

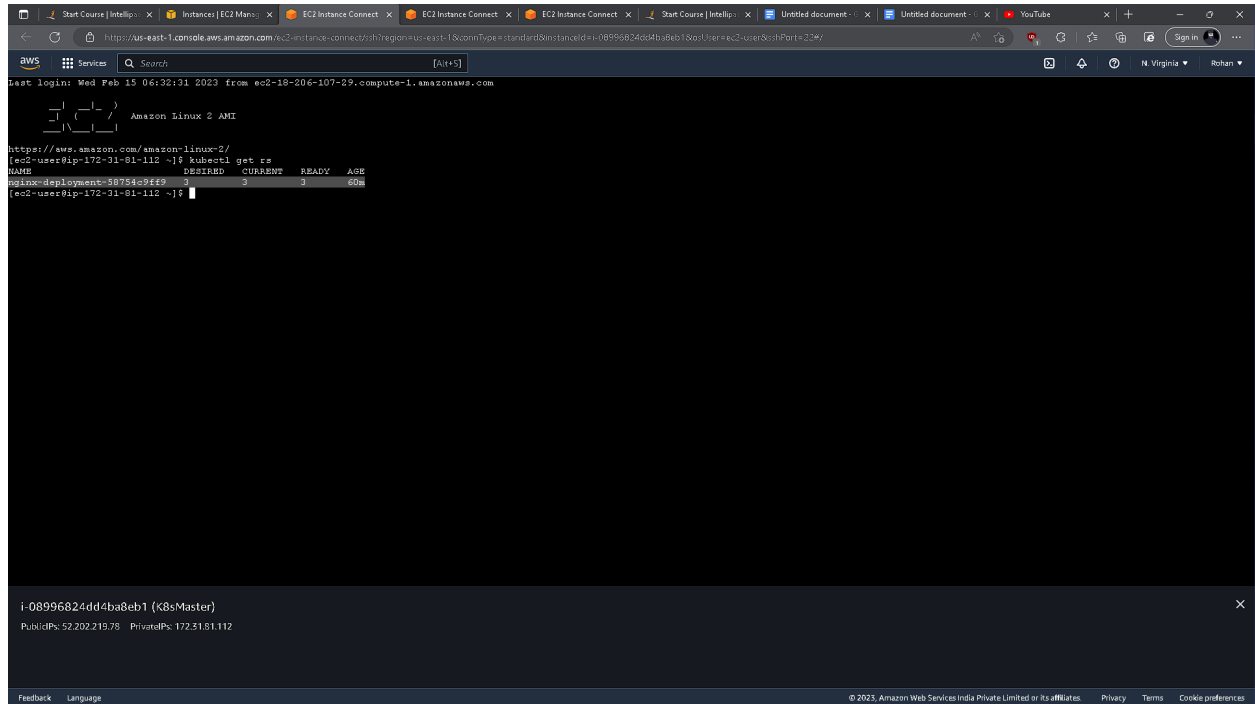
Kubernetes - 3

You have been asked to:

- Use the previous deployment
- Change the replicas to 5 for the deployment

KubectI get rs

Current replicas are 3.



The screenshot shows a terminal window within the AWS console. The terminal output displays the Amazon Linux 2 AMI logo, the URL <https://aws.amazon.com/amazon-linux-2/>, and the command `kubectl get rs` being executed. The output of the command is a table showing the status of the `nginx-deployment` with 3 desired, 3 current, and 3 ready replicas.

```
last login: Wed Feb 15 06:22:31 2023 from ec2-18-206-107-29.compute-1.amazonaws.com

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| |   | |   | |
|_|   |_|   |_|

Amazon Linux 2 AMI

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-81-112 ~]$ kubectl get rs
NAME                                DESIRED    CURRENT    READY    AGE
nginx-deployment-58754c9ff9        3           3           3        60m
[ec2-user@ip-172-31-81-112 ~]$
```

Below the terminal output, a metadata box for the EC2 instance is visible, showing the instance ID `i-08996824dd4ba8eb1` and its type `(K8sMaster)`.

```
kubectl scale --replicas=5 rs <rs name>
```

```
Start Course [IntelliJ] x EC2 Instance Connect x EC2 Instance Connect x Start Course [IntelliJ] x Untitled document - x YouTube  
< > http://aws-east-1.console.aws.amazon.com/ec2-instance-connect?region=us-east-1&contentType=standard&panelId=i-08996824dd4ba8eb1&showEcrEc2User&sshPort=22/?  
AWS Services Search [Alt+S]  
Last login: Wed Feb 15 08:29:23 2023 from ec2-18-206-107-28.compute-1.amazonaws.com  
  
_ _ | _ _ |\n|_| (_)_/   Amazon Linux 2 AMI\n--\n\nhttps://aws.amazon.com/amazon-linux-2/  
[ec2-user@ip-172-31-81-112 ~]$ kubectl get rs  
k20215 08:31:33.587652    21783 memcache.go(253) couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request  
k20215 08:31:33.591477    21783 memcache.go(253) couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request  
k20215 08:31:33.594025    21783 memcache.go(106) couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request  
k20215 08:31:33.596218    21783 memcache.go(106) couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request  
No resources found in default namespace.  
[ec2-user@ip-172-31-81-112 ~]$ ls  
custom-resources.yaml nginx-deployment.yaml nginx-service-nodeport.yaml  
[ec2-user@ip-172-31-81-112 ~]$ kubectl create -f nginx-deployment.yaml  
k20215 08:33:33.245699    22094 memcache.go(253) couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request  
k20215 08:33:33.258876    22094 memcache.go(106) couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request  
deployment.apps/nginx-deployment created  
[ec2-user@ip-172-31-81-112 ~]$ kubectl get rs  
bash: kubectl: command not found  
[ec2-user@ip-172-31-81-112 ~]$ kubectl get rs  
k20215 08:33:55.797306    22245 memcache.go(253) couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request  
k20215 08:33:55.800152    22245 memcache.go(106) couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request  
k20215 08:33:55.804988    22245 memcache.go(106) couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request  
k20215 08:33:55.809233    22245 memcache.go(106) couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request  
NAME                                DESIRED  CURRENT  READY  AGE  
nginx-deployment-58754c9t4g          3         3        2/3    22s  
[ec2-user@ip-172-31-81-112 ~]$ kubectl scale --replicas=5 rs nginx-deployment-58754c9t4g
```

i-08996824dd4ba8eb1 (K8sMaster)
PublicIP: 52.202.219.78 PrivateIP: 172.31.81.112

Replicas are now set to 5.

```
Start Course | Intellix | Instances | EC2 Instance Connect | EC2 Instance Connect | Start Course | Intellix | Undefined document | Undefined document | YouTube
< > http://aws-east-1.console.aws.amazon.com/ec2-instance-connect/home?region=us-east-1&contentType=standard&instanceId=i-08996824dd4ba8eb13x&user=ec2-user&Port=22?y
AWS Services Search [Alt+S]
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00215 08:37:15.671456 23060 memcache.go:106] couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request
00215 08:37:15.674236 23060 memcache.go:106] couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request
NAME                                DESIRED  CURRENT  READY  AGE
nginx-deployment-58754c9ff9         3        3        3      2m42s
[ec2-user@ip-172-31-81-112 ~]$ nano kubectl-deployment.yaml
[ec2-user@ip-172-31-81-112 ~]$ nano nginx-deployment.yaml
[ec2-user@ip-172-31-81-112 ~]$ y
-bash: y: command not found
[ec2-user@ip-172-31-81-112 ~]$ kubectl delete deploy nginx-deployment
00215 08:38:30.343323 23254 memcache.go:253] couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request
00215 08:38:30.344042 23254 memcache.go:106] couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request
00215 08:38:30.348627 23254 memcache.go:106] couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request
00215 08:38:30.353643 23254 memcache.go:106] couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request
[ec2-user@ip-172-31-81-112 ~]$ kubectl rs
error: unknown command "rs" for "kubectl"

Did you mean this?
  run
  cp
[ec2-user@ip-172-31-81-112 ~]$ kubectl get rs
00215 08:38:56.090585 23420 memcache.go:253] couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request
00215 08:38:56.094924 23420 memcache.go:106] couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request
00215 08:38:56.098732 23420 memcache.go:106] couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request
00215 08:38:56.097081 23420 memcache.go:106] couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request
No resources found in default namespace.
[ec2-user@ip-172-31-81-112 ~]$ kubectl reset
error: unknown command "reset" for "kubectl"

Did you mean this?
  set
[ec2-user@ip-172-31-81-112 ~]$ kubectl create -f nginx-deployment.yaml
00215 08:39:08.086136 23542 memcache.go:253] couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request
00215 08:39:40.089331 23542 memcache.go:106] couldn't get resource list for projectcalico.org/v3: the server is currently unable to handle the request
deployment.apps/nginx-deployment created
[ec2-user@ip-172-31-81-112 ~]$ kubectl get rs
NAME                                DESIRED  CURRENT  READY  AGE
nginx-deployment-58754c9ff9         5        5        5      41s
[ec2-user@ip-172-31-81-112 ~]$

i-08996824dd4ba8eb1 (K8sMaster)
PublicIP: 52.202.219.78 PrivateIP: 172.31.81.112
```