

EPAM CLOUD ORCHESTRATOR 2.1.122 RELEASE NOTES

EPAM Cloud Orchestrator version 2.1.122 was released on May 19, 2018.

NEW FEATURES

- The Beta version of integration with Exoscale was implemented.
- Logical Volume Manager is removed from all Linux images.
- A set of Azure improvements is introduced:
 - Managed disks usage is implemented.
 - Resource Groups management is updated.
 - Data synchronization is improved.
 - Security approaches were improved.
- A set of project management improvements were made:
 - Project activation is put to self-service.
 - New regions activation is put to self-service.
 - Personal projects activation process is updated.
- Kubernetes as a Service is updated and now is run with Kubernetes v.1.9

DOCUMENTATION

All changes and updates to the EPAM Orchestrator functionality are reflected in the documentation and other EPAM Cloud resources. With the release of EPAM Orchestrator 2.1.122, the following documentation updates were made:

- Azure information was updated and information about Exoscale was added to the [Hybrid Cloud Guide](#).
- The information about project and region activation was added to the [Account Management Guide](#).
- Personal project activation was updated in the [Quick Start Guide](#).
- Kubernetes information was updated in the [EPAM Cloud Services Guide](#).
- [Maestro CLI User Guide](#) was updated according to Maestro CLI updates.

You can always find the full set of EPAM Cloud documentation on the [respective page](#) on our [web-site](#).

IMPROVEMENTS

- Admin CLI. A command is implemented to get all active resources list by zones.
- Admin CLI. Instance duplicates are verified in scope of the billing health check operation.
- Admin CLI. Orchestration node name is added to orchestration console shell.
- Admin CLI. Project adjustment setting is forbidden for projects in deactivated zones.
- Admin CLI. The --hide parameter is set as a default one in the 'image hide' command.
- Azure. A quick volume describer mechanism is created to work with the resources in transition state.
- Azure. Instance transition state describer is improved for the work in simple mode.
- Chef Recipe. Kubernetes template is updated up to 1.9 version.
- CLI. Commands for Kubernetes management were implemented for OpenStack regions.
- CLI. Mechanism is developed for detecting instance configuration changes made over Exoscale console.

- CLI. The owner is added in the 'or2-describe-keypairs' command output for Exoscale regions.
- CLI. User-friendly warning messages instead of regex are added to the or2rdb command in case a user enters invalid parameters.
- EO Core. Instance launch time for OpenStack regions was improved.
- EO Core. No INSTANCE_STARTED events are triggered after the live migration of the instance.
- EO Core. The --force parameter is added to the or2-describe-instance command for the quick retrieving instance details and separating regular describers from fast processes.
- Maestro Diagnostic. Internal billing notification procedure was improved.
- Maestro Diagnostic. Internal security check procedures were updated.
- Reporting. An empty Project Contacts report is not sent.
- Reporting. Project Contact Error notification was improved.
- Reporting. The Low Instance Utilization report is not sent for VMs in 'stopped' state or under 'stop' or 'start' schedule.
- Security. A mechanism is developed for the regular vulnerability Nessus scanning.
- Security. Default user role permissions map was updated.
- Security. Direct user access is removed from Azure portal after the project closure.
- Security. If the instance security settings change and violate the EPAM policy, instance is automatically scanned.
- UI. The information is added to the Security section for AWS Inspector/Flow Log/Guard Duty events.

ISSUE FIXES

- ACS. Chef client is installed on instances in EPAM-CSA-ESX zone.
- ACS. Jenkins slaves are available for use and properly integrated to master slave pool.
- ACS. MsSQL service obtains 'available' state after activation in OpenStack regions with the or2db command.
- Admin CLI. 'sshKeySet = true' for ExoScale instance created with SSH key.
- Azure. Instances don't freeze in rebooting state after invoking the or2reboot command.
- Azure. System volume is not detached from the instance and is terminated together with it.
- Azure. When several instances are stopped simultaneously, all of them obtain 'stopped' instance instead of 'stopping' one.
- CLI. AWS stack resources can be described with the command or2-describe-aws-stack-resources with 'physical-id' parameter.
- CLI. Azure. Volume is deleted after the or-delete-volume command execution.
- CLI. Instance in Exoscale region changes state to 'stopped' after executing the or2stop command.
- CLI. 'isWindows = true' value sets for an Azure windows instance created from a project image.
- CLI. 'Key name <incorrect_key-name> was not found for the project <project_ID> and region <region_ID> response is sent for 'or2-describe-keypairs' command with incorrect key-name parameter.
- CLI. VLAN name remains the same for an instance in OpenStack regions after moving to another project.
- Reporting. CSV. "UsageEndDate" parameter is set according to the time when it was deleted in resource type report.
- Security. Export from internal Nessus server proceeds successfully. A corresponding report is sent to the recipient.

- Support&Consulting. Configuration file is received as a response for the user data request.
- UI. After clicking the Sign In button, the home page opens.
- UI. Auto-complete mechanism for tags field is present.
- UI. Previous searching by tag result is not shown after navigation through the site. Information on page corresponds to chosen project/region.
- UI. User can scroll values in auto-complete mechanism for tags field as the items names are the same in auto-complete box and in tag field.