

You have been asked to:

- Use the previous deployment
- Create a service of type NodePort for nginx deployment
- Check the nodeport service on a browser to verify

```
apiVersion: v1
kind: Service
metadata:
  name: nodeport-service
spec:
  type: NodePort
  selector:
    app: nginx
  ports:
    - port: 90
      targetPort: 80
      nodePort: 30000
```

```
ubuntu@masternode: ~  
ubuntu@masternode:~$ kubectl apply -f service.yaml  
service/nodeport-service created  
ubuntu@masternode:~$
```

```
ubuntu@masternode:~$ kubectl apply -f service.yaml  
service/nodeport-service created  
ubuntu@masternode:~$ kubectl get service  
NAME                TYPE        CLUSTER-IP    EXTERNAL-IP    PORT(S)          AGE  
kubernetes           ClusterIP   10.96.0.1     <none>         443/TCP          44m  
nodeport-service     NodePort    10.104.120.167 <none>         90:30000/TCP     28s  
ubuntu@masternode:~$
```

Instances | EC2 | us-east-1

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kubernetes/3-controllers/depl...

Welcome to nginx

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances?v=3;\$\$case=tags:true%5C.client:false;\$regex=tags:false%5C.client:fa...

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Instances (1/3) Info

Find Instance by attribute or tag (case-sensitive)

Running

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availa
<input checked="" type="checkbox"/>	masternode	i-0d82dec7013205...	Running	t2.small	Initializing	View alarms +	us-eas
<input type="checkbox"/>	workernode1	i-0fd4bb5782d6e9...	Running	t2.small	Initializing	View alarms +	us-eas
<input type="checkbox"/>	workernode2	i-0c610c4348233ad...	Running	t2.small	Initializing	View alarms +	us-eas

Instance: i-0d82dec701320537a (masternode)

DetailsStatus and alarms [New](#)MonitoringSecurityNetworkingStorageTags

▼ Instance summary Info

Instance ID

i-0d82dec701320537a (masternode)

Public IPv4 address

35.173.187.107 [open address](#)

Private IPv4 addresses

172.31.88.113

IPv6 address

-

Instance state

Running

Public IPv4 DNS

ec2-35-173-187-107.compute-1.amazonaws.com [open address](#)

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Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.

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Instances | EC2 | us-east-1

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:vs=3;\$case=tags:true%5C,client:false;\$regex=tags:false%5C,client:fa...

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Reserved Instances

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AMIs

Instances (1/3) Info

Find Instance by attribute or tag (case-sensitive)

Running

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability
<input type="checkbox"/>	masternode	i-0d82dec7013205...	Running	t2.small	Initializing	View alarms +	us-east-1
<input checked="" type="checkbox"/>	workernode1	i-0fd4bb5782d6e9...	Running	t2.small	Initializing	View alarms +	us-east-1
<input type="checkbox"/>	workernode2	i-0c610c4348233ad...	Running	t2.small	Initializing	View alarms +	us-east-1

Instance: i-0fd4bb5782d6e955f (workernode1)

Details Status and alarms [New](#) Monitoring Security **Networking** Storage Tags

▼ Instance summary Info

Instance ID	Public IPv4 address	Private IPv4 addresses
i-0fd4bb5782d6e955f (workernode1)	54.167.26.100 open address	172.31.93.66
IPv6 address	Instance state	Public IPv4 DNS
-	Running	ec2-54-167-26-100.compute-1.amazonaws.com open address

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Find Instance by attribute or tag (case-sensitive) Running

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
masternode	i-0d82dec7013205...	Running	t2.small	Initializing	View alarms	us-east-1
workernode1	i-0fd4bb5782d6e9...	Running	t2.small	Initializing	View alarms	us-east-1
workernode2	i-0c610c4348233ad...	Running	t2.small	Initializing	View alarms	us-east-1

Instance: i-0c610c4348233adab (workernode2)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary

Instance ID: i-0c610c4348233adab (workernode2)

Public IPv4 address: 54.160.10.112 (open address)

Private IPv4 addresses: 172.31.86.254

IPv6 address: -

Instance state: Running

Public IPv4 DNS: ec2-54-160-10-112.compute-1.amazonaws.com (open address)

Instances | EC2 | us-east-1 | console.aws.amazon.com

Find Instance by attribute or tag (case-sensitive) Running

54.160.10.112:30000

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