

Your API token is

sha256~TARAlpUUX3Bj1c7SDpqLX1L5Jan0vuig-0JCUTsr0QQ

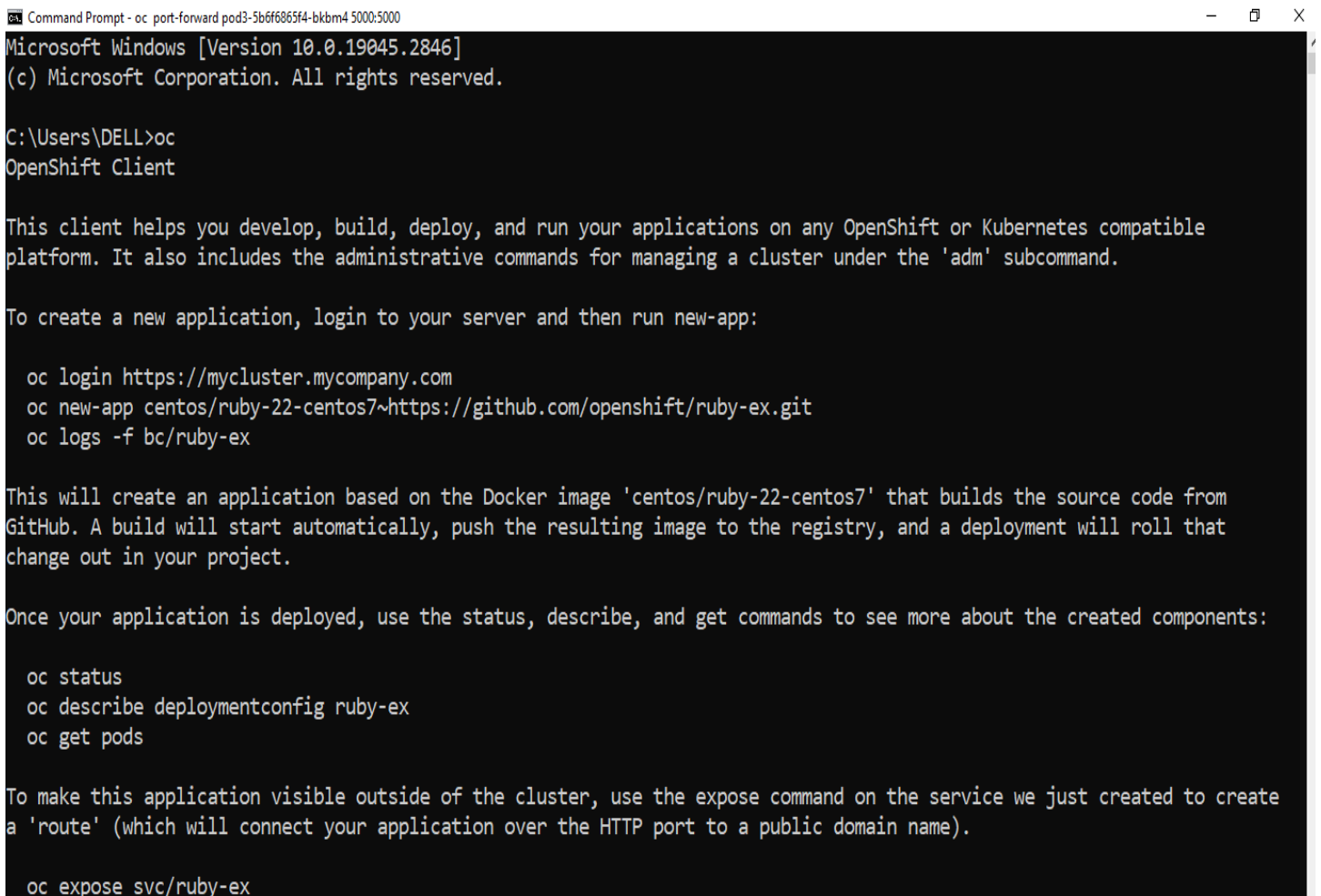
Log in with this token

```
oc login --token=sha256~TARAlpUUX3Bj1c7SDpqLX1L5Jan0vuig-0JCUTsr0QQ --server=https://api.sandbox-m3.1530.p1.openshiftapps.com:6443
```

Use this token directly against the API

```
curl -H "Authorization: Bearer sha256~TARAlpUUX3Bj1c7SDpqLX1L5Jan0vuig-0JCUTsr0QQ"
"https://api.sandbox-m3.1530.p1.openshiftapps.com:6443/apis/user.openshift.io/v1/users/~"
```

[Request another token](#)



To make this application visible outside of the cluster, use the expose command on the service we just created to create a 'route' (which will connect your application over the HTTP port to a public domain name).

```
oc expose svc/ruby-ex
oc status
```

You should now see the URL the application can be reached at.

To see the full list of commands supported, run 'oc --help'.

```
C:\Users\DELL>oc get pods
```

NAME	READY	STATUS	RESTARTS	AGE
imag-57596d9bd9-2c7m6	0/1	CrashLoopBackOff	123	4d
pod1-6d45796669-4htrv	0/1	ImagePullBackOff	0	4d
pod1-6d45796669-6xwvk	0/1	ImagePullBackOff	0	4d
pod1-6d45796669-6zjw4	0/1	ImagePullBackOff	0	4d
pod1-6d45796669-tjp8w	0/1	ImagePullBackOff	0	4d
pod2-5cf74985c-tn888	1/1	Running	2	5d
pod3-5b6f6865f4-bk4m4	1/1	Running	1	3d

```
C:\Users\DELL>oc get project
```

error: the server doesn't have a resource type "project"

```
C:\Users\DELL>oc get projects
```

error: the server doesn't have a resource type "projects"

```
C:\Users\DELL>oc project
```

Using project "default" from context named "minikube" on server "https://127.0.0.1:11590".

```
C:\Users\DELL>oc project
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Using project "default" from context named "minikube" on server "https://127.0.0.1:11590".

```
C:\Users\DELL>oc get projects
```

error: the server doesn't have a resource type "projects"

```
C:\Users\DELL>oc get
```

You must specify the type of resource to get. Valid resource types include:

- * all
- * buildconfigs (aka 'bc')
- * builds
- * certificatesigningrequests (aka 'csr')
- * clusterrolebindings
- * clusterroles
- * componentstatuses (aka 'cs')
- * configmaps (aka 'cm')
- * controllerrevisions
- * cronjobs
- * customresourcedefinition (aka 'crd')
- * daemonsets (aka 'ds')
- * deployments (aka 'deploy')
- * deploymentconfigs (aka 'dc')
- * endpoints (aka 'ep')
- * events (aka 'ev')
- * horizontalpodautoscalers (aka 'hpa')
- * imagestreamimages (aka 'isimage')
- * imagestreams (aka 'is')

* storageclasses (aka 'sc')
 * userserror: Required resource not specified.
 Use "oc explain <resource>" for a detailed description of that resource (e.g. oc explain pods).
 See 'oc get -h' for help and examples.

C:\Users\DELL>oc adm
 Administrative Commands

Commands for managing a cluster are exposed here. Many administrative actions involve interaction with the command-line client as well.

Usage:
 oc adm [flags]

Component Installation:

router	Install a router
ipfailover	Install an IP failover group to a set of nodes
registry	Install the integrated Docker registry

Security and Policy:

new-project	Create a new project
policy	Manage policy
groups	Manage groups
ca	Manage certificates and keys
certificate	Modify certificate resources.

Node Management:

create-node-config	Create a configuration bundle for a node
manage-node	Manage nodes - list pods, evacuate, or mark ready

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create-node-config	Create a configuration bundle for a node
manage-node	Manage nodes - list pods, evacuate, or mark ready
cordon	Mark node as unschedulable
uncordon	Mark node as schedulable
drain	Drain node in preparation for maintenance
taint	Update the taints on one or more nodes
pod-network	Manage pod network

Maintenance:

diagnostics	Diagnose common cluster problems
prune	Remove older versions of resources from the server
build-chain	Output the inputs and dependencies of your builds
migrate	Migrate data in the cluster
top	Show usage statistics of resources on the server
verify-image-signature	Verify the image identity contained in the image signature

Configuration:

create-kubeconfig	Create a basic .kubeconfig file from client certs
create-api-client-config	Create a config file for connecting to the server as a user
create-bootstrap-project-template	Create a bootstrap project template
create-bootstrap-policy-file	Create the default bootstrap policy
create-login-template	Create a login template
create-provider-selection-template	Create a provider selection template
create-error-template	Create an error page template

Other Commands:

completion	Output shell completion code for the specified shell (bash or zsh)
------------	--

Use "oc adm <command> --help" for more information about a given command.

Use "oc adm options" for a list of global command-line options (applies to all commands).

C:\Users\DELL>oc login --token=sha256~TARAlpUUX3Bj1c7SDpqLX1L5Jan0vuig-0JCUTsr0Q0 --server=https://api.sandbox-m3.1530.p1.openshiftapps.com:6443

Logged into "https://api.sandbox-m3.1530.p1.openshiftapps.com:6443" as "sarthakd112" using the token provided.

You have one project on this server: "sarthakd112-dev"

Using project "sarthakd112-dev".

error: converting to : type names don't match (Unknown, RawExtension), and no conversion 'func (runtime.Unknown, runtime.RawExtension) error' registered.

C:\Users\DELL>oc get pods

NAME	READY	STATUS	RESTARTS	AGE
imag-57596d9bd9-2c7m6	0/1	CrashLoopBackOff	137	5d
pod1-6d45796669-4htrv	0/1	ImagePullBackOff	0	5d
pod1-6d45796669-6xwvk	0/1	ImagePullBackOff	0	5d
pod1-6d45796669-6zjw4	0/1	ImagePullBackOff	0	5d
pod1-6d45796669-tjp8w	0/1	ImagePullBackOff	0	5d
pod2-5cf74985c-tn888	1/1	Running	2	5d
pod3-5b6f6865f4-bkbm4	1/1	Running	1	4d

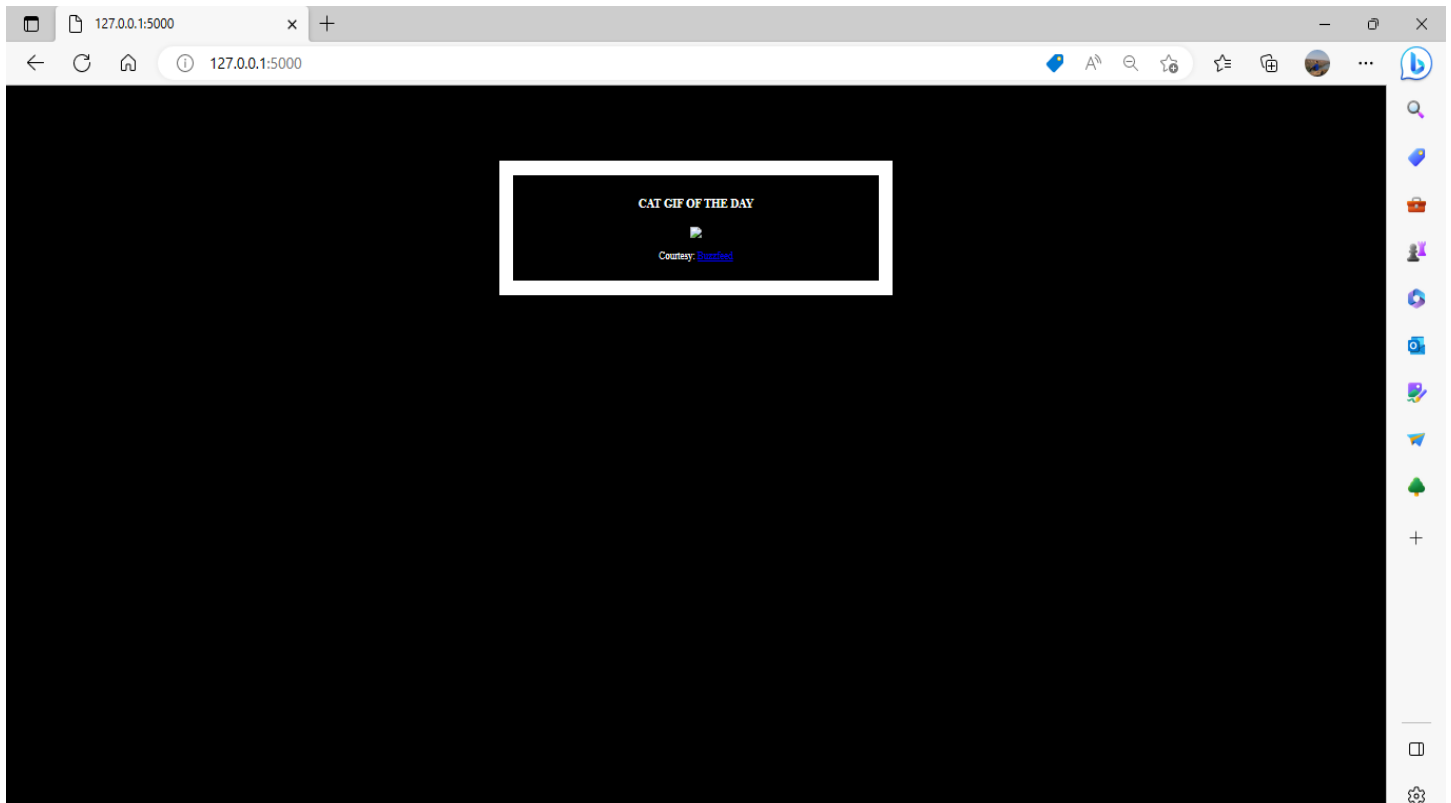
C:\Users\DELL>oc port-forward pod3-5b6f6865f4-bkbm4 5000:5000

Forwarding from 127.0.0.1:5000 -> 5000

Forwarding from [::1]:5000 -> 5000

Handling connection for 5000

Handling connection for 5000



Red Hat OpenShift Dedicated

Project: sarthakd112-dev Application: All applications

devfile-sample-python-basic-git-app

Deployment

devfile-sample-python-basic-git 0 of 0 Pods

python

Service

Ksvc demo

No application group

Health checks

Container devfile-sample-python-basic-git does not have health checks to ensure your application is running correctly. Add health checks

Details Resources Observe

Pods

No Pods found for this resource.

Builds

devfile-sample-python-basic-git Start Build

Red Hat OpenShift Dedicated

Project: sarthakd112-dev

Pods Pod details

example CrashLoopBackOff

Details Metrics YAML Environment Logs Events Terminal

Log stream ended. httpd Current log Search Debug container

Wrap lines Raw Download Expand

5 lines

```
1 => sourcing 10-set-mpm.sh ...
2 => sourcing 20-copy-config.sh ...
3 => sourcing 40-ssl-certs.sh ...
4 ---> Generating SSL key pair for httpd...
5 Could not write to /opt/app-root/src/dhparams.pem. Check directory permissions.
```

The screenshot displays the Red Hat OpenShift console interface. The top navigation bar includes the Red Hat logo and the text 'OpenShift Dedicated'. The left sidebar shows the 'Developer' section with options like '+Add', 'Topology', and 'Observe'. The main content area is titled 'Observe' and shows the 'Dashboard' for the 'sarthakd112-dev' project. Below the dashboard, an 'OpenShift command line terminal' is open, showing the user logging in with a token and listing the pods in the project.

Observe Dashboard

Project: sarthakd112-dev

Observe

Dashboard Metrics Alerts Events

Dashboard Time Range Refresh Interval

OpenShift command line terminal

```
bash-4.4 ~ $ oc login --token=sha256~TARAlpUUX3Bj1c7SDpqLX1L5Jan0vuig-0JCUTsr0QQ --server=https://api.sandbox-m3.1530.p1.openshiftapps.com:6443
Logged into "https://api.sandbox-m3.1530.p1.openshiftapps.com:6443" as "sarthakd112" using the token provided.

You have one project on this server: "sarthakd112-dev"

Using project "sarthakd112-dev".
bash-4.4 ~ $ oc get pods
```

NAME	READY	STATUS	RESTARTS	AGE
devfile-sample-python-basic-git-2-build	0/1	Completed	0	11h
devfile-sample-python-basic-git-3-build	0/1	Completed	0	11h
example	0/1	CrashLoopBackOff	124 (2m27s ago)	11h
workspacef46b1cc8247c4b23-7f76ff48b5-4bkvf	2/2	Running	0	39s

```
bash-4.4 ~ $
```

