



GROUP	COMMANDS				
<p>All the commands support the following options: <b>--help</b> : show command help; <b>-P, --plain-output</b> : use plain output instead of default table output; <b>-f, --full</b>: show full command output instead of default basic one; <b>--json</b>: show command output in json format</p> <p>The commands are grouped according to the <a href="#">Maestro CLI User Guide</a> sections where they are described in details</p>					
Getting Started	<p><b>or2help</b> Lists all commands and their parameters <i>or2help [-r, --region region_name   -p, --project project_ID]</i> Use -r, --region parameter to see help for a specified region and/or the -p/--project parameter for the specified project. <i>No required parameters.</i></p>		<p><b>or2check (or2-check-version)</b> Shows version of Maestro CLI client currently installed on your machine. <i>No required parameters</i></p>	<p><b>or2info (or2-get-info)</b> Lists information of CLI Client current configuration. <i>or2info [-f, --filename filename.txt]</i></p>	<p><b>or2update</b> Checks for updates and updates CLI client to latest version. <i>No required parameters</i></p>
	<p><b>or2access (or2-get-access)</b> Registers user PMC credentials within Orchestrator. <i>No required parameters. [--force]</i></p>	<p><b>or2dreg (or2-describe-regions)</b> Describes available virtualization regions for provided project and user credentials. <i>or2dreg {-p, --project project_ID   -t, --type}</i></p>		<p><b>or2dpro (or2-describe-projects)</b> Lists available projects for user. <i>No required parameters</i></p>	
Working with instances	<p><b>or2dim (or2-describe-images)</b> Returns information about images. <i>or2dim {-r, --region region_name   -p, --project project_name} [-i, --image image_name   -g, --group image_group]</i></p>	<p><b>or2dshape (describe-shapes)</b> Describes available shapes for provided project and region. <i>or2dshape {-p, --project project_ID   -r, --region region_name}</i></p>	<p><b>or2start (or2-start-instances)</b> Starts specified stopped instances. <i>or2start {-r, --region region_name   -p, --project project_ID   -i, --instance instance_ID} [-e, --expiration yyyy-MM-ddTHH:mm/hH   --irg, --instanceResourceGroup azure_resource_group]</i></p>	<p><b>or2kill (or2-terminate-instances)</b> Terminates the specified instances. <i>or2kill {-r, --region region_name   -p, --project project_ID   -i, --instance instance_ID} [--irg, --instanceResourceGroup azure_resource_group   -y   --permanent termination_without_placement_to_recycle_bin]</i></p>	
	<p><b>or2dvlan (or2-describe-vlans)</b> Describes available VLANs for selected project. <i>or2dvlan {-p, --project project_ID   -r, --region region_name}</i></p>		<p><b>or2mivlan (or2-move-instance-to-vlan)</b> Moves specific instance under available VLAN. <i>or2mivlan {-i, --instance instance_ID   -p, --project project_ID   -r, --region region_name   -v, --vlan vlan_name}</i></p>		
	<p><b>or2run (or2-run-instances)</b> Launches the specified number of instances with provided shape and image. <i>or2run {-r, --region region_name   -p, --project project_ID} [-i, --image image_name   -s, --shape shape_type [.disk][.flavor]   -c, --count instance_count   -e, --expiration yyyy-MM-ddTHH:mm/hH   -g, --ansible-group Ansible group   -d, --description instance_description   -a, --ip-address IP_address   -k, --key-name keypair_name   -spot AWS_spot_instance   --max_price spot_instance_max_price   -n, --network network_UUID   -t, --script-name script_name   -S, --security-group security_group_name   -u, --launch-template AWS_launch_template_name ]</i></p>			<p><b>or2din (or2-describe-instances)</b> Returns information about instances that you own. <i>or2din {-r, --region   -p, --project } [-a, --audit   -d, --inSchedule schedule_name show only VMs present in the specified schedule   -e, --propertyExistence show only VMs with given properties   --force, --force to reset instances. Default: false   -i, --instance   -l, --property filter results using given properties   -s, --service service_name/any   -s, --instanceState show VMs with given State   -u, --output show only the field specified as csv   -x, --regex similar to -l, but treats values as regular expressions   -v, --vlan show only VMs in the VLANs specified   -w, --owner email or 'Name Surname' of instance owner for report generation]</i></p>	



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	<b>or2stop (or2-stop-instances)</b> Stops the specified instances. <i>or2stop {-i, --instance instance_ID} [-r, --region region_name   -p, --project project_ID   -c, --force   --irg, --instanceResourceGroup azure_resource_group]</i>	<b>or2reboot (or2-reboot-instances)</b> Reboots specified instances. <i>or2reboot {-i, --instance instance_ID} [-r, --region region_name   -p, --project project_ID   -c, --force   --irg, --instanceResourceGroup azure_resource_group]</i>	<b>or2lock (or2-lock-instance-termination)</b> Locks the specified instance from termination or allows termination when sent the second time. <i>or2lock {-r, --region region_name   -p, --project project_ID   -i, --instance instance_ID}</i>	<b>or2lt (or2-aws-launch-template)</b> Manages AWS Launch Templates. <i>or2lt {-p, --project project_ID   -r, --region region_name} [-a, --action describe/upload_template/upload_version/delete/modify   -n, --name template_name   -f, --file path_to_file   -d, --version-description version_description]</i>	
	<b>or2chshape (or2-change-shape)</b> Changes the instance shape to a larger or smaller one. <i>or2chshape {-i, --instance instance_ID   -p, --project project_ID   -r, --region region_name   -s, --shape shape_type}</i>	<b>or2chow (or2-change-owner)</b> Changes the owner of the specified instance or file resource. <i>or2chow {-n, --resource-name resource_name   -p, --project project_ID   -e, --email new_owners_email} [-t, --resource-type resource_type   -f, --file-type file_type_for_file_resource]</i>		<b>or2vps (or2-view-pool-state)</b> Shows the current state of instance pool <i>or2vps {-r, --region region_name}</i>	
Scheduling Instance Activities	<b>or2addschr (or2-create-schedule)</b> Creates a new schedule to start or stop existing instances. <i>or2addschr {-a, --action start/stop   -c, --cronExpression cron_expression   -n, --name schedule_name   -p, --project project_ID   -r, --region region_name} [-d, --description schedule_description   -i, --instance instance_ID   -all   --t, --tag tag]</i>		<b>or2dschr (or2-describe-schedules)</b> Described previously uploaded and available schedules. <i>or2dschr {-p, --project project_ID   -r, --region region_name}</i>		<b>or2schaddi (or2-schedule-add-instances)</b> Adds instance or instances to the existing schedule. <i>or2schaddi {-i, --instance instance_ID   -n, --name schedule_name   -p, --project project_ID   -r, --region region_name}</i>
	<b>or2schremi (or2-schedule-remove-instances)</b> Removes an instance from the existing schedule. <i>or2schremi {-i, --instance instance_ID   -n, --name schedule_name   -p, --project project_ID   -r, --region region_name}</i>			<b>or2delschr (or2-delete-schedule)</b> Deletes a previously created schedule. <i>or2delschr {-n, --name schedule_name   -p, --project project_ID   -r, --region region_name}</i>	
Instance Properties	<b>or2setp (or2-set-instance-properties)</b> Assigns user-defined metadata to instances. <i>or2setp {-r, --region region_name   -p, --project project_ID} [-a, --append   -c, --chefattribute attribute_name=value   -h, --chefrole role_name   -d, --description property_descriptio_alias   -s, --secure   -i, --instance instance_ID   -t, --property key=value   -v, --volume volume_ID]</i>		<b>or2delp (or2-delete-instance-properties)</b> Deletes user-defined metadata from instances. <i>or2delp {-r, --region region_name   -p, --project project_ID} [-i, --instance instance_ID   -v, --volume volume_ID   -n, --name property_key   -a, -all]</i>		<b>or2getp (or2-describe-instance-properties)</b> Retrieves user-defined metadata from instances. <i>or2getp {-r, --region region_name   -p, --project project_ID} [-n, --name property_key   -i, --instance instance_ID   -v, --volume volume_ID]</i>
Security and Connection	<b>or2addkey (or2-create-keypair)</b> Creates a key pair used to access instances without the need to provide login credentials. <i>or2addkey {-p, --project project_ID   -r, --region region_name   -k, --key-name key_ID} [-s, --size key_Size_in_bits]</i>	<b>or2delkey (or2-delete-keypair)</b> Deletes a specified key pair. <i>or2delkey {-p, --project project_ID   -r, --region region_name   -k, --key-name key_ID}</i>	<b>or2ikey (or2-import-keypair)</b> Imports the existing key to a specified region. <i>or2ikey {-p, --project project_ID   -k, --key-name key_ID   -d, --destination-region region_id} [-f, --public-key-file path   -s, --source-region region_id]</i>	<b>or2dkey (or2-describe-keypairs)</b> Describes key pairs available for provided project and region. <i>or2dkey {-p, --project project_ID   -r, --region region_name} [k, --key-name key_ID   --full]</i>	<b>or2console (or2-console)</b> Activates instance console and provides access credentials for it. <i>or2console {-p, --project project_ID   -i, --instance instance_ID   -r, --region region_name} [-a, --activate   -e, --expiration &lt;1-9&gt;]</i>
	<b>or2alsip (or2-allocate-static-ip)</b>	<b>or2assip (or2-associate-static-ip)</b>			



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	<p>Allocates a static IP for the specified project in the given region. <i>or2alsip</i> {-p, --project project_ID  -r, --region region_ID}[-d, --domain STANDARD/VPC]</p>	<p>Associates the specified static IP with the given VM. <i>or2assip</i> {-p, --project project_ID  -r, --region region_ID  -i, --instance instance_ID} [-a, --ip-address IP_address   --any-ip-address]</p>	<p><b>or2dsip (or2-describe-static-ips)</b> Describes the static IPs available for the project in the given region. <i>or2dsip</i> {-p, --project project_ID  -r, --region region_ID}[-a, -ip_address ip_address   -d, --domain STANDARD/VPC   -i, --instance instance_ID]</p>	<p><b>or2dissip (or2-disassociate-static-ip)</b> Disassociates the specified static IP from its VM. <i>or2dissip</i> {-p, --project project_ID  -r, --region region_ID  -a, --ip-address IP_address}</p>	
	<p><b>or2awsmc (or2-aws-management-console)</b> Returns a link for login to AWS management Console. <i>or2awsmc</i> {-p, --project_ID}</p>	<p><b>or2azmc (or2-azure-management-console)</b> Returns a link for login to Azure Management Console. <i>or2azmc</i> {-p, --project_ID}</p>	<p><b>or2dp (or2-decrypt-password)</b> Decrypts an AWS or Google Cloud instance password stored in a file. <i>or2adp</i> {-p, --private-key-file path   -e, --encrypted-password path}</p>	<p><b>or2iam (or2-iam-users)</b> Manages IAM users. <i>or2iam</i> {-p, --project project_ID} [-a, --action, -e, --email IAM_user_owner_email   -u, --user-name IAM_user_name   --reason IAM_user_deletion_reason]</p>	<p><b>or2relsip (or2-release-static-ip)</b> Removes the static IP from the project pool. <i>or2relsip</i> {-p, --project project_ID  -r, --region region_ID  -a, --ip-address IP_address}</p>
Security Scanning	<p><b>or2sc (or2-security-check)</b> Initiates Nessus security scanning of the specified resources. <i>or2sc</i> {-p, --project project_ID  -r, --region region_ID} [-i, --instance instance_ID   -t, --template Nessus_template_UUID  -l, --policy Nessus_policy_ID]</p>			<p><b>or2dnt (or2-describe-nessus-templates)</b> Describes all Nessus templates available for security scanning. <i>or2dnt</i> {-r, --region region_ID }</p>	
Images	<p><b>or2cim (or2-create-image)</b> Creates an image based on the instance. The image can be used later to run new identical instances. <i>or2cim</i> {-d, --description image_description   -i, --instance instance_ID   -n, --name image_name   -r, --region region_name   -p, --project project_ID   -y}</p>			<p><b>or2delim (or2-delete-image)</b> Deletes custom machine images. <i>or2delim</i> {-i, --image Image_ID   -r, --region region_name   -p, --project project_ID} [-y]</p>	
Hardware Servers	<p><b>or2reghs (or2-register-hardware-server)</b> Registers a dedicated instance as a hardware server in EPAM Cloud. <i>or2reghs</i> {-c, --cost-center cost_center   -u, --cpu-count cpu_count   -h, --hdd-space hdd_space   -m, --memory-size memory_size   -o, --ownership, server_owner   -p, --project project_id   -r, --region region_name   -d, --registration-date, registration_date   -n, --server-name server_name   -e, --server-usage server_usage_%   -t, --units-count units_count} [-l, --location server_location   -w, -working_power working_power_kW]</p>	<p><b>or2unreghs (or2unregister_hardware-server)</b> Unregisters an instance that previously was registered as a hardware server in EPAM Cloud. <i>or2unreghs</i> {-r --region   -p --project   -l --instance}</p>	<p><b>or2modhs (or2-modify-hardware-server)</b> Modifies the settings of an existing hardware server. <i>or2reghs</i> {-i, --instance instance_ID} [-u, -cpu-count cpu_count   -h, --hdd-space hdd_space   -m, --memory-size memory_size   -e, --server-usage server_usage_%   -t, --units-count units_count} [-l, --location server_location   -w, -working_power working_power_kW]</p>	<p><b>or2hr (or2 - hardware-report)</b> Generates a hardware server usage report. <i>or2hr</i> {-r, --region region_name} [-d, --day day_of_report   -m, --month month_of_report   -p, --project project_id   -y, --year year_of_report]</p>	
Volumes	<p><b>or2addattvol (or2-create-attach-volume)</b> Creates and attaches storage volume to the specified instance. <i>or2addattvol</i> {-r, --region region_name   -p, --project project_ID   -i, --instance instance_ID   -s, --size storage_size_Gb} [-d, --device system_device_ID] [--irg, --instanceResourceGroup azure_resource_group ]</p>	<p><b>or2attvol (or2-attach-volume)</b> Attaches specified storage volume to the specified instance. <i>or2attvol</i> {-p, --project project_ID   -r, --region region_ID   -v, --volume storage_volume_ID   -d, --device system_device to attach the volume *for AWS regions only* } [--irg, --instanceResourceGroup azure_resource_group]</p>		<p><b>or2delvol (or2-delete-volumes)</b> Deletes a storage volume from the specified instance. <i>or2delvol</i> {-r, --region region_name   -p, --project project_ID   -v, --volume volume_ID } [--irg, --instanceResourceGroup azure_resource_group   -y]</p>	



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	<b>or2resvol (or2-resize-volume)</b> Resizes specified volume for instance. <i>or2resvol {-r, --region region_name   -p, --project project_ID   -v, --volume volume_ID   -s, --size storage_size_Gb}</i>	<b>or2detvol (or2-detach-volume)</b> Detaches a storage volume from the specified instance. <i>or2detvol {-p, --project project_ID   -r, --region region_ID   -v, --volume storage_volume_ID} [--irg, --instanceResourceGroup azure_resource_group]</i>	<b>or2dvol (or2-describe-volumes)</b> Describes a user's storage volumes. <i>or2dvol [-r, --region region_name   -p, --project project_ID   -i, --instance instance_ID   -v, --volume volume_ID]</i>
Checkpoints	<b>or2ccp (or2-create-checkpoint)</b> Creates an instance recovery point, containing the state (on/off) and data (storage, memory, other devices) of a virtual machine at a specific point in time. <i>or2ccp {-r, --region region_name   -p, --project project_ID   -i, --instance instance_ID} [-d, --description checkpoint_description]</i>	<b>or2dcp (or2-describe-checkpoints)</b> Lists all checkpoints created for the instance and their short description. <i>or2dcp {-r, --region region_name   -p, --project project_ID} [-i, --instance instance_ID]</i>	<b>or2gcp (or2-go-to-checkpoint)</b> Reverts to the specified instance checkpoint. <i>or2delcp {-r, --region region_name   -p, --project project_ID   -i, --instance instance_ID   -c, --checkpoint checkpoint_ID}</i>
		<b>or2delcp (or2-delete-checkpoint)</b> Deletes specified instance checkpoints. <b>May take up to several hours!</b> <i>or2delcp {-r, --region region_name   -p, --project project_ID   -i, --instance instance_ID   -c, --checkpoint checkpoint_ID}</i>	<b>or2rcp (or2-revert-to-checkpoint)</b> Reverts instance to the latest available checkpoint. <i>or2rcp {-r, --region region_name   -p, --project project_ID   -i, --instance instance_ID}</i>
Audit and Billing	<b>or2report (or2-report)</b> Prepares a monthly billing report for the specified project. <i>or2report {-m, --month month_number   -y, --year year_int} [-p, --project project_ID   -g, --tag tag_name   -t, --type TOTAL/SUBTOTAL/RESOURCE/HOURLY/QUOTA   -r, --region region_name   -n, --account-name account_name   -a, --account-report report_by_accout   -d, --day day_to_provide_report   -i, --instance instance_ID   -o, --owner instance_owner_email_or_name]</i>	<b>or2price (or2-price)</b> Lists prices for all activated shapes. <i>or2price {-r, --region region_name} [-d, --day number_of_days   -s, --shape shape_name   -t, --resourceState active/inactive]</i>	<b>or2audit (or2-audit)</b> Views all relevant instance-related information for the specified period. <i>or2audit {-p, --project project_ID} [-r, --region region_name   -i, --instance instance_ID   -f, -from dd-mm-yyyy   -t, --to dd-mm-yyyy   -d, -days number_of_days   -g, --group PROJECT/ACS/HARDWARE/DOCKER/AEM/JENKINS/SECURITY/TERRAFORM   -s, --stack stack_id]</i>
		<b>or2dacc (or2-describe-ao-account)</b> Describes EO Accounts available for the current user <i>or2dacc {-c, --contacts}</i>	
Using Tags	<b>or2settag (or2-set-tag)</b> Assigns a custom tag to an instance or a volume for billing purposes. <i>or2settag {-r, --region region_name   -p, --project project_ID   -t, --tag tag_value   -i, --instance instance_ID}</i>	<b>or2deltag (or2-delete-tag)</b> Deletes a custom tag from an instance or a volume. <i>or2deltag {-r, --region region_name   -p, --project project_ID   -i, --instance instance_ID   -t, --tag tag_value}</i>	<b>or2dtag (or2-describe-tag)</b> Retrieves custom tags, assigned to resources for billing purposes. <i>or2dtag {-r, --region region_name   -p, --project project_ID} [-c, --checkpoint checkpoint_ID   -i, --instance instance_ID   -v, --volume volume_ID]</i>
Working With Files	<b>or2uf (or2-upload-file)</b> Uploads a new file and saves it in Orchestrator <i>or2uf {-d, --description file_description} -t, --type file_type BLUEPRINT/SCRIPT/EO-TEMPLATE/CF-TEMPLATE/ZABBIX-TEMPLATE   -f, --file-path local_file_path} [-p, --project project_ID]</i>	<b>or2delf (or2-delete-file)</b> Deletes a previously uploaded file from Orchestrator repository. <i>or2delf {-n, --file-name file_name   -t, --type file_type BLUEPRINT/SCRIPT/EO-TEMPLATE/CF-TEMPLATE/ZABBIX-TEMPLATE } [-p, --project project_ID]</i>	<b>or2df (or2-describe-files)</b> Describes uploaded and available files for the specified project. <i>or2df {-t, --type file_type BLUEPRINT/SCRIPT/EO-TEMPLATE/CF-TEMPLATE/ZABBIX-TEMPLATE } [-p, --project project_ID] -n, --file-name file_name]</i>
AWS Stacks	<b>or2rawss (or2-run-aws-stack)</b> Launches a specified stack on AWS. <i>or2rawss {-r, --region region_name   -p, --project project_ID   -t, --template-name template_name   -s, --stack-name stack_name} [-d, --default parameters   -</i>	<b>or2dawss (or2-describe-aws-stacks)</b> Describes one or more stacks available for the specified region and project. <i>or2dawss {-r, --region region_name   -p, --project project_ID} [-s, --stack-name Name_ID]</i>	<b>or2delawss (or2-delete-aws-stack)</b> Deletes one or more stacks for the specified region and project. <i>or2delawss {-r, --region region_name   -p, --project project_ID   -s, --stack-name stack_name} [-y ]</i>



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	<p><i>m, --timeout-in-minutes   -b, --disable-rollback   -c, --capability   -n, --notification-ar-ns   -f, --on-failure DO_NOTHING/ROLLBACK/DELETE   -R, --parameter   -g, --parameter-config path_to_stack_parameters_config_file]</i></p>	<p><b>or2dawsse (or2-describe-aws-stack-events)</b> Returns the events related to the specified stack. <i>or2dawsse {-p, --project project_ID   -r, --region region_ID   -s, --stack-name stack_name}</i></p>	<p><b>or2dawssr (or2-describe-aws-stack-resources)</b> Describes the resources for running and deleted stacks. <i>or2dawssr {-p, --project project_ID   -r, --region_name} [-s, --stack-name   -l, --logical-id   -h, --physical-id]</i></p>	
Maestro Stacks	<p><b>or2dmstack (or2-describe-maestro-stacks)</b> Describes one or more existing Maestro Stacks for the specified project and region. <i>or2dmstack {-r, --region region_name   -p, --project project_ID} [-s, --stack-id]</i></p>	<p><b>or2rmstack (or2-run-maestro-stack)</b> Runs a new Maestro Stack based on an existing template. <i>or2rmstack {-r, --region region_name   -p, --project project_ID   -s, --stack-name} [  -b, --rollback   -t, --template-name   -m, --template-path   -R, --parameter parameter_name=value ]</i></p>	<p><b>or2vmst (or2-validate-maestro-stack-template)</b> Checks the specified Maestro Stack template for issues. <i>or2vmst {-p, --project project_ID   -r, --region region_name} [-t, --template-name template_name   -m, --template-path template_path]</i></p>	
	<p><b>or2delmstack (or2-delete-maestro-stack)</b> Deletes a Maestro Stack previously run on Orchestration, and all the related resources. <i>or2delmstack {-r, --region region_name   -p, --project project_ID   -s, --stack-id stack_id} [-y ]</i></p>	<p><b>or2dmsr (or2-describe-maestro-stack-resources)</b> Describes the resources created during the specified stack execution. <i>or2dmsr {-s, --stack-id stack_id}</i></p>	<p><b>or2cmst (or2-convert-maestro-stack-template)</b> Converts a Maestro Stack template into a CloudFormation template. <i>or2cmst {-p, --project project_ID   -r, --region region_name   -f, --input-file maestro_stack_path} [-d, --output-file cloudformation_stack_path]</i></p>	
Services (General)	<p><b>or2ms (or2-manage-service)</b> Activates/deactivates available services for particular project. <i>or2ms {-r, --region region_name   -p, --project project_ID   -a, --activate OR -d, --deactivate   -s, --service-name log/monitoring/chef/load-balancer/docker/docker-registry/Hadoop/ambari/jenkins/aem/kubernetes/gerrit/hybris/magento/backup/open-shift/splunk} [-c --cluster-name platform_service_cluster_name   -i, --instance instance_ID   -h, --shape shape_name   -k, --key-name ssh_key_name   -t, --stack stack_ID   -S, --service-id service_ID   -v, --version platform_service_version   --init-entry-point   --customize   -y ]</i></p>			<p><b>or2dser (or2-describe-services)</b> Describes the services activated for the given project in the given region. <i>or2dser {-r, --region region_name   -p, --project project_ID} [-s, --service service_name]</i></p>
Zabbix	<p><b>or2dmon (or2-describe-monitoring)</b> Retrieves the information about Zabbix-related items. <i>or2dmon {-p, --project project_ID   -r, --region region_name}</i></p>	<p><b>or2mon (or2-start-monitoring)</b> Adds an instance to the monitoring list. <i>or2mon {-r, --region region_name   -p, --project project_ID   -l, --instance instance_ID} [-t, --template Zabbix_template]</i></p>	<p><b>or2stopmon (or2-stop-monitoring)</b> Removes an instance from the monitoring list. <i>or2sm {-r, --region region_name   -p, --project project_ID   -l, --instance instance_ID}</i></p>	
Telemetry	<p><b>or2starttel (or2-start-telemetry)</b> Adds an instance to Telemetry monitoring. <i>or2starttel {-p, --project project_ID   -r, --region region_name   -i, --instance instance_id}</i></p>	<p><b>or2stoptel (or2-stop-telemetry)</b> Removes an instance from Telemetry monitoring. <i>or2stoptel {-p, --project project_ID   -r, --region region_name   -i, --instance instance_id}</i></p>	<p><b>or2dtelag (or2-describe-telemetry-agents)</b> Describes the resources monitored by Telemetry. <i>or2stoptel {-p, --project project_ID   -r, --region region_name} -o, --original-resource-id original_resource_id</i></p>	<p><b>or2tel (or2-get-telemetry)</b> Retrieves resource metrics. <i>or2tel {-p, --project project_ID   -r, --region region_name -o, --original-resource-id original_resource_id} [-a, --aggregation aggregation_method   -c, --count message_count   -d, --days history_days   -f, --from from_date   -t, --to to_date   -g, --granularity   -h, --hours history_hours   -m, --metric-name metric_name]</i></p>
CloudWatch and SSM	<p><b>or2ssm (or2-manage-ssm)</b> Initiates the service activation. On command call, a record is created in EPAM Orchestrator database containing the necessary configs and AWS credentials. <i>or2ssm {-p, --project project_ID   -r, --region region_name} [-a, --action activate/deactivate]</i></p>		<p><b>or2cwag (or2-cloud-watch-agent)</b> Allows to review, install, or remove the CloudWatch and SSM agents on the target VM. <i>or2cwag {-a, --action describe/install/remove   -, --instance instance_ID   -p, --project project_ID   -r, --region region_name}</i></p>	



GROUP	COMMANDS				
Terraform	<b>or2ter (or2-terraform)</b> Manages the infrastructure with Terraform templates. <i>or2ter</i> {-p, --project project_ID} {-a, --action upload/validate/deactivate/describe/apply/plan/destroy   --full   --json command_output_in_json_format   -g, --parameter-config full_path_to_local_variables_file   -P, --plain-output   -n, --template-name template_name   --help}				
Chef	<b>or2cm (or2-chef-mode)</b> Sets one of the existing chef modes to the project. <i>or2cm</i> {-r, --region region_name   -p, --project project_ID   -m, --mode DEFAULT/EPC/USER} [-i, --instance instance_ID   -v, --key-file pem_file_path   -k, --key-name SSH_key_name   -s, --shape instance_type   -y --version   -S, --service-id service_ID]	<b>or2-validate-chef (or2vchef)</b> Allows to control and monitor the work of the service indicating any errors occurred. The command does not need any parameters.	<b>or2dchef (or2-describe-chef)</b> Describes the project's Chef server mode. <i>or2dchef</i> {-r, --region region_name   -p, --project project_ID}		
Ansible	<b>or2ai (or2-ansible-init)</b> Initializes Ansible environment for the specified project and region. <i>or2ai</i> {-r, --region region_name   -p, --project project_ID}	<b>or2ah (or2-ansible-hosts)</b> Manages Ansible hosts. <i>or2ah</i> {-r, --region region_name   -p, --project project_ID} [-a, --action INCLUDE/EXCLUDE/DESCRIBE   -h, --host host_ID   -g, --group, group_name]	<b>or2ag (or2-ansible-groups)</b> Manages Ansible groups. <i>or2ag</i> {-r, --region region_name   -p, --project project_ID} [-a, --action action CREATE/DELETE/DESCRIBE   -g, --group, group_name]	<b>or2agp (or2-ansible-group-properties)</b> Manipulates Ansible group properties. <i>or2agp</i> {-r, --region region_name   -p, --project project_ID} [-a, --action action SET/DELETE/DESCRIBE   -g, --group, group_name   -t, --property property_name_value   --all delete_all_properties   --append append_new_properties   -n, --property-name property_name]	<b>or2adi (or2-ansible-dynamic-inventory)</b> Returns Ansible dynamic inventory for the specified project and region in JSON format. <i>or2adi</i> {-r, --region region_name   -p, --project project_ID} [-t, --pretty, formatted JSON]
Log Aggregation	<b>or2dlog (or2-describe-log)</b> Gives the list of the logged instances and the DNS name of the GrayLog server. <i>or2dlog</i> {-r, --region region_name   -p, --project project_ID}		<b>or2log (or2-start-logging)</b> Starts collecting the logs from the specified instance. <i>or2log</i> {-r, --region region_name   -p, --project project_ID   -l, --instance instance_ID} [-l, --log full_path_to_log_file]		<b>or2stoplog (or2-stop-logging)</b> Removes the instance from Logging list. <i>or2stoplog</i> {-r, --region region_name   -p, --project project_ID   -l, --instance instance_ID}
Load Balancing	<b>or2lbconf (or2-load-balancer-config)</b> Sets the Load Balancer Configuration. Possible Properties: <i>or2lbconf</i> {-p, --project project_ID   -r, --region region_name} [-b, --balancing   --balancerName name   --instance instance_ID   --port port   --permanent number   --iphash ON/OFF   -d, --remove hostid   --removeAll] [-l, --limit   --connections   --requests   --perIP number   --total limit_integer] [--ban   --ip xxx.xxx.xxx.xxx   --url URL   --status error_code   --remove   --removeAll] [-c, --cache   --url URL   --extension EXT   --expiration MINUTES   --remove   --removeAll]			<b>or2dlb (or-describe-load-balancing)</b> Shows the list of the hosts (instance IDs) in the load balancer group and their availability. <i>or2dlb</i> {-r, --region region_name   -p, --project project_ID}	
Hadoop	<b>or2mh (or2-manage-hadoop)</b> Creates and removes Hadoop resources. <i>or2mh</i> {-p, --project project_name   -r, --region region_name region_name   -s, --resource resource_type client/slave}			<b>or2dh (or2-describe-hadoop)</b> Gives the list, the states and the DNS names of existing Hadoop resources. <i>or2dh</i> {-p, --project project_ID   -r, --region region_name}	



GROUP	COMMANDS				
OpenShift	<b>or2osc (or2-openshift-client)</b> Manages OpenShift as a Service or2osc {-a, --action INSTALL/CONFIGURE} [-p, -project project_ID   -r, --region region_name   -w --wildcard wildcard_name]				
Docker	<b>or2dc (or2-docker-container)</b> Manages Docker Swarm containers. or2dc {-p, --project project_ID   -r, --region region_name   -cn, --cluster-name cluster_name} [-a, --action run/terminate/stop/start   -cmd, --command running_Docker_container_command   -i, --image container image   -c, --container container_ID   -t, --tcp tcp_port   -u, --udp udp_port   -v --volume Docker_volume   -y ]	<b>or2di (or2-docker-image)</b> Manages Docker Swarm images. or2di {-p, --project project_ID   -r, --region region_name   -cn --cluster-name cluster_name} [  -a, --action DESCRIBE/PUSH/PULL/COMMIT/DELETE   -i, --image-id image_ID   -c, --container container_ID   -dr --docker-registry Docker_registry_ID   -m --message commit_message   -n, --name image_name   -ns --namespace registry_namespace   -nt --new-tag-name registry_tag_name   -R --repository repository_name   -t --tag image_tag   -y ]	<b>or2dd (or2-describe-docker)</b> Lists existing Docker elements and their details. or2dd {-p, --project project_ID   -r, --region region_name   -cn, --cluster-name cluster_name} [-t, --type describe_Docker_type]		
Kubernetes	<b>or2kp (or2-kubernetes-pods)</b> Manages Kubernetes pods or2kp {-p, --project project_ID   -r, --region region_name   -cn cluster-name cluster_name}	<b>or2kns (or2-kubernetes-namespaces)</b> Manages Kubernetes namespaces or2kns {-p, --project project_ID   -r, --region region_name   -cn cluster-name cluster_name} [-a, --action action]	<b>or2ks (or2-kubernetes-services)</b> Manages Kubernetes services or2ks {-p, --project project_ID   -r, --region region_name   -cn cluster-name cluster_name} [-a, --action action]	<b>or2krc (or2-kubernetes-replication-controllers)</b> Manages Kubernetes replication controllers or2krc {-p, --project project_ID   -r, --region region_name   -cn cluster-name cluster_name} [-a, --action action]	<b>or2kn (or2-kubernetes-nodes)</b> Manages Kubernetes nodes or2kn {-p, --project project_ID   -r, --region region_name   -cn cluster-name cluster_name} [-a, --action action]
Ambari	<b>or2ac (or2-ambari-cluster)</b> Sets up an Ambari cluster for the project. or2ac {-p, --project project_ID   -r, --region region_name   -c, --cluster-name name} [-a, --action DESCRIBE/CREATE/START/STOP   -k, --key-name SSH_key_name   -f, --config-file full_path_to_Ambari_cluster_config_file   -y]				
Jenkins	<b>or2djj (or2-describe-jenkins-jobs)</b> Retrieves the list of existing Jenkins jobs. or2djj {-p, --project project_ID   -r, --region region_name} [-j, --job Jenkins_job_name]	<b>or2cjj (or2-create-jenkins-job)</b> Creates a new Jenkins job. or2cjj {-p, --project project_ID   -r, --region region_name   -j, --job job_name   -c, --config_path_to_job_XML_config_file}	<b>or2tjj (or2-trigger-jenkins-job)</b> Triggers an existing Jenkins job. or2tjj {-p, --project project_ID   -r, --region region_name   -j, --job job_name} [-t, --parameter pamaneter_name=value]	<b>or2rjj (or2-remove-jenkins-job)</b> Removes an existing Jenkins job. or2rjj {-p, --project project_ID   -r, --region region_name   -j, --job job_name} [-y]	<b>or2mjp (or2-manage-jenkins-plugins)</b> Manages Jenkins service plugins. or2mjp {-p, --project project_ID   -r, --region region_name} [-a, --action plugin_action   -n, --plugin_name plugin_short_name]



GROUP	COMMANDS	
Sonar	<b>or2sqp (or2-sonar-quality-profiles)</b> Manipulates Sonar quality profiles. <i>or2sqp {-p, --project project_ID   -r, --region region_name} [-a, --action   -l, --language profile_language   -n, --name quality_profile_name   -q, -quality-profile-key quality_profile_key   -R, --rule-key Sonar_rule_key]</i>	<b>or2sr (or2-sonar-rules)</b> Manipulates Sonar rules. <i>or2sr {-p, --project project_ID   -r, --region region_name} [-a, --action   -n, --page-number page_number   -s, --page-size page_size   -q, -quality-profile-key quality_profile_key   -R, --repository rules_repository   -t, --tag rule_tag]</i>
Adobe AEM	<b>or2aem (or2-manage-aem)</b> Manipulates Adobe AEM service and its resources. <i>or2aem {-p, --project project_ID   -r, --region region_name} [-a, --action describe activate-cluster attach-publish deactivate-cluster detach-publish   -c, --cluster-name aem_instance_name   --force   -i, --instance instance_id   -k, --key-name SSH_key_name   -S, --service-id service_ID   -s, --shape instance_type   -l, --license-url AEM_license_URL -v, --version AEM_version]</i>	
RDB	<b>or2rdb (or2-manage-rdb)</b> Manipulates the RDB service and related resources. <i>or2rdb {-p, --project project_ID   -r, --region region_name} [-a, --action action DESCRIBE/INSTALL/REMOVE   -t, --type mysql postgresql mssql oracle/mariadb]   --assign-static-ip   -n, --db-name new_db_name   -pwd, --db-password new_db_password   -d, --description new_db_description   -s, --db-size database_size   -u, --db-user database_user_name   -f, --file-path path_to_init_script_file   -S, --service-id service_ID   -k, --key-name ssh_key   -v, --version MSSQL_version   --use-sys-disk-size 100/20/300/500 -y ]</i>	
Splunk	<b>or2sp (or2-splunk-proxy)</b> Manipulates the Splunk proxy server. <i>or2sp {-p, --project project_ID   -r, --region region_name   -x, --instance-proxy proxy_instance_id} [-a, --action   -i, --instance splunk_instance_id   -n, --endpoint-name splunk_proxy_endpoint_name   -t, -port splunk_port   -q, --quota splunk_proxy_quota ]</i>	
FTP2S3	<b>or2ftp (or2-manage-ftp)</b> Manages S3 buckets. <i>or2ftp {-p, --project project_ID   -r, --region region_name} [-a, --action   -b, --bucket bucket_name]</i>	<b>or2ftpa (or2-ftp-access)</b> Manages user access to FTP server. <i>or2ftpa {-p, --project project_ID   -r, --region region_name} [-a, --action   -e, --email user_email]</i>
Messaging	<b>or2mq (or2-manage-queues)</b> Manages Message service queues <i>or2mq {-r, --region region_name   -p, --project project_ID} [-a, --action describe/create/purge/delete   -q, --queue-name name   -qp, -queue-name-prefix prefix   -v, --visibility-timeout seconds]</i>	<b>or2mm (or2-manage-messages)</b> Manages Message service messages <i>or2mm {-r, --region region_name   -p, --project project_ID   -q, --queue-name name} [-a, --action send/receive/delete   -c, --count messages_count   -m, --message-content message_or_file   -l, --message-id message_id   -w, --wait-time seconds] -y ]</i>
<b>USEFUL LINKS</b>		
The storage of all the available EPAM Cloud-related documentation		<a href="https://cloud.epam.com/site/learn/documentation">https://cloud.epam.com/site/learn/documentation</a>
Frequently Asked Questions		<a href="https://kb.epam.com/display/EPMCITFAQ/FAQ">https://kb.epam.com/display/EPMCITFAQ/FAQ</a>
CLI Download Link		<a href="https://cloud.epam.com/site/develop/maestro_c=l=i/maestro-cli.zip">https://cloud.epam.com/site/develop/maestro_c=l=i/maestro-cli.zip</a>
Orchestration UI		<a href="https://cloud.epam.com">https://cloud.epam.com</a>
Service Catalog for Support Requests		<a href="https://support.epam.com/">https://support.epam.com/</a> -> Catalog of Requests -> EPAM Cloud
<b>CONTACTS</b>		
Cloud Consulting		<a href="mailto:SpecialEPM-CSUPConsulting@epam.com">SpecialEPM-CSUPConsulting@epam.com</a>
Cloud Support Level 1.5		<a href="mailto:SupportEPM-CSUPL1_5@epam.com">SupportEPM-CSUPL1_5@epam.com</a>
Cloud Support Level 3		<a href="mailto:SupportEPM-CITL3@epam.com">SupportEPM-CITL3@epam.com</a>
Help Desk		<a href="mailto:Help_Desk@epam.com">Help_Desk@epam.com</a>