

## EPAM CLOUD ORCHESTRATOR 2.1.77 RELEASE NOTES

EPAM Cloud Orchestrator version 2.1.77 was released on September 3, 2016.

### NEW FEATURES

- New region, EPAM-IN1, introduced
- Splunk as a Service is implemented
- Magento as a Service is implemented
- ATG as a Service is implemented
- Existing platform services are improved
- IAM user control by native Orchestrator tools is implemented

### 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 2.1.77, the following documents were updated:

- [Maestro CLI User Guide](#) new commands and parameters related to newly-introduced platform services have been added
- [EPAM Cloud Services Guide](#) description of new and enhanced platform services has been added
- [Hybrid Cloud Guide](#) information on the new IAM user-related command has been added
- Minor changes and updates to other documents and the [EPAM Cloud website](#) content reflecting changes in the Orchestrator functionality have been made

### IMPROVEMENTS

- ACS. Load-balancer configuration processing improved.
- ACS. SSL certificate \*.orchestration.epam.com was updated
- Admin CLI tool was reviewed and improved.
- AWS. Instance tag details display improved
- AWS/Azure. CA certificates for Docker services updated
- Billing. Billing engine improved.
- CLI. Maestro Stack templates processing improved.
- CLI. or2-create-and-attach-volume command is prohibited for instances in transitional state.
- CLI. or2-describe-instance-properties command output improved.
- CLI. or2-help command is complemented with the --project parameter to enable check of the commands available for the specific user on the specified project.
- CLI. or2-terminate-instance command now has the ignoreState parameter applied by default
- CLI. or2-update command is complemented with the --verify parameter.
- CSA. An offering is supported to reject runInstance operation in case of lack of capacity.
- CSA. Failed subscriptions are regularly detected and deleted.

- Maestro Stacks processing improved.
- Maestro Stacks. Eo-maestro-diagnostics parameter is added to the Configuration step
- OS. ACS for Windows images in OpenStack regions.
- OS. Instance management actions are blocked for instances on which volumes/instances operations are in progress.
- OS. Suspend instance operation improved.
- Reporting. Billing health-check improved.
- Reporting. Hybrid Cloud billing processing is updated.
- Reporting. Month closure procedure improved.
- Reporting. Rounding rules were improved.
- Reporting. SL report layout improved.
- Schedules. Suspended state is not considered to be a failure after schedules with the STOP action
- UI. Announcement section layout improved.
- UI. Charts colors improved.
- UI. EPAM Global Menu button is added to the main toolbar.
- UI. Management. Icons for security tabs are configured depending on the riskFactor.
- UI. Management. VNC Console call is limited by the icon area.
- UI. Mange Cloud wizard responses updated.
- UI. Monitoring. Last-hour KPIs Comments provide analytics based on hours, not on days.
- UI. Reporting. Chargeback reports up to year back are allowed.
- UI. Request for Support wizard links are updated.

## ISSUE FIXES

- ACS. 500 "Internal Server Error" written to client.log but ACS state is Success
- ACS. EPAM-BY1. Hybris-large is not activated.
- ACS. Maestro-cli can't be installed on windows instances.
- Admin CLI. Admin CLI failed to start.
- Admin CLI. Admins cannot be set to a region.
- Ambari. Create cluster action returns "Nothing to show".
- Ambari. No action "delete" in or2ac help.
- Ambari. The service becomes unavailable after i's cluster termination.
- AWS. AWS images healthcheck report showing only 4 regions.
- AWS. AWS-EUCENTRAL. CLI. Docker container ID in Docker instance and Docker cluster token in Mongo are the same.
- AWS. AWS-EUCENTRAL. Debian\_7\_64-bit instances are constantly stopping
- AWS. Base autoconfiguration failed on Centos7\_64-bit.
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- AWS. Single instance report shows zeroed values.
- AWS. System volume mark is set to null on add and attach volume action.
- Azure. Cannot login to VM with ssh key.
- Azure. Unexpected behavior occurs on tag management commands execution.
- Azure. Volume is not marked as deleted after instance termination.
- CLI. "--audit" parameter blocks permissions to perform or2din operation for all regions

- -- `or2vmst` is defined as mandatory for `or2ms`
- CLI. `verify` returns "Operation is not supported" for operations that are supported for EPAM Cloud users.
- CLI. AWS. System volume label resets after the detach command.
- CLI. Billing Tag is removed from instance even if the project parameter is not related to the target instance from request.
- CLI. Filtering by owner doesn't work in 'or2-describe-instances' command for 'Personal' projects
- CLI. Instance temporary obtains 'suspending' state after executing 'reboot' command
- CLI. Missing script for `or2ai` command.
- CLI. `or2-describe-nessus-templates` command response for nonexistent project is incorrect.
- CLI. `or2-describe-static-ips` command returns the list of IP items when a VM from other project is specified.
- CLI. `or2-hardware-report` command is listed for all region types in `or2help` request instead of hardware type only.
- CLI. `or2ikey` error response displays a wrong region.
- CLI. Parameter values specified on Maestro stack run are missed in `or2dmstack --full` details
- CLI. Permissions issues fixed.
- CLI. Permissions. A number of `--verify` option permission issues fixed.
- CLI. Permissions. Command `or2vmst` for uploaded file is available for user not assigned to the project.
- CLI. Unexpected behavior for invalid volume parameter in `or2getp`, `or2setp`, `or2delp` commands.
- CLI. Unexpected behavior for `or2-allocate-static-ip` command on OpenStack.
- CLI. `--verify` option doesn't work correctly with inactive projects.
- CSA. ACS get FAILED state on Windows instance after `maestro-cli chef-role` is set.
- CSA. EPAM-KZ1. Create Snapshot action fails on CSA after 20 minutes timeout, but the snapshot gets created.
- CSA. EPAM-KZ1. Checkpoint sticks in Creating state if the create checkpoint action fails on CSA.
- CSA. EPAM-KZ1. Unable to run instance from custom template.
- CSA. Subscription fails after allocate static IP action.
- CSA. Wrong port value is specified in Console credentials email.
- Email. Failed to send checkpoint lifetime report for 11 projects.
- Email. Notification is not sent if the requestor field contains `~` - symbol
- Email. Recipients from internal stub `AllEmailsBcc` are absent in mail job.
- Email. Reporting. Consulting DL is absent in 'cc' or 'bcc'
- HYPERV. Cannot run Windows instance. Subscription is not created.
- HYPERV. Images in error state are not terminated properly.
- MaestroStacks. `ClassCast` exception occurs if template starts with `checkCommand` or `waitCommand`.
- MaestroStacks. Validate maestro stack command failed on xml template.
- Monitoring. Min and Max calculated wrong for Compute Service Cost KPI and Storage Service Cost KPI at Comments.
- Monitoring. Wrong error message on stop monitoring command.
- OpenStack. Cannot discover machine image created from OpenStack management console.
- OpenStack. Charging for storage volumes doesn't work.
- OpenStack. Delete volume command failed.
- OpenStack. Failed to delete maestro stack after executing.
- OpenStack. Release static IPs failure.

- Reporting. Adjustment is not included in total sum on Reporting page.
- Reporting. Checkpoints younger than 30 days are highlighted red.
- Reporting. Instance is absent in weekly security report after the first scan is started.
- Reporting. Linked and closed projects added into inactive report.
- Reporting. Single instance report doesn't work for period 6-11 month backward.
- Reporting. The user receives empty billing report by account on email.
- Schedules. Schedule error report is sent if user action changed the state of the VM, updated by the schedule.
- Schedules. User schedules are not sorted alphabetically.
- Scheduling. CSA\_CHECK\_REGION\_CAPACITY do not refresh actual RAM utilization for zones not in default Catalog.
- Services. Failed to create several Jenkins job with same name.
- Services. Jenkins. Service does not become available.
- Services. Kubernetes, 500 internal error on Kubernetes UI.
- Services. Load Balancer. The service cannot be activated, because properties failed to set.
- Services. Log service web UI returns 502 after reboot.
- UI. Schedules. Cannot create a user schedule if zCloud role on at least one project.
- UI. "Learn more" button logs out the user.
- UI. "Settings.title" hint is appeared while hovering the space near buttons of Instance Description window.
- UI. Anchors with question on Help pages do not lead to question paragraphs.
- UI. Cannot delete schedule from "Schedule" wizard.
- UI. Dashboard. Scroll is not shown with min screen resolution.
- UI. Help. Links on General Questions page are broken.
- UI. Maestro Stacks. 413 error occurred if input 524288 symbols to IP address field.
- UI. Maestro Stacks. A template can be uploaded from UI when orchestration stack template limit exceeded.
- UI. Manage Cloud. "Amount" field is active in case the "Disable quota" option is chosen.
- UI. Manage Cloud. Failure 500 is shown while input invalid symbols into "Amount" field.
- UI. Manage Cloud. Selecting option custom enables all notifications.
- UI. Manage Cloud. Validation is not shown for required "Description" field on "STEP 2: Manage resource quota".
- UI. Manage Properties. Cannot modify instance properties on Management page.
- UI. Manage VM. Wrong message is shown when the properties were not updated.
- UI. Management. A user cannot connect to the VM using VNC console.
- UI. Personal project disappears from Management page after trying to deactivate a project with instances.
- UI. Radar/Monitoring. The last values are not shown on the Trend diagram.
- UI. Reporting. Total and subtotal reports are not available for AWS and Azure after using the Hourly report type.
- UI. Run Wizard. Cannot run new VM from run wizard without specifying tag and stop after parameter.
- UI. Schedules. 'Step 2: Create new schedule' doesn't display.
- UI. Stack Builder. Input parameters are not lined up as to stack template in json.

- UI. Stack Builder. The 'Count' table validation messages overlap the "Add new row" button.
- UI. Stack Builder. Wrong validation message when "title" column is empty in "Core Parameters" table.
- UI. Subscriptions. Subscribed message doesn't display when "Enable all" option is selected on Audit page.
- UI. Subscriptions. Unsubscribed message doesn't display when "Disable all" option is selected on the Audit page
- UI. The message that personal project is deactivated is shown, while active resources exist