

## EPAM CLOUD ORCHESTRATOR 2.5.172 RELEASE NOTES

EPAM Cloud Orchestrator version 2.5.172 was released on April 18, 2020.

### NEW FEATURES

- New virtualization region – EPAM-US2 (Edison) – is now available for personal projects.
- Prices for EPAM-US2 personal resources were reduced to half with LARGE shapes available in April 2020.
- Machine image library is updated.
- Hardware Macmini servers with new MacOS Catalina 10.15.3 are available in dedicated EPAM-MAC region (Minsk datacenter).
- Migration to the new Chef v.13 server and Chef Client v.15.4 is completed.
- Initial integration with HashiCorp Vault was enabled to store sensitive data.
- Prices for MEDIUM shapes was reduced for private regions.
- Billing with tags is now available for Azure.

### DOCUMENTATION

All changes and updates to the EPAM Orchestrator functionality were reflected in the documentation and other EPAM Cloud resources. With the release of EPAM Orchestrator 2.5.172, the following documentation updates were made:

- [Maestro CLI User Guide](#) was updated with changes on Hardware MacOS, instance termination, and working with volumes.
- [Quick Start Guide](#) was updated with the information on personal projects and Hardware MacOS.
- [Hybrid Cloud Guide](#) was updated with changes about machine image libraries and instance termination.
- [EPAM Cloud Services Guide](#) was updated. Information about the Magento service was removed.
- [EPAM Cloud Knowledge Base](#) was updated and restructured.

### IMPROVEMENTS

- ACS. data\_interface functionality was ported to Chef ver. 15.
- ACS. Jenkins mirror stability at installation and configuration was improved.
- Admin CLI. A new command was implemented that returns the list of instances in all regions in EO node.
- Admin CLI. Networking commands were unlocked for Openstack zones.
- AWS. EC2Launch service was introduced to replace the EC2Config.
- Billing. Chargeback report by tag was implemented for Azure.
- Chef recipe. Cookbook for deploying the Gerrit service was introduced based on Chef ver.13.
- Chef. Recipe. Cookbook for deploying RabbitMQ was introduced based on Chef ver.13.
- Chef. Recipe. Cookbook for deploying the Docker Registry service was introduced based on Chef ver.13.

- Chef. Recipe. Cookbook for deploying the Graylog client was introduced based on Chef ver.13.
- Chef. Recipe. Cookbook for deploying the load-balancing service was introduced based on Chef ver.13.
- Chef. Recipe. DOS. Swampit lightweight user interface was deployed for the Docker service on Chef ver.13.
- CLI. Display of the machine image related audit events was improved.
- PaaS. Service availability checker for RDB services was rewritten.
- Security. AWS vulnerabilities were resolved.
- Security. Google vulnerabilities were resolved.

## ISSUE FIXES

- ACS. PaaS. Docker. Nodes are not removed from the cluster.
- ACS. PaaS. Kubernetes dashboard does not become available.
- CLI. Audit events for single image cannot be obtained for a period more than 100 days.
- Reporting. 'CloudFormation stack stack\_name Run' notification is sent to the primary contact.
- UI. Audit. Project is null within in the Content View for a group machine image.
- UI. Forms. Mobile. Page Content is not shown after clicking the Edit button for the Delegate action.
- UI. Forms. Mobile. Quota amount section with available options is absent from the 'Activate region' form.
- UI. Forms. Mobile. Warning message isn't displayed after entering invalid IP-address to the Configure bans form.
- UI. Forms. Mobile. Warning message isn't displayed after importing the key that exists in region
- UI. Forms. Mobile. Warning message isn't displayed after the schedule is applied without selecting the instance.
- UI. Management. Build version is missed from instance`s details in Content View for GCP and Azure regions.