# EPAM CLOUD ORCHESTRATOR 2.1.56 RELEASE NOTES

EPAM Cloud Orchestrator version 2.1.56 was released on November 7, 2015.

## NEW FEATURES

- A number of service delivery changes took place during the past month.
- We improved the Cost Estimator to make it more informative, and allowed estimating hardware resources.
- We improved the Run wizard to make it more user friendly and informative.
- Adobe AEM Service was implemented.
- Relational Database Service was introduced.
- A number of security updates were introduced.
- A number of maintenance and support features were enhanced.
- Documentation unification and restructuring process goes on.

## DOCUMENTATION

We started reorganizing the existing documents, combining them by topics. The table below describes the changes we introduced:

| | New document | Old documents and parts that were added |
|---|---|---|
| 1 | Maestro CLI: Quick Start | <ul><li>Maestro CLI: Quick Start</li><li>Maestro CLI: Setup Guide</li><li>Quotas Guide (Personal Projects and quotas)</li><li>Subscriptions Guide (User subscriptions management)</li></ul> |
| 2 | Maestro CLI User Guide | <ul><li>Maestro CLI: Developer's Guide (partially)</li><li>Maestro CLI: Reference Guide</li></ul> + Multiple workspaces |
| 3 | EPAM Orchestrator Services Guide | <ul><li>Cloud Services: reference Guide</li><li>Cloudify Service Guide</li><li>Auto Configuration: User Guide</li><li>Checkpoints: User Guide</li></ul> + Images Manipulation<br>+ Checkpoints Manipulation<br>+ Static IPs Manipulation |
| 4 | Hybrid Cloud Guide | <ul><li>AWS Utilization Guide</li></ul> + Azure usage |
| 5 | EPAM Orchestration Account Management | <ul><li>Subscriptions Guide (manager's part)</li><li>Project Management: User Guide</li><li>Quota Utilization Guide (except for Personal Quotas)</li><li>Billing Guide</li></ul> + Hints to optimize costs (Appendix) |

Please feel free to provide your feedback on documentation to our Consulting team or to Svitlana Ostnek directly.

# IMPROVEMENTS

- ACS. Udated ep_chefattributes parsing mechanism for complex value.
- ACS. Updated graylog server and client cookbooks.
- ACS. Azure. Zabbix-server cookbook improved.
- AWS. Project DLs creation was automated.
- Azure. Shapes larger than XL are enabled.
- Billing. Data model for price calculator was updated.
- CLI. Reporting by Azure regions is allowed.
- CLI. Instances run and start operations with expiration are supported.
- CLI. Jenkins manipulation updated.
- CLI. Some commands output improved.
- CLI. Client version update notification created.
- CLI. Schedules are validated for cron conflicts.
- CSA. Volume ID detection mechanism is updated
- Docs. A number of documents restructured and updated.
- EO. Project info update from UPSA is improved.
- EO. A number of internal flows updated and optimized.
- Maestro Stacks. Validation against maestro-stack xsd schema for maestro stack templates is added
- Mail. Checkpoints lifetime report complemented with the Instance column.
- Mail. Monthly instance run report introduced.
- Mail. Some reports layouts were reviewed and updated.
- Reporting. Volumes billing mechanisms updated
- Reporting. Billing month closure procedure improved.
- Reporting. The user is allowed to generate reports my all hardware servers via Maestro CLI.
- Reporting. The total value in EPA< Cloud report is verified with the Amazon total value
- Reporting. Billing by Azure regions is enabled
- Reporting. Manager's report. Service usage report improved with statistics by Azure.
- UI. InstanceID includes a link to Management page with VM details
- UI. Cost Estimator. Compute instance price split by items.
- UI. Monitoring. ACS KPI selection diapazone is expanded from hour to week.
- UI. Wizards. Stack Builder layout improved.
- UI. Wizards. Run wizard improved.
- UI. Wizards. Manage cloud: Quotas management improved.
- UI. Wizards. Manage cloud: The wizard is allowed for Account Managers
- A number of admin commands improvements was introduced.

# ISSUE FIXES

- ACS. Auto configuration state wasn't changed to FAILED when it's actually failed
- ACS. Chef client wasn't installed on CentOS6_64-bit ACS. Problem description and RNI instances calculated wrong in Chef monitoring report
- Admin-utils. A number of admin-utils tools issues were fixed.
- AWS. Describe instances mechanism for AWS AMI is broken

- AWS. User requested temporary access is able to create/modify instance's security groups.
- AWS. Docker registry can't become available.
- AWS. Push to private Docker registry failed on AWS
- CLI. An event from System user is signed by other user
- CLI. Chef. Can't activate chef service from "chef-epc" and user mode
- CLI. or2-describe-projects command does not work for deactivated items
- CLI. Incorrect user is displayed in or2audit response when instance was started over CSA
- CLI. Instance stops on expiration parameter each time, if started from infrastructure
- CLI. Reporting. Other instances included in report by specific instance owner
- CSA. Volumes have zero value for sizeMB field.
- Mail. Email Notifications with instance state are not sent when action was performed over CSA for EPAM regions
- Mobile. Audit. Older Audit events are not loaded to the list.
- Mobile. Management. Action confirmation dialogues have different types and placement on page.
- Mobile. Management. Headers' placement in content table is changed when Instance details page was opened.
- Mobile. Management. Spinner is not centered on screen when Filters or Organize variants are used.
- Monitoring. Zabbix clients can't become available for zabbix server
- Reporting. Incorrect styles for "Billing month is closed" report.
- Reporting. Instances list from Optimization category display wrong items list in Trend's details.
- Reporting. Parameter eTag does not work for multi-accounts
- UI. Main toolbar has excessive hints.
- UI. Audit. Audit page includes 'undefined' events.
- UI. Audit. "Found new items" are not showed on the new audit events appearing
- UI. Auto refresh doesn't recover after hide right content view area
- UI. Management. Search results do not match with search request.
- UI. Site. Styles for 404 web-page on site are broken
- UI. User with no projects assigned redirected back to Management page on Cloud icon click.
- UI. Management. Related audit events are not available for instances without audit for last 100 days.
- UI. Mobile. Audit. Sections are separated differently on "Info" page.
- UI. Warning icon is missed for regions with errors on Status and Healthcheck pages.
- UI. Management. AWS instances details section controls Chef section
- UI. Management/Audit. Sections borders are short in the Content view.
- UI. Management/Audit. Scroll is displayed in the center of the Content view section.
- UI. Management. Content view elements list does not correspond to or2din --full command response.
- UI. Management. Left Content view scroll does not work.
- UI. Radar. Radar doesn't work properly due to rounding issues.