

## EPAM CLOUD ORCHESTRATOR 2.1.90 RELEASE NOTES

EPAM Cloud Orchestrator version 2.1.90 was released on February 25, 2017.

### NEW FEATURES

- Integration with Google Cloud introduced.
- Hardware pricing changed.
- Low utilization AWS analytics introduced.
- Scheduling by tags and regions introduced.
- Quick requests for AWS support are introduced on Cloud Management Console.
- Artifactory as a service is introduced.
- AEM, ATG, Sonar, Hybris as a Service were updated.
- A number of Maestro CLI improvements were introduced.
- Training program with technical experts from AWS was started.
- EPAM Cloud Best Practices trainings were delivered.

### 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 2.1.90, the following documents were updated:

- [EPAM Cloud Services Guide](#) was updated with the new Artifactory as a Service info; descriptions of Hybris as a Service, ATG as a Service, Sonar as a Service and AEM as a Service were updated to reflect the functionality changes
- [Maestro CLI User Guide](#) was updated with the new commands and existing commands changes
- [Account Management Guide](#) was updated with the information on the Google billing specifics
- [Hybrid Cloud Guide](#) was updated with the information on integration with Google Cloud platform
- The [EPAM Cloud website](#) was updated to reflect the current functionality

### IMPROVEMENTS

- Admin CLI. The tool performance was improved.
- Audit. Chef. When the config file is received, the audit record is renamed from "SERVICE\_ACTIVATED" to "SERVICE\_CONFIGURATION\_RECEIVED" .
- AWS. Amazon Client Entity Exception handling added.
- AWS. CloudTrail event JSON structure for instance limit exceeded error is supported.
- AWS. IAM configuring process during project activation is improved.
- AWS. SSO. An option to block SSO access for some users is enabled.
- AWS. SSO. AWS accounts aliases were supported.
- AWS. SSO. The possibility to create user groups with custom permissions policy for authorization is added.
- AWS. The existing S3 bucket for CloudTrail logs are not overwritten during activation of new zones in EPC.

- AWS. VM level analytics time scope is increased to 6 months.
- Azure. Running instance is allowed if Chef is not configured in the target region.
- Chef. Chef-client from private storage for Openstack was installed.
- CLI. A number of command responses were improved.
- CLI. Financial quota depleted alert text updated.
- CLI. Second static IP cannot be assigned to a VM,
- CLI. Sonar service managing commands were updated.
- CLI. Spaces are not treated as a part of property in or2setp command any more.
- CLI. SSH keypair import operation from local file for Azure is supported.
- CLI. Status info is added to the responses of some commands related to Sonar,
- CLI. The list of images supported on OpenStack regions is updated.
- CLI. The or2-aws-decrypt-password is renamed to or2-decrypt-password.
- CLI. The or2dpro command now shoes the linkedTo project property.
- CLI. The response of the or2-audit command now has both “instance” and “stack” parameters.
- Core. EPAM and AWS regions now have location property which is provided to users as pop-ups
- Mail. 'Project Activation Info' notification is now sent if project is activated automatically or in second time.
- PAAS. The response message of or2-change-mode command is changed for cases when the operation is denied due to service unavailability.
- Reporting. “Daily threshold exceeded alert” is not sent for EPAM regions any more.
- Reporting. “Daily threshold exceeded alert” is now sent for Azure regions, too.
- Reporting. Quota type for personal projects is changed from EACH to ALL.
- Reporting. Quotas. Azure regions are separated from EACH\_EPAM to EACH\_AZURE.
- Reporting. The personal quota levels for new PMC roles are set up.
- Security. The JSESSIONID cookie is set up.
- Support L1.5 is notified on Pm’s decision o Unusual Activities detection
- UI. AWS SSO JSON structure was updated.
- UI. Copyright label updated.
- UI. Manage Tag. The “Set Tag” algorithm is changed.
- UI. Set instance owner procedure improved.
- UI. The “VNC console” icon is removed from resources in EPAM-DKR region.
- UI. Wizards layout improved.

## ISSUE FIXES

- AWS SSO. Errors in processing data for ADFS.
- AWS. A billing record with startUsage for future date is added to database incorrectly.
- AWS. A project automatically activates as unreachable if it uses unreachable and reachable AWS account.
- AWS. Unexpected error occurs while processing AWS unusual activity.
- Azure. Instance is lost during creation in all Azure regions except JE-QA, NCUS-QA and NEU-QA.
- Azure. Instance stucks in waiting for ACS-Success. SSL certificate error occurs.
- Chef-EPC. Custom ChefHost use old DNS Name when DNS Name was changed after stop instance.

- CLI. "Internal Server Error" is shown in response for manage property commands if volume does not exist
- CLI. "Maintenance is in progress" message in response for or2access command if client version is outdated.
- CLI. ATG Service. Maestro Stack is finished while service is in activating state.
- CLI. AWS. Terminated instances from linked projects stuck in active state in EPC.
- CLI. Decrypted password contains wrong encoded symbols for AWS instances.
- CLI. Failed to get or2report by owner if owner user is not assigned on the project.
- CLI. Files of all types should have content-type 'application' not 'text'.
- CLI. Internal Server Error occurs for 'or2-describe-instances' command with 'all' region parameter.
- CLI. Internal server error occurs for or2price command in Hardware region.
- CLI. Invalid error message for or2report command -t quota for a deactivated personal project.
- CLI. Invalid user sets as instance owner by execution 'or2-change-owner' command with invalid 'name' and 'email' parameters.
- CLI. Message is null in 'or2-import-key' command response if specify not public SSH key file.
- CLI. or2report with type quota -t is not applicable for personal projects.
- CLI. or2start and or2reboot commands remain blocked when quota with action "Deny Run VM" becomes disabled.
- CLI. Quota utilization report is broken for active linked projects.
- CLI. Unexpected behavior occurs if deactivate Docker Slave while Docker Master has 'error' state.
- CLI. Unexpected behavior occurs if execute 'or2-audit' command with 'project' audit events group for the last 100 days.
- CLI. User can update manager and customer accounts by execution 'or2-update-eo-account' command.
- CLI. Wrong response in case of unsupported file extension detected in or2-upload-file.
- CSA. Instance failed to run with Windows images in EPAM-UA1 region.
- CSA. Instance has running state in EPC, but it was turned off by user 7 days ago.
- Default owner is not refreshed from primary contacts for linked projects.
- EO account. Some EO accounts have no emails.
- EO Core. Run instance stack fails for Windows image with SSH Key in OpenStack zone.
- EPAM-KZ1. Failed to run instance with Ubuntu16.04\_64-bit image.
- JobFunction mapping resets to default, if it is missed in core maestro settings.
- KZ1. ACS is UNKNOWN on Win8-64 image.
- Maestro Stack. Mode option 'skip' doesn't work for associateStaticIp command.
- Mail. User receives 'access token notification' by expired CLI access in previous year.
- Managers report. Customer from parent project is not taken for linked items.
- Mobile. Management. Empty line is shown after last instance in the list.
- Mobile. Monitoring. Cloud watch KPI. Time line overlaps for 2 week zoom.
- Mobile. Monitoring. Cloud watch KPI. Time scale shows only last date in 3 days zoom.
- OS. Detached storage has available state instead of ready.
- OS. Gerrit owner cannot become admin after service activation.
- OS. Instance created from custom image with several storages, doesn't contain additional storages.
- Report. Notification is not sent when the user approves/rejects unusual activity for several times.
- Reporting. " Daily Instance Quota Change Approved" Notification is sent twice.
- Reporting. Quota gets status exceeded before current utilization reaches the quota value

- Reporting. Weekly security report is sent without security groups in attachments.
- SDK. 'Run instance' stack executes by System after 'Run New Instance Approve' action.
- Security. A set of scan-related improvements were introduced.
- UI. 404 error is shown after deactivating personal project.
- UI. Audit events are not displayed if the 'Related events' link from 'Event Snapshot' notification is opened.
- UI. Cost Estimator. Machine image Reservation is measured in Hours not in months by default.
- UI. Dashboard. Global menu link is broken.
- UI. 'Help' link redirects to blank page if click it twice.
- UI. Help. Breadcrumbs link doesn't refresh if click 'go back' in the browser.
- UI. Help. Cost Estimator. Calculator displays in a wrong way. Help text is not shown.
- UI. Manage cloud wizard. Edit quota notification plan. Checkbox "Deny run VM" is checked by default for projects without quotas.
- UI. Manage Cloud. Help is not available in wizard.
- UI. Manage Cloud. The "Resource quota" option is absent in the Settings list.
- UI. Manage Service. Internal Error occurs while adding instance to monitoring with template which is missed on Zabbix server.
- UI. Manage service. Message is null as a result of changing chef mode to epc for project with exceeded quota.
- UI. Manage service. Parameter IpHash has always false value while adding instance to balancing group.
- UI. Management. Filters pop-up is not closed after item selection.
- UI. Management. Unexpected behavior for AWS VMs tag setting.
- UI. Message about unsubscribe email notification is not shown after click on "disable all" control.
- UI. Mobile. 'AWS Console' wizard is not displayed on Dashboard for user with AWS account projects.
- UI. 'prefix' value doesn't fill automatically if user doesn't set it while creating instance tag.
- UI. Quota types are not sorted alphabetically for quota notification plan.
- UI. Radar. Filters section on Radar page doesn't work.
- UI. Radar. Infrastructure utilization KPI's metrics has the same values for all Azure regions.
- UI. Run. Incorrect template is selected with Next-Prev steps navigation.
- UI. Security. 'Scan Now' button is displayed for user who doesn't have 'Scan\_Instance' permission.
- UI. Status Dashboard. Zone position of "AWS-EUCENTRAL" is changed when hover mouse to last zone in row.
- UI. There is asset of layout issues on Schedule Wizard.
- UI. Mobile. Wizard icon is not shown on "Activate/Deactivate personal project".
- UI. Mobile. "Start instance" checkbox is truncated on customize subscription page.