

EPAM CLOUD ORCHESTRATOR 2.1.134 RELEASE NOTES

EPAM Cloud Orchestrator version 2.1.134 was released on November 10, 2018.

NEW FEATURES

- EPAM-RU3 region is introduced (based on Open-Stack Queens). EPAM-RU2 gradual degradation started.
- SSD drives completely replace HDDs in EPAM-UA2 and EPAM-US2
- Google Cloud integration improved:
 - Regular Nessus scan is introduced.
 - Security groups check is enabled.
 - Unusual activities report for Google regions is introduced.
- Terraform service improved:
 - Terraform wizard is introduced.
 - Terraform management with CLI is improved.
- Default Chef is migrated to Ubuntu 16 and Chef version 12.
- Cloud costs sharing procedure is introduced and described.

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 2.1.134, the following documentation updates were made:

- The [Cloud Costs Sharing Policy](#) was introduced to provide flows and guidelines on sharing cloud-related costs between several projects.
- The [Maestro CLI User Guide](#) was updated according to functionality changes.
- The [EPAM Cloud Orchestrator Services User Guide](#) was updated with the information about Terraform.
- The [Hybrid Cloud User Guide](#) was updated according to changes in Google, Azure, and AWS integration.

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

IMPROVEMENTS

- Openstack. Now the user can change shape for instances on HDD disk type to SSD.
- Admin CLI. A command to refresh Google account credentials is added.
- Admin CLI. Setting adjustments on default zone for Cloud provider is enabled.
- CLI. Terraform. Audit events for terraform template files management are enabled.
- CLI. Terraform. Commands error messages are optimized.
- ACS. Kubernetes. Service installation time in private regions is reduced.
- UI. Forms. MS Azure icon on the Dashboard is updated.
- OpenStack. The default security group is now assigned to instances created in custom VLANs.
- Terraform. Apply/Plan/Destroy actions are denied for invalid templates.

- CLI. 'or2-describe-projects' output was improved: inactive regions are shown only with the --inactive flag.
- EO Core. Infrastructure type audit events are stored by public/enterprise image updates.
- EO Core. Infrastructure type audit by OpenStack hosts changes is introduced.
- Google. IAM users monitoring improved.
- EPC Analytics. VM Count KPI is more accurate and does not include the VMs in MISSING state.
- EO Core. The handling of empty response from UPSA by user existence is improved.
- EO Core. Proper exceptions were added for specific API calls requested for inactive zones.
- Billing. Usage Type codes for records which has no availability zone property are supported.
- ACS. Migrate Default Chef to Ubuntu 16 and Chef version 12
- Reporting. Billing report CSVs are improved with the Resource Name, Description, and Resource ID columns.

ISSUE FIXES

- ACS. Chef 11. Services with DataInterface::Env* pattern in receipt do not become available.
- ACS. RDB. Failed to connect to MSSQL database.
- ACS. RDB. MsSQL service with custom flavors does not become available after restart on OpenStack.
- Admin CLI. Failed to set SSD project shape if no HDD flavors are available in zone.
- Admin CLI. The 'aws_security_save_groups' command performance issue.
- Admin CLI. Unexpected problem occurs during execution 'arm check_config' command if specify not-existing project.
- Analytics. Radar. Bad numbers in KPIs from Infrastructure Utilization group in the 1st day for zones with per-second policy applied.
- CLI. Google. A tag isn't deleted from volumes after 'or2deltag' command execution.
- CLI. 'Illegal number: 10.0.2' string is shown in CLI for Java 10.0.2 version on Linux.
- CLI. ImageID is absent in the 'MACHINE_IMAGE_DELETED' audit event.
- CLI. Incorrect response is shown for the 'or2report' command in case user's credentials are expired.
- CLI. Schedule's 'nextExecuteTime' has 'GMT' time format instead of 'UTC' in 'or2-describe-schedule' command.
- CLI. Terraform. Error is occurred after the 'or2ter' command execution with apply/destroy/plan actions.
- CLI. The 'or2audit' command fails to retrieve information during 5 minutes timeout.
- CLI. UI. Forms. User is able to change owner for hardware server via CLI/UI.
- CLI. User receives 'Null' message for or2dsn command with incorrect subnet_ID in OpenStack regions.
- EO Core. Terraform. Working with Terraform templates is broken, after user uploads a template with the name that was already used before.
- EO Core. Year-old resources related audit is not available through or2audit command after events archiving
- Networking. IP addresses are not allocated after 'or2alsip' command execution in a CSA region.
- Quota. SINGLE region quota is created during project activation if 'EACH' quota type was added.
- Reporting. Incorrect month is shown in Sponsor Summary report subject.

- Reporting. Incorrect quota rule is applied for bar chart in 'Daily Threshold Exceeded Alert' notification.
- Reporting. Project Sponsor Summary report is sent to users that do not have Project Sponsor position.
- Security. Security Scan isn't performed for Azure project with custom Security Groups.
- UI. Failed to retrieve audit events from project group at web management console.
- UI. Radar. Not all 'EPAM' regions are shown in deep dive diagram controls when a single region is selected in the tree.
- UI. The 'user' prefix is set for existing tags after adding a new tag to the resource.