



GROUP	COMMANDS			
<p>All the commands support the following options: --help : show command help; -P, --plain-output : use plain output instead of default table output; -f, --full: show full command output instead of default basic one; --json: show command output in json format</p> <p>The commands are grouped according to the Maestro CLI User Guide sections where they are described in details</p>				
Getting Started	<p>or2help 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>or2check (or2-check-version) Shows version of Maestro CLI client currently installed on your machine. <i>No required parameters</i></p>	<p>or2info (or2-get-info) Lists information of CLI Client current configuration. <i>or2info [-f, --filename filename.txt]</i></p>	<p>or2update Checks for updates and updates CLI client to latest version. <i>No required parameters</i></p>
	<p>or2access (or2-get-access) Registers user PMC credentials within Orchestrator. <i>No required parameters. [--force]</i></p>	<p>or2dreg (or2-describe-regions) Describes available virtualization regions for provided project and user credentials. <i>or2dreg {-p, --project project_ID -t, --type}</i></p>	<p>or2dpro (or2-describe-projects) Lists available projects for user. <i>No required parameters</i></p>	
Working with instances	<p>or2dim (or2-describe-images) 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>or2dshape (describe-shapes) Describes available shapes for provided project and region. <i>or2dshape {-p, --project project_ID -r, --region region_name}</i></p>	<p>or2start (or2-start-instances) 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>or2kill (or2-terminate-instances) 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>or2dvlans (or2-describe-vlans) Describes available VLANs for selected project. <i>or2dvlans {-p, --project project_ID -r, --region region_name}</i></p>	<p>or2mivlan (or2-move-instance-to-vlan) 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>or2dsn (or2-describe-subnets) Describes available subnets for selected project. <i>or2dsn {-p, --project project_ID -r, --region region_name -s, --subnet-id subnet_id}</i></p>	
	<p>or2run (or2-run-instances) 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>or2din (or2-describe-instances) 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, --regexp 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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	<p>or2stop (or2-stop-instances) Stops the specified instances. <i>or2stop</i> {-i, --instance instance_ID} [-r, --region region_name -p, --project project_ID -c, --force --irg, --instanceResourceGroup azure_resource_group]</p>	<p>or2reboot (or2-reboot-instances) Reboots specified instances. <i>or2reboot</i> {-i, --instance instance_ID} [-r, --region region_name -p, --project project_ID -c, --force --irg, --instanceResourceGroup azure_resource_group]</p>	<p>or2lock (or2-lock-instance-termination) Locks the specified instance from termination or allows termination when sent the second time. <i>or2lock</i> {-r, --region region_name -p, --project project_ID -i, --instance instance_ID}</p>	<p>or2lt (or2-aws-launch-template) Manages AWS Launch Templates. <i>or2lt</i> {-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]</p>	
	<p>or2chshape (or2-change-shape) Changes the instance shape to a larger or smaller one. <i>or2chshape</i> {-i, --instance instance_ID -p, --project project_ID -r, --region region_name -s, --shape shape_type}</p>	<p>or2chow (or2-change-owner) Changes the owner of the specified instance or file resource. <i>or2chow</i> {-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]</p>		<p>or2vps (or2-view-pool-state) Shows the current state of instance pool <i>or2vps</i> {-r, --region region_name}</p>	
		<p>or2ri (or2-rebuild-instance) Rebuilds an instance with new image in OpenStack regions <i>or2ri</i> {-p, --project -r, --region -i, --instance -m, --imageId }</p>			
	<p>or2describe-workspaces (or2dw) Describes a workspace in a project. <i>or2dw</i> {-p, --project -i, --workspace_id --full --json -p, --plain-output }</p>				
Scheduling Instance Activities	<p>or2addschr (or2-create-schedule) Creates a new schedule to start or stop existing instances. <i>or2addschr</i> {-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]</p>		<p>or2dschr (or2-describe-schedules) Described previously uploaded and available schedules. <i>or2dschr</i> {-p, --project project_ID -r, --region region_name }</p>		<p>or2schaddi (or2-schedule-add-instances) Adds instance or instances to the existing schedule. <i>or2schaddi</i> {-i, --instance instance_ID -n, --name schedule_name -p, --project project_ID -r, --region region_name }</p>
	<p>or2schremi (or2-schedule-remove-instances) Removes an instance from the existing schedule. <i>or2schremi</i> {-i, --instance instance_ID -n, --name schedule_name -p, --project project_ID -r, --region region_name }</p>			<p>or2delschr (or2-delete-schedule) Deletes a previously created schedule. <i>or2delschr</i> {-n, --name schedule_name -p, --project project_ID -r, --region region_name }</p>	
Instance Properties	<p>or2setp (or2-set-instance-properties) Assigns user-defined metadata to instances. <i>or2setp</i> {-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]</p>		<p>or2delp (or2-delete-instance-properties) Deletes user-defined metadata from instances. <i>or2delp</i> {-r, --region region_name -p, --project project_ID} [-i, --instance instance_ID -v, --volume volume_ID -n, --name property_key -a, -all]</p>		<p>or2getp (or2-describe-instance-properties) Retrieves user-defined metadata from instances. <i>or2getp</i> {-r, --region region_name -p, --project project_ID} [-n, --name property_key -i, --instance instance_ID -v, --volume volume_ID]</p>



GROUP	COMMANDS				
Security and Connection	or2addkey (or2-create-keypair) 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>	or2delkey (or2-delete-keypair) Deletes a specified key pair. <i>or2delkey { -p, --project project_ID -r, --region region_name -k, --key-name key_ID }</i>	or2ikey (or2-import-keypair) 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>	or2dkey (or2-describe-keypairs) 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>	or2console (or2-console) 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 <1-9>]</i>
	or2alsip (or2-allocate-static-ip) Allocates a static IP for the specified project in the given region. <i>or2alsip { -p, --project project_ID -r, --region region_ID } [-d, --domain STANDARD/VPC]</i>	or2assip (or2-associate-static-ip) Associates the specified static IP with the given VM. <i>or2assip { -p, --project project_ID -r, --region region_ID -i, --instance instance_ID } [-a, --ip-address IP_address --any-ip-address]</i>	or2dsip (or2-describe-static-ips) Describes the static IPs available for the project in the given region. <i>or2dsip { -p, --project project_ID -r, --region region_ID } [-a, -ip_address ip_address -d, --domain STANDARD/VPC -i, --instance instance_ID]</i>		or2dissip (or2-disassociate-static-ip) Disassociates the specified static IP from its VM. <i>or2dissip { -p, --project project_ID -r, --region region_ID -a, --ip-address IP_address }</i>
	or2-describe-public-permissions (or2dpp) Describes user's permission policy in Public Cloud. <i>or2dpp { -e, --email --json command_output_in_json_format -P, --plain-output -p, --project project_ID }</i>				
	or2awsmc (or2-aws-management-console) Returns a link for login to AWS management Console. <i>or2awsmc { -p, --project_ID }</i>	or2azmc (or2-azure-management-console) Returns a link for login to Azure Management Console. <i>or2azmc { -p, --project_ID }</i>	or2dp (or2-decrypt-password) Decrypts an AWS or Google Cloud instance password stored in a file. <i>or2adp { -p, --private-key-file path -e, --encrypted-password path }</i>	or2iam (or2-iam-users) Manages IAM users. <i>or2iam { -p, --project project_ID } [-a, --action, -e, --email IAM_user_owner_email -u, --user-name IAM_user_name --reason IAM_user_deletion_reason]</i>	or2relsip (or2-release-static-ip) Removes the static IP from the project pool. <i>or2relsip { -p, --project project_ID -r, --region region_ID -a, --ip-address IP_address }</i>
Security Scanning	or2sc (or2-security-check) Returns the latest security scanning report regarding the selected instance. <i>or2sc { -p, --project project_ID -r, --region region_ID } [-i, --instance instance_ID]</i>				
Images	or2cim (or2-create-image) Creates an image based on the instance. The image can be used later to run new identical instances. <i>or2cim { -d, --description image_description -i, --instance instance_ID -n, --name image_name -r, --region region_name -p, --project project_ID -y }</i>			or2delim (or2-delete-image) Deletes custom machine images. <i>or2delim { -i, --image Image_ID -r, --region region_name -p, --project project_ID } [-y]</i>	



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Hardware Servers	<p>or2reghs (or2-register-hardware-server) Registers a dedicated instance as a hardware server in EPAM Cloud. <i>or2reghs</i> {-c, --cost-center <i>cost_center</i> -u, --cpu-count <i>cpu_count</i> -h, --hdd-space <i>hdd_space</i> -m, --memory-size <i>memory_size</i> -o, --ownership, <i>server_owner</i> -p, --project <i>project_id</i> -r, --region <i>region_name</i> -d, --registration-date, <i>registration_date</i> -n, --server-name <i>server_name</i> -e, --server-usage <i>server_usage_%</i> -t, --units-count <i>units_count</i>} [-l, --location <i>server_location</i> -w, --working_power <i>working_power_kW</i>]</p>	<p>or2unreghs (or2unregister_hardware-server) 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>or2modhs (or2-modify-hardware-server) Modifies the settings of an existing hardware server. <i>or2reghs</i> {-i, --instance <i>instance_ID</i>} [-u, --cpu-count <i>cpu_count</i> -h, --hdd-space <i>hdd_space</i> -m, --memory-size <i>memory_size</i> -e, --server-usage <i>server_usage_%</i> -t, --units-count <i>units_count</i>} [-l, --location <i>server_location</i> -w, --working_power <i>working_power_kW</i>]</p>	<p>or2hr (or2 -hardware-report) Generates a hardware server usage report. <i>or2hr</i> {-r, --region <i>region_name</i>} [-d, --day <i>day_of_report</i> -m, --month <i>month_of_report</i> -p, --project <i>project_id</i> -y, --year <i>year_of_report</i>]</p>
Volumes	<p>or2addattvol (or2-create-attach-volume) Creates and attaches storage volume to the specified instance. <i>or2addattvol</i> {-r, --region <i>region_name</i> -p, --project <i>project_ID</i> -i, --instance <i>instance_ID</i> -s, --size <i>storage_size_Gb</i>} [-d, --device <i>system_device_ID</i>] [--irg, --instanceResourceGroup <i>azure_resource_group</i>]</p>	<p>or2attvol (or2-attach-volume) Attaches specified storage volume to the specified instance. <i>or2attvol</i> {-p, --project <i>project_ID</i> -r, --region <i>region_ID</i> -v, --volume <i>storage_volume_ID</i> -d, --device <i>system device to attach the volume *for AWS regions only*</i>} [--irg, --instanceResourceGroup <i>azure_resource_group</i>]</p>		<p>or2delvol (or2-delete-volumes) Deletes a storage volume from the specified instance. <i>or2delvol</i> {-r, --region <i>region_name</i> -p, --project <i>project_ID</i> -v, --volume <i>volume_ID</i>} [--irg, --instanceResourceGroup <i>azure_resource_group</i>]-y]</p>
	<p>or2resvol (or2-resize-volume) Resizes specified volume for instance. <i>or2resvol</i> {-r, --region <i>region_name</i> -p, --project <i>project_ID</i> -v, --volume <i>volume_ID</i> -s, --size <i>storage_size_Gb</i>}</p>	<p>or2detvol (or2-detach-volume) Detaches a storage volume from the specified instance. <i>or2detvol</i> {-p, --project <i>project_ID</i> -r, --region <i>region_ID</i> -v, --volume <i>storage_volume_ID</i>} [--irg, --instanceResourceGroup <i>azure_resource_group</i>]</p>	<p>or2dvol (or2-describe-volumes) Describes a user's storage volumes. <i>or2dvol</i> {-r, --region <i>region_name</i> -p, --project <i>project_ID</i> -i, --instance <i>instance_ID</i> -v, --volume <i>volume_ID</i>}</p>	
Checkpoints	<p>or2ccp (or2-create-checkpoint) 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</i> {-r, --region <i>region_name</i> -p, --project <i>project_ID</i> -i, --instance <i>instance_ID</i>} [-d, --description <i>checkpoint_description</i>]</p>	<p>or2dcp (or2-describe-checkpoints) Lists all checkpoints created for the instance and their short description. <i>or2dcp</i> {-r, --region <i>region_name</i> -p, --project <i>project_ID</i>} [-i, --instance <i>instance_ID</i>]</p>	<p>or2gcp (or2-go-to-checkpoint) Reverts to the specified instance checkpoint. <i>or2delcp</i> {-r, --region <i>region_name</i> -p, --project <i>project_ID</i> -i, --instance <i>instance_ID</i> -c, --checkpoint <i>checkpoint_ID</i>}</p>	
		<p>or2delcp (or2-delete-checkpoint) Deletes specified instance checkpoints. May take up to several hours! <i>or2delcp</i> {-r, --region <i>region_name</i> -p, --project <i>project_ID</i> -i, --instance <i>instance_ID</i> -c, --checkpoint <i>checkpoint_ID</i>}</p>		<p>or2rcp (or2-revert-to-checkpoint) Reverts instance to the latest available checkpoint. <i>or2rcp</i> {-r, --region <i>region_name</i> -p, --project <i>project_ID</i> -i, --instance <i>instance_ID</i>}</p>
Audit and Billing	<p>or2report (or2-report) Prepares a monthly billing report for the specified project. <i>or2report</i> {-m, --month <i>month_number</i> -y, --year <i>year_int</i>} [-p, --project <i>project_ID</i> -g, --tag <i>tag_name</i> -t, --type</p>	<p>or2price (or2-price) Lists prices for all activated shapes. <i>or2price</i> {-r, --region <i>region_name</i>} [-d, --day <i>number_of_days</i> -s, --shape <i>shape_name</i> -t, --resourceState <i>active/inactive</i>]</p>		<p>or2audit (or2-audit) Views all relevant instance-related information for the specified period.</p>



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	<p>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]</p>	<p>or2dacc (or2-describe-ao-account) Describes EO Accounts available for the current user or2dacc {-c, --contacts}</p>	<p>or2audit {-p, --project project_ID} [-r, --region region_name -i, --instance instance_ID -m, --image image_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]</p>
Using Tags	<p>or2settag (or2-set-tag) Assigns a custom tag to an instance or a volume for billing purposes. or2settag {-r, --region region_name -p, --project project_ID -t, --tag tag_value -i, --instance instance_ID}</p>	<p>or2deltag (or2-delete-tag) Deletes a custom tag from an instance or a volume. or2deltag {-r, --region region_name -p, --project project_ID -i, --instance instance_ID -t, --tag tag_value}</p>	<p>or2dtag (or2-describe-tag) Retrieves custom tags, assigned to resources for billing purposes. or2dtag {-r, --region region_name -p, --project project_ID} [-c, --checkpoint checkpoint_ID -i, --instance instance_ID -v, --volume volume_ID]</p>
Working with Files	<p>or2uf (or2-upload-file) Uploads a new file and saves it in Orchestrator repository. 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]</p>	<p>or2delf (or2-delete-file) Deletes a previously uploaded file from Orchestrator repository. or2delf {-n, --file-name file_name -t, --type file_type BLUEPRINT/SCRIPT/EO-TEMPLATE/CF-TEMPLATE/ZABBIX-TEMPLATE } [-p, --project project_ID]</p>	<p>or2df (or2-describe-files) Describes uploaded and available files for the specified project. or2df {-t, --type file_type BLUEPRINT/SCRIPT/EO-TEMPLATE/CF-TEMPLATE/ZABBIX-TEMPLATE } [-p, --project project_ID] -n, --file-name file_name]</p>
AWS Stacks	<p>or2rawss (or2-run-aws-stack) Launches a specified stack on AWS. or2rawss {-r, --region region_name -p, --project project_ID -t, --template-name template_name -s, --stack-name stack_name} [-d, --default parameters -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]</p>	<p>or2dawss (or2-describe-aws-stacks) Describes one or more stacks available for the specified region and project. or2dawss {-r, --region region_name -p, --project project_ID} [-s, --stack-name Name_ID]</p> <p>or2dawsse (or2-describe-aws-stack-events) Returns the events related to the specified stack. or2dawsse {-p, --project project_ID -r, --region region_ID -s, --stack-name stack_name}</p>	<p>or2delawss (or2-delete-aws-stack) Deletes one or more stacks for the specified region and project. or2delawss {-r, --region region_name -p, --project project_ID -s, --stack-name stack_name} [-y]</p> <p>or2dawssr (or2-describe-aws-stack-resources) Describes the resources for running and deleted stacks. or2dawssr {-p, --project project_ID -r, --region_name} [-s, --stack-name -l, --logical-id -h, --physical-id]</p>
Maestro Stacks	<p>or2dmstack (or2-describe-maestro-stacks) Describes one or more existing Maestro Stacks for the specified project and region. or2dmstack {-r, --region region_name -p, --project project_ID} [-s, --stack-id]</p> <p>or2delmstack (or2-delete-maestro-stack) Deletes a Maestro Stack previously run on Orchestration, and all the related resources. or2delmstack {-r, --region region_name -p, --project project_ID -s, --stack-id stack_id} [-y]</p>	<p>or2rmstack (or2-run-maestro-stack) Runs a new Maestro Stack based on an existing template. 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]</p> <p>or2dmsr (or2-describe-maestro-stack-resources) Describes the resources created during the specified stack execution. or2dmsr {-s, --stack-id stack_id}</p>	<p>or2vmst (or2-validate-maestro-stack-template) Checks the specified Maestro Stack template for issues. or2vmst {-p, --project project_ID -r, --region region_name} [-t, --template-name template_name -m, --template-path template_path]</p> <p>or2cmst (or2-convert-maestro-stack-template) Converts a Maestro Stack template into a CloudFormation template. or2cmst {-p, --project project_ID -r, --region region_name -f, --input-file maestro_stack_path} [-d, --output-file cloudformation_stack_path]</p>



GROUP	COMMANDS			
Services (General)	or2ms (or2-manage-service) 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/ambari/jenkins/aem/k8s/gerrit/hybris/magento/backup/open-shift } [-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>			or2dser (or2-describe-services) 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>
Zabbix	or2dmon (or2-describe-monitoring) Retrieves the information about Zabbix-related items. <i>or2dmon {-p, --project project_ID -r, --region region_name}</i>	or2mon (or2-start-monitoring) 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>	or2stopmon (or2-stop-monitoring) Removes an instance from the monitoring list. <i>or2sm {-r, --region region_name -p, --project project_ID -l, --instance instance_ID}</i>	
Telemetry	or2starttel (or2-start-telemetry) Adds an instance to Telemetry monitoring. <i>or2starttel {-p, --project project_ID -r, --region region_name -i, --instance instance_id}</i>	or2stoptel (or2-stop-telemetry) Removes an instance from Telemetry monitoring. <i>or2stoptel {-p, --project project_ID -r, --region region_name -i, --instance instance_id}</i>	or2dtelag (or2-describe-telemetry-agents) Describes the resources monitored by Telemetry. <i>or2stoptel {-p, --project project_ID -r, --region region_name} -o, --original-resource-id original_resource_id</i>	or2tel (or2-get-telemetry) 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>
CloudWatch and SSM	or2ssm (or2-manage-ssm) 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>		or2cwag (or2-cloud-watch-agent) 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>	
Terraform	or2ter (or2-terraform) Manages the infrastructure with Terraform templates. <i>or2ter {-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</i>			
Chef	or2cm (or2-chef-mode) Sets one of the existing chef modes to the project. <i>or2cm {-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]</i>	or2-validate-chef (or2vchef) Allows to control and monitor the work of the service indicating any errors occurred. The command does not need any parameters.	or2dchef (or2-describe-chef) Describes the project's Chef server mode. <i>or2dchef {-r, --region region_name -p, --project project_ID}</i>	



GROUP	COMMANDS				
Ansible	or2ai (or2-ansible-init) Initializes Ansible environment for the specified project and region. <i>or2ai {-r, --region region_name -p, --project project_ID}</i>	or2ah (or2-ansible-hosts) Manages Ansible hosts. <i>or2ah {-r, --region region_name -p, --project project_ID} [-a, --action INCLUDE/EXCLUDE/DESCRIBE -h, --host host_ID -g, --group, group_name]</i>	or2ag (or2-ansible-groups) Manages Ansible groups. <i>or2ag {-r, --region region_name -p, --project project_ID} [-a, --action action CREATE/DELETE/DESCRIBE -g, --group, group_name]</i>	or2agp (or2-ansible-group-properties) Manipulates Ansible group properties. <i>or2agp {-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]</i>	or2adi (or2-ansible-dynamic-inventory) Returns Ansible dynamic inventory for the specified project and region in JSON format. <i>or2adi {-r, --region region_name -p, --project project_ID} [-t, --pretty, formatted JSON]</i>
Log Aggregation	or2dlog (or2-describe-log) Gives the list of the logged instances and the DNS name of the GrayLog server. <i>or2dlog {-r, --region region_name -p, --project project_ID}</i>		or2log (or2-start-logging) Starts collecting the logs from the specified instance. <i>or2log {-r, --region region_name -p, --project project_ID -l, --instance instance_ID} [-l, --log full_path_to_log_file]</i>	or2stoplog (or2-stop-logging) Removes the instance from Logging list. <i>or2stoplog {-r, --region region_name -p, --project project_ID -l, --instance instance_ID}</i>	
Load Balancing	or2lbconf (or2-load-balancer-config) Sets the Load Balancer Configuration. Possible Properties: <i>{-p, --project project_ID -r, --region region_name} [-b, --balancing] --balancerName name [--i, --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]</i>			or2dlb (or-describe-load-balancing) Shows the list of the hosts (instance IDs) in the load balancer group and their availability. <i>or2dlb {-r, --region region_name -p, --project project_ID}</i>	
OpenShift	or2osc (or2-openshift-client) Manages OpenShift as a Service <i>or2osc {-a, --action INSTALL/CONFIGURE} [-p, - -project project_ID -r, --region region_name -w --wildcard wildcard_name]</i>				
Docker	or2ds (or2-docker-service) Describes, runs, deletes and updates Docker services <i>or2ds {-cn, --cluster-name cluster_name -p, --project project_ID -r, --region region_name } [-a, -action /DESCRIBE, RUN / DELETE/ UPDATE -i, --image docker_image -m, --mode REPLICATED/GLOBAL -n, --replicas replicas_number -s, --service service_name -t, --tcp tcp_port -u, --udp udp_port -v, --version service_version -y]</i>	or2di (or2-docker-image) Manages Docker Swarm images. <i>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]]</i>		or2dd (or2-describe-docker) Lists existing Docker elements and their details. <i>or2dd {-p, --project project_ID -r, --region region_name -cn, --cluster-name cluster_name} [-t, --type describe_Docker_type]</i>	



GROUP	COMMANDS				
	or2dri (or2-docker-registry-image) Manages Docker registry images. <i>or2dri {-p, --project project_ID -r, --region region_name} [-a, --action DESCRIBE/DELETE] [-q, --query -dr, --docker-registry docker_registry_instance_ID -ns, --namespace namespace -R, --repository repository_name -t --type registry_type] -y]</i>			or2dv (or2-docker-volume) Manages Docker Swarm volumes. <i>or2dv {-p, --project project_ID -r, --region region_name -cn, --cluster-name cluster_name} [-a, --action describe/create/delete -v, --volume volume_name] -y]</i>	
Kubernetes	or2kp (or2-kubernetes-pods) Manages Kubernetes pods <i>or2kp {-p, --project project_ID -r, --region region_name -cn cluster-name cluster_name}</i>	or2kns (or2-kubernetes-namespaces) Manages Kubernetes namespaces <i>or2kns {-p, --project project_ID -r, --region region_name -cn cluster-name cluster_name} [-a, --action action]</i>	or2ks (or2-kubernetes-services) Manages Kubernetes services <i>or2ks {-p, --project project_ID -r, --region region_name -cn cluster-name cluster_name} [-a, --action action]</i>	or2krc (or2-kubernetes-replication-controllers) Manages Kubernetes replication controllers <i>or2krc {-p, --project project_ID -r, --region region_name -cn cluster-name cluster_name} [-a, --action action]</i>	or2kn (or2-kubernetes-nodes) Manages Kubernetes nodes <i>or2kn {-p, --project project_ID -r, --region region_name -cn cluster-name cluster_name} [-a, --action action]</i>
Jenkins	or2djj (or2-describe-jenkins-jobs) Retrieves the list of existing Jenkins jobs. <i>or2djj {-p, --project project_ID -r, --region region_name} [-j, --job Jenkins_job_name]</i>	or2cjj (or2-create-jenkins-job) Creates a new Jenkins job. <i>or2cjj {-p, --project project_ID -r, --region region_name -j, --job job_name -c, --config path_to_job_XML_config_file}</i>	or2tjj (or2-trigger-jenkins-job) Triggers an existing Jenkins job. <i>or2tjj {-p, --project project_ID -r, --region region_name -j, --job job_name} [-t, --parameter pamaneter_name=value]</i>	or2rjj (or2-remove-jenkins-job) Removes an existing Jenkins job. <i>or2rjj {-p, --project project_ID -r, --region region_name -j, --job job_name} [-y]</i>	or2mjp (or2-manage-jenkins-plugins) Manages Jenkins service plugins. <i>or2mjp {-p, --project project_ID -r, --region region_name} [-a, --action plugin_action -n, --plugin_name plugin_short_name]</i>
Sonar	or2sqp (or2-sonar-quality-profiles) Manipulates Sonar quality profiles. <i>or2sqp {-p, --project project_ID -r, --region region_name} [-a, --action -l, --language profile_language -n, --name quality_pofile_name -q, -quality-profile-key quality_profile_key -R, --rule-key Sonar_rule_key]</i>			or2sr (or2-sonar-rules) 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>	
RDB	or2rdb (or2-manage-rdb) 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 postgres 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>				
Messaging	or2mq (or2-manage-queues) 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>		or2mm (or2-manage-messages) 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>		
USEFUL LINKS					
The storage of all the available EPAM Cloud-related documentation			https://cloud.epam.com/site/learn/documentation		
Frequently Asked Questions			https://kb.epam.com/display/EPMCITFAQ/FAQ		
CLI Download Link			https://cloud.epam.com/site/develop/maestro_c=i/maestro-cli.zip		
Orchestration UI			https://cloud.epam.com		
Service Catalog for Support Requests			https://support.epam.com/ -> Catalog of Requests -> EPAM Cloud		



GROUP	COMMANDS
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Cloud Support Level 3	SupportEPM-CITL3@epam.com
Help Desk	Help_Desk@epam.com