604	Basic support mode	
WAL-597	/admin improvements	
WAL-596	HomePort localization	
WAL-595	API Documentation	
WAL-568	Grafana dashbord (for operators)	
WAL-566	Predictive analysis for capacity planning (organization-view)	
WAL-511	Fixes for a broken network model	
WAL-479	Price estimation	
WAL-468	Admin and user guides (initial)	
WAL-463	Extended backup restoration	
WAL-462	Extend snapshot management	
WAL-461	Basic resource usage view	

Code	Description	Domain
WAL-454	R: Update django to 1.9.	
WAL-396	OpenStack providers pricing info	
WAL-323	Use neutron for network operations.	
WAL-297	Project policies	
WAL-289	Optimizer for IaaS resource selection	
WAL-287	Renaming of artifacts to Waldur	
WAL-270	OpenStack Tenant dashboard access	
WAL-262	OpenStack Tenant Network Management	
WAL-259	OpenStack Instance Access Management	
WAL-213	Basic policy support	
WAL-199	Provider details	
WAL-197	Customer support	
WAL-169	API Token management	
WAL-168	Extended membership management capabilities	
WAL-106	Refactoring: Update DRF version.	
WAL-88	Transactional event logs	
WAL-82	Controls for user profile updates	
WAL-79	Tenant Management	
WAL-77	Request-based Offerings	

Code	Description	Domain
WAL-76	Billing	
WAL-75	Audit log	
WAL-68	Waldur ServiceStore	
WAL-43	Waldur white-labelling	
WAL-42	Resource state display	
WAL-41	Registration	
WAL-17	Waldur HomePort L&F	
WAL-15	Waldur web page	
WAL-9	OpenStack VM backup management	
WAL-8	OpenStack Storage management	
WAL-7	OpenStack Instance management	
WAL-6	Waldur HomePort navigation	
WAL-4	VPC / OpenStack Tenant purchase	
WAL-3	Organization team management	
WAL-2	I want to be able to manage my SSH keys	

Last update: 2021-05-06