

```

C02Y1053JGH7:minishift ps032249$ minishift start
-- Starting profile 'minishift'
-- Check if deprecated options are used ... OK
-- Checking if https://github.com is reachable ... OK
-- Checking if requested OpenShift version 'v3.11.0' is valid ... OK
-- Checking if requested OpenShift version 'v3.11.0' is
supported ... OK
-- Checking if requested hypervisor 'hyperkit' is supported on this
platform ... OK
-- Checking if hyperkit is installed ...
  Hyperkit is available at /usr/local/bin/hyperkit
  Checking for setuid bit ... FAIL
  See the 'Setting Up the Virtualization Environment' topic
  (https://docs.okd.io/latest/minishift/getting-started/setting-up-
  virtualization-environment.html) for more information
C02Y1053JGH7:minishift ps032249$ minishift start --vm-driver
virtualbox
-- Starting profile 'minishift'
-- Check if deprecated options are used ... OK
-- Checking if https://github.com is reachable ... OK
-- Checking if requested OpenShift version 'v3.11.0' is valid ... OK
-- Checking if requested OpenShift version 'v3.11.0' is
supported ... OK
-- Checking if requested hypervisor 'virtualbox' is supported on
this platform ... OK
-- Checking if VirtualBox is installed ... FAIL
  See the 'Installing Prerequisites for Minishift' topic (https://
  docs.okd.io/latest/minishift/getting-started/
  installing.html#install-prerequisites) for more information
C02Y1053JGH7:minishift ps032249$ minishift start --vm-driver
virtualbox
-- Starting profile 'minishift'
-- Check if deprecated options are used ... OK
-- Checking if https://github.com is reachable ... OK
-- Checking if requested OpenShift version 'v3.11.0' is valid ... OK
-- Checking if requested OpenShift version 'v3.11.0' is
supported ... OK
-- Checking if requested hypervisor 'virtualbox' is supported on
this platform ... OK
-- Checking if VirtualBox is installed ... OK
-- Checking the ISO URL ... OK
-- Downloading OpenShift binary 'oc' version 'v3.11.0'
  53.27 MiB / 53.27 MiB
[=====
=====
=====]
100.00% 0s-- Downloading OpenShift v3.11.0 checksums ... OK
-- Checking if provided oc flags are supported ... OK
-- Starting the OpenShift cluster using 'virtualbox' hypervisor ...
-- Minishift VM will be configured with ...
  Memory:      4 GB
  vCPUs :      2
  Disk size: 20 GB

```

```

    Downloading ISO 'https://github.com/minishift/minishift-centos-
iso/releases/download/v1.17.0/minishift-centos7.iso'
    375.00 MiB / 375.00 MiB
[=====
=====
=====]
100.00% 0s
-- Starting Minishift VM ..... OK
-- Checking for IP address ... OK
-- Checking for nameservers ... OK
-- Checking if external host is reachable from the Minishift VM ...
    Pinging 8.8.8.8 ... OK
-- Checking HTTP connectivity from the VM ...
    Retrieving http://minishift.io/index.html ... OK
-- Checking if persistent storage volume is mounted ... OK
-- Checking available disk space ... 1% used OK
-- Writing current configuration for static assignment of IP
address ... OK
    Importing 'openshift/origin-control-plane:v3.11.0' . CACHE MISS
    Importing 'openshift/origin-docker-registry:v3.11.0' . CACHE MISS
    Importing 'openshift/origin-haproxy-router:v3.11.0' . CACHE MISS
-- OpenShift cluster will be configured with...
    Version: v3.11.0
-- Pulling the OpenShift Container
Image ..... OK
-- Copying oc binary from the OpenShift container image to VM ... OK
-- Starting OpenShift
cluster .....
.....
Getting a Docker client ...
Checking if image openshift/origin-control-plane:v3.11.0 is
available ...
Pulling image openshift/origin-cli:v3.11.0
E1115 11:09:13.246539    2546 helper.go:173] Reading docker config
from /home/docker/.docker/config.json failed: open /home/
docker/.docker/config.json: no such file or directory, will attempt
to pull image docker.io/openshift/origin-cli:v3.11.0 anonymously
Image pull complete
Pulling image openshift/origin-node:v3.11.0
E1115 11:09:21.285731    2546 helper.go:173] Reading docker config
from /home/docker/.docker/config.json failed: open /home/
docker/.docker/config.json: no such file or directory, will attempt
to pull image docker.io/openshift/origin-node:v3.11.0 anonymously
Pulled 5/6 layers, 85% complete
Pulled 5/6 layers, 97% complete
Pulled 6/6 layers, 100% complete
Extracting
Image pull complete
Checking type of volume mount ...
Determining server IP ...
Using public hostname IP 192.168.99.100 as the host IP
Checking if OpenShift is already running ...
Checking for supported Docker version (=>1.22) ...
Checking if insecure registry is configured properly in Docker ...

```

Checking if required ports are available ...
Checking if OpenShift client is configured properly ...
Checking if image openshift/origin-control-plane:v3.11.0 is available ...
Starting OpenShift using openshift/origin-control-plane:v3.11.0 ...
I1115 11:10:10.886100 2546 config.go:40] Running "create-master-config"
I1115 11:10:12.886779 2546 config.go:46] Running "create-node-config"
I1115 11:10:13.618052 2546 flags.go:30] Running "create-kubelet-flags"
I1115 11:10:14.011411 2546 run_kubelet.go:49] Running "start-kubelet"
I1115 11:10:14.182412 2546 run_self_hosted.go:181] Waiting for the kube-apiserver to be ready ...
I1115 11:11:55.197917 2546 interface.go:26] Installing "kube-proxy" ...
I1115 11:11:55.198662 2546 interface.go:26] Installing "kube-dns" ...
I1115 11:11:55.198670 2546 interface.go:26] Installing "openshift-service-cert-signer-operator" ...
I1115 11:11:55.198675 2546 interface.go:26] Installing "openshift-apiserver" ...
I1115 11:11:55.198702 2546 apply_template.go:81] Installing "openshift-apiserver"
I1115 11:11:55.199637 2546 apply_template.go:81] Installing "kube-proxy"
I1115 11:11:55.200729 2546 apply_template.go:81] Installing "kube-dns"
I1115 11:11:55.200905 2546 apply_template.go:81] Installing "openshift-service-cert-signer-operator"
I1115 11:11:59.055811 2546 interface.go:41] Finished installing "kube-proxy" "kube-dns" "openshift-service-cert-signer-operator" "openshift-apiserver"
I1115 11:14:25.084228 2546 run_self_hosted.go:242] openshift-apiserver available
I1115 11:14:25.084883 2546 interface.go:26] Installing "openshift-controller-manager" ...
I1115 11:14:25.084907 2546 apply_template.go:81] Installing "openshift-controller-manager"
I1115 11:14:27.911563 2546 interface.go:41] Finished installing "openshift-controller-manager"
Adding default OAuthClient redirect URIs ...
Adding web-console ...
Adding persistent-volumes ...
Adding sample-templates ...
Adding centos-imagestreams ...
Adding registry ...
Adding router ...
I1115 11:14:27.925737 2546 interface.go:26] Installing "openshift-web-console-operator" ...
I1115 11:14:27.925746 2546 interface.go:26] Installing "persistent-volumes" ...
I1115 11:14:27.925751 2546 interface.go:26] Installing "sample-

```
templates" ...
I1115 11:14:27.925756      2546 interface.go:26] Installing "centos-
imagestreams" ...
I1115 11:14:27.925760      2546 interface.go:26] Installing
"openshift-image-registry" ...
I1115 11:14:27.925764      2546 interface.go:26] Installing
"openshift-router" ...
I1115 11:14:27.926263      2546 apply_template.go:81] Installing
"openshift-web-console-operator"
I1115 11:14:27.926736      2546 interface.go:26] Installing "sample-
templates/mongodb" ...
I1115 11:14:27.926744      2546 interface.go:26] Installing "sample-
templates/mariadb" ...
I1115 11:14:27.926748      2546 interface.go:26] Installing "sample-
templates/postgresql" ...
I1115 11:14:27.926752      2546 interface.go:26] Installing "sample-
templates/django quickstart" ...
I1115 11:14:27.926756      2546 interface.go:26] Installing "sample-
templates/nodejs quickstart" ...
I1115 11:14:27.926760      2546 interface.go:26] Installing "sample-
templates/jenkins pipeline ephemeral" ...
I1115 11:14:27.926764      2546 interface.go:26] Installing "sample-
templates/mysql" ...
I1115 11:14:27.926768      2546 interface.go:26] Installing "sample-
templates/cakephp quickstart" ...
I1115 11:14:27.926772      2546 interface.go:26] Installing "sample-
templates/dancer quickstart" ...
I1115 11:14:27.926777      2546 interface.go:26] Installing "sample-
templates/rails quickstart" ...
I1115 11:14:27.926784      2546 interface.go:26] Installing "sample-
templates/sample pipeline" ...
I1115 11:14:27.926852      2546 apply_list.go:67] Installing "sample-
templates/sample pipeline"
I1115 11:14:27.927119      2546 apply_list.go:67] Installing "centos-
imagestreams"
I1115 11:14:27.927468      2546 apply_list.go:67] Installing "sample-
templates/mongodb"
I1115 11:14:27.927562      2546 apply_list.go:67] Installing "sample-
templates/mariadb"
I1115 11:14:27.927644      2546 apply_list.go:67] Installing "sample-
templates/postgresql"
I1115 11:14:27.927722      2546 apply_list.go:67] Installing "sample-
templates/django quickstart"
I1115 11:14:27.927798      2546 apply_list.go:67] Installing "sample-
templates/nodejs quickstart"
I1115 11:14:27.927871      2546 apply_list.go:67] Installing "sample-
templates/jenkins pipeline ephemeral"
I1115 11:14:27.927946      2546 apply_list.go:67] Installing "sample-
templates/mysql"
I1115 11:14:27.928064      2546 apply_list.go:67] Installing "sample-
templates/cakephp quickstart"
I1115 11:14:27.928208      2546 apply_list.go:67] Installing "sample-
templates/dancer quickstart"
I1115 11:14:27.928711      2546 apply_list.go:67] Installing "sample-
```

```
templates/rails quickstart"
I1115 11:14:40.793234    2546 interface.go:41] Finished installing
"sample-templates/mongodb" "sample-templates/mariadb" "sample-
templates/postgresql" "sample-templates/django quickstart" "sample-
templates/nodejs quickstart" "sample-templates/jenkins pipeline
ephemeral" "sample-templates/mysql" "sample-templates/cakephp
quickstart" "sample-templates/dancer quickstart" "sample-templates/
rails quickstart" "sample-templates/sample pipeline"
I1115 11:15:39.518082    2546 interface.go:41] Finished installing
"openshift-web-console-operator" "persistent-volumes" "sample-
templates" "centos-imagestreams" "openshift-image-registry"
"openshift-router"
Login to server ...
Creating initial project "myproject" ...
Server Information ...
OpenShift server started.
```

The server is accessible via web console at:
<https://192.168.99.100:8443/console>

You are logged in as:
User: developer
Password: <any value>

To login as administrator:
oc login -u system:admin

-- Exporting of OpenShift images is occurring in background process
with pid 32244.
C02Y1053JGH7:minishift ps032249\$