

Ansible



Basic CLI Operations

types	<code>oc types</code>	Display an introduction to some core OpenShift concepts
login	<code>oc login</code>	Log in to the OpenShift server
logout	<code>oc logout</code>	End the current session
new-project	<code>oc new-project <project_name></code>	Create a new project
new-app	<code>oc new-app .</code>	Create a new application based on the source code in the current directory
status	<code>oc status</code>	Show an overview of the current project
project	<code>oc project <project_name></code>	Switch to another project
list projects	<code>oc project</code>	View all projects you have access to

Build and Deployment CLI Operations (cont)

`rollback` `oc rollback <deployment_name>`

`new-build` `oc new-build .`

`cancel-build` `oc cancel -build <build_name>`

`import-image` `oc import -image <image_stream>`

`scale` `oc scale <object_type> <object_id> \ --_replicas>`

Build and Deployment CLI Operations

start-build `oc start-build <build ConfigurationName>`

start-build `oc start-build --from-build=<buildName>`

start-build `oc start-build [<buildConfigurationName>| --from-build=<buildName>] --follow`

build-logs `oc build-logs <buildName>`

deploy `oc deploy <deploymentConfiguration>`

tag `oc tag <currentImage> <imageStream>`

Manually start the build process with the specified build configuration file

Manually start the build process by specifying the name of a previous build as a starting point

Application Modification CLI Operations

Manually start the build process by specifying either a configuration file or the name of a previous build and retrieves its build logs

Retrieve the build logs for the specified build

View a deployment, or manually start, cancel, or retry a deployment

```
get      oc get <obj jec t_t ype> [<obj ect _nam e_o
```

```
describe oc describe <obj jec t_t ype>
```

```
edit      oc edit <obj jec t_t ype >/< obj ect _ty pe_
```

```
edit      OC_EDIT TOR ="<t ext _ed ito r>" oc edit \ <o
```

```
edit      oc edit <obj jec t_t ype >/< obj ect _ty pe_
          <obj jec t_t ype _fo rma t>
```



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Application Modification CLI Operations (cont)

env `oc env <object_type> <object_name> \<ENV_VARIABLE> <value>`

volume `oc volume <object_type> <object_name> \ [--option]`

label `oc label <object_type> <object_name_or_id> \ <label>`

expose `oc expose <object_type> <object_name_or_id>`

stop `oc stop -f <file_path>`

stop `oc stop <object_type> <object_name_or_id>`

stop `oc stop <object_type> -l <label>`

stop `oc stop all -l <label>`

delete `oc delete -f <file_path>`

Advanced Commands

Update the desired object type with a new environment variable

Modify a volume

Update the labels on an object

Look up a service and expose it as a route

Gracefully shut down an object by ID or file name.

Gracefully shut down an object with the specified ID

Gracefully shut down an object with the specified label

Gracefully shut down all objects with the specified label

Delete the specified object

<code>delete</code>	<code>oc delete <object_type> <object_name_or_id></code>	<code>create</code>	<code>oc create -f <file_or_dir_path></code>	Parse the specified object	Parse the configuration file and create one or more OpenShift objects based on the file contents. The --flag can be passed multiple times for different file or directory paths.
<code>delete</code>	<code>oc delete <object_type> -l <label></code>			Delete the object matching the specified label	
<code>delete</code>	<code>oc delete all -l <label></code>			Delete all object matching the specified label	

Troubleshooting and Debugging CLI Operations

<code>update</code>	<code>oc update -f <file_or_dir_path></code>	Attempt to modify existing object based on the contents of the specific configuration file.
<code>process</code>	<code>oc process -f <template_file_path></code>	Transform a project template into a project configuration file.
<code>export</code>	<code>oc export <object_type> [--options]</code>	Export resource to be used elsewhere.
<code>policy</code>	<code>oc policy [--options]</code>	Manage authorization policies.
<code>secrets</code>	<code>oc secrets [--options] path/to/ssh_key</code>	Configure secrets.

Object Types

		Object Type	Abbreviated Version
logs	oc logs -f <pod_name> <container_name>	the log	
		output for a	bc
		specific	
		pod or	dc
		container.	is
		This	istag
		command	isimage
		does not	
		work for	ev
		other	
		object	po
		types	rc
		Execute a	svc
		command	
		in an	pv
		already-r-	pvc
		unning	
		container.	
		You can	
		optionally	
		specify a	
		container	
		ID,	
		otherwise it	
		defaults to	
		the first	
		container	
		Open a	
		remote	
		shell	
		session to	
		a container	
		Forward	
		one or	
		more local	
		ports to a	
		pod	
		Run a	
		proxy to	
		the	
		Kubernetes	
		API server	



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