

Mail - Eshwar | Connect to ins... | EC2 Instance C... | Docker 101 Tu... | 192.168.49.2 | selector match... | Labels and Sel... | +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
[ec2-user@ip-172-31-12-246 ~]$ kubectl create -f pvc.yml
persistentvolumeclaim/mypvc created
[ec2-user@ip-172-31-12-246 ~]$ kubectl get pvc
NAME      STATUS    VOLUME   CAPACITY   ACCESS MODES   STORAGECLASS   AGE
mypvc     Pending                                     standard        1Gi          7s
[ec2-user@ip-172-31-12-246 ~]$ kubectl describe pvc/mypvc
Name:          mypvc
Namespace:     default
StorageClass:  standard
Status:        Pending
Volume:
Labels:        <none>
Annotations:   <none>
Finalizers:    [kubernetes.io/pvc-protection]
Capacity:
Access Modes:  Filesystem
VolumeMode:    <none>
Used By:
Events:
```

Type	Reason	Age	From	Message

i-03d5a71bf0df22cbe (kubernetes)

PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 28°C Partly sunny 17:46 16-12-2022

Mail - Eshwar | Connect to ins... | EC2 Instance C... | Docker 101 Tu... | 192.168.49.2 | selector match... | Labels and Sel... | +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
apiVersion: v1
kind: PersistentVolume
metadata:
  name: mypvtopvc
spec:
  accessModes:
    - ReadWriteOnce
  capacity:
    storage: 1Gi
  hostPath:
    path: /mnt/kanna
```

"pv.yml" 11L, 166B 11,3 All

i-03d5a71bf0df22cbe (kubernetes)

PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly sunny 17:53 16-12-2022

Mail - Eshwar | Connect to ins... | EC2 Instance C... | Docker 101 Tu... | 192.168.49.2 | selector match... | Labels and Sel... | +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
[ec2-user@ip-172-31-12-246 ~]$ kubectl create -f pvc.yml
persistentvolumeclaim/mypvc created
[ec2-user@ip-172-31-12-246 ~]$ kubectl get pvc
NAME      STATUS    VOLUME   CAPACITY   ACCESS MODES   STORAGECLASS   AGE
mypvc     Pending                                     standard        4s
[ec2-user@ip-172-31-12-246 ~]$
```

i-03d5a71bf0df22cbe (kubernetes)
PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly sunny ENG 17:56 16-12-2022

Mail - Eshwar | Connect to ins... | EC2 Instance C... | Docker 101 Tu... | 192.168.49.2 | selector match... | Labels and Sel... | +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
[ec2-user@ip-172-31-12-246 ~]$ kubectl create -f pv.yml
persistentvolume/myptopvc created
[ec2-user@ip-172-31-12-246 ~]$ kubectl get pv
NAME      CAPACITY   ACCESS MODES   RECLAIM POLICY   STATUS   CLAIM   STORAGECLASS   REASON   AGE
myptopvc  1G         RWO            Retain            Available                                     4s
pvc-c8407983-750e-4afc-aac6-06f4ae59f332  1G         RWO            Delete            Released  default/mypvc  standard  2d
[ec2-user@ip-172-31-12-246 ~]$
```

i-03d5a71bf0df22cbe (kubernetes)
PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly sunny ENG 17:57 16-12-2022

Mail - Eshwar | Connect to ins... | EC2 Instance C... | Docker 101 Tu... | 192.168.49.2 | selector match... | Labels and Sel... | +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
[ec2-user@ip-172-31-12-246 ~]$ kubectl create -f pv.yml
persistentvolume/myptopvc created
[ec2-user@ip-172-31-12-246 ~]$ kubectl get pv
```

NAME	CAPACITY	ACCESS MODES	RECLAIM POLICY	STATUS	CLAIM	STORAGECLASS	REASON	AGE
myptopvc	1G	RWO	Retain	Available				4s
pvc-c8407983-750e-4afc-aac6-06f4ae59f332	1G	RWO	Delete	Released	default/myptopvc	standard		2d

```
[ec2-user@ip-172-31-12-246 ~]$ kubectl get pvc
```

NAME	STATUS	VOLUME	CAPACITY	ACCESS MODES	STORAGECLASS	AGE
myptopvc	Bound	myptopvc	1G	RWO		70s

```
[ec2-user@ip-172-31-12-246 ~]$
```

i-03d5a71bf0df22cbe (kubernetes)

PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly sunny 17:57 16-12-2022

Mail - Eshwar | Connect to ins... | EC2 Instance C... | Docker 101 Tu... | 192.168.49.2 | selector match... | Labels and Sel... | +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
[ec2-user@ip-172-31-12-246 ~]$ kubectl create -f pv.yml
persistentvolume/myptopvc created
[ec2-user@ip-172-31-12-246 ~]$ kubectl get pv
```

NAME	CAPACITY	ACCESS MODES	RECLAIM POLICY	STATUS	CLAIM	STORAGECLASS	REASON	AGE
myptopvc	1G	RWO	Retain	Available				4s
pvc-c8407983-750e-4afc-aac6-06f4ae59f332	1G	RWO	Delete	Released	default/myptopvc	standard		2d

```
[ec2-user@ip-172-31-12-246 ~]$ kubectl get pvc
```

NAME	STATUS	VOLUME	CAPACITY	ACCESS MODES	STORAGECLASS	AGE
myptopvc	Bound	myptopvc	1G	RWO		70s

```
[ec2-user@ip-172-31-12-246 ~]$ kubectl get pv
```

NAME	CAPACITY	ACCESS MODES	RECLAIM POLICY	STATUS	CLAIM	STORAGECLASS	REASON	AGE
myptopvc	1G	RWO	Retain	Bound	default/myptopvc			34s
pvc-c8407983-750e-4afc-aac6-06f4ae59f332	1G	RWO	Delete	Released	default/myptopvc	standard		2d

```
[ec2-user@ip-172-31-12-246 ~]$
```

i-03d5a71bf0df22cbe (kubernetes)

PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly sunny 17:58 16-12-2022

Mail - Eshwar Lakkakula - Outlo... x Connect to instance | EC2 Mana... x EC2 Instance Connect x +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
pvc-c8407983-750e-4afc-aac6-06f4ae59f332 1G RWO Delete Released default/mypvc standard 2d
[ec2-user@ip-172-31-12-246 ~]$ kubectl describe pvc
Name: mypvc
Namespace: default
StorageClass:
Status: Bound
Volume: mypvtopvc
Labels: <none>
Annotations: pv.kubernetes.io/bind-completed: yes
              pv.kubernetes.io/bound-by-controller: yes
              [kubernetes.io/pvc-protection]
Finalizers: [kubernetes.io/pvc-protection]
Capacity: 1G
Access Modes: RWO
VolumeMode: Filesystem
Used By: <none>
Events:
  Type      Reason      Age          From          Message
  ----      -
  Normal    FailedBinding  91s (x5 over 2m22s)  persistentvolume-controller  no persistent volumes available for this claim and no storage class is set
[ec2-user@ip-172-31-12-246 ~]$
```

i-03d5a71bf0df22cbe (kubernetes)
PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly sunny ENG 17:59 16-12-2022

Mail - Eshwar Lakkakula - Outlo... x Connect to instance | EC2 Mana... x EC2 Instance Connect x +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
apiVersion: v1
kind: Pod
metadata:
  name: "pvcpod"
  labels:
    region: IN
    team: team1
    env: prod
spec:
  volumes:
  - name: v1
    persistentVolumeClaim:
      claimName: mypvc
  containers:
  - name: "pycos"
    image: "httpd"
    volumeMounts:
```

1,1 Top

i-03d5a71bf0df22cbe (kubernetes)
PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly sunny ENG 18:09 16-12-2022

Mail - Eshwar Lakkakula - Outlo... x Connect to instance | EC2 Mana... x EC2 Instance Connect x +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
labels:
  region: IN
  team: team1
  env: prod

spec:
  volumes:
  - name: v1
    persistentVolumeClaim:
      claimName: mypvc

  containers:
  - name: "pvcos"
    image: "vimal13/apache-webserver-php"
    volumeMounts:
    - mountPath: /var/www/data
      name: v1
```

-- INSERT -- 24,1 Bot

i-03d5a71bf0df22cbe (kubernetes)

PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly sunny 18:13 16-12-2022

Mail - Eshwar Lakkakula - Outlo... x Connect to instance | EC2 Mana... x EC2 Instance Connect x +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
[ec2-user@ip-172-31-12-246 ~]$ kubectl create -f pvc_pod.yml
pod/pvcpod created
[ec2-user@ip-172-31-12-246 ~]$ kubectl get po
NAME          READY   STATUS    RESTARTS   AGE
mypod3        1/1     Running   0           106m
myrs1-j5cj4   1/1     Running   0           69m
myrs1-tnfxt   1/1     Running   0           68m
pvcpod        1/1     Running   0           4s
[ec2-user@ip-172-31-12-246 ~]$
```

i-03d5a71bf0df22cbe (kubernetes)

PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly sunny 18:13 16-12-2022

Mail - Eshwar Lakkakula - Outlo... x Connect to instance | EC2 Mana... x EC2 Instance Connect x +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
[ec2-user@ip-172-31-12-246 ~]$ kubectl create -f pvc_pod.yml
pod/pvcpod created
[ec2-user@ip-172-31-12-246 ~]$ kubectl get po
NAME      READY   STATUS    RESTARTS   AGE
mypod3    1/1     Running   0           106m
myrs1-j5cj4 1/1     Running   0           69m
myrs1-tnfxt 1/1     Running   0           68m
pvcpod    1/1     Running   0           4s
[ec2-user@ip-172-31-12-246 ~]$ kubectl exec -it pod/pvcpod -- bash
[root@pvcpod /]# cd var/www/data/
[root@pvcpod data]# ls
[root@pvcpod data]# echo first time > a.txt
[root@pvcpod data]# ls
a.txt
[root@pvcpod data]#
```

i-03d5a71bf0df22cbe (kubernetes)

PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly sunny 18:14 16-12-2022

Mail - Eshwar Lakkakula - Outlo... x Connect to instance | EC2 Mana... x EC2 Instance Connect x +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
pvcpod 1/1 Running 0 4s
[ec2-user@ip-172-31-12-246 ~]$ kubectl exec -it pod/pvcpod -- bash
[root@pvcpod /]# cd var/www/data/
[root@pvcpod data]# ls
[root@pvcpod data]# echo first time > a.txt
[root@pvcpod data]# ls
a.txt
[root@pvcpod data]# exit
exit
[ec2-user@ip-172-31-12-246 ~]$ kubectl get pods/pvcpod
NAME      READY   STATUS    RESTARTS   AGE
pvcpod    1/1     Running   0           59s
[ec2-user@ip-172-31-12-246 ~]$ kubectl get po
NAME      READY   STATUS    RESTARTS   AGE
mypod3    1/1     Running   0           107m
myrs1-j5cj4 1/1     Running   0           71m
myrs1-tnfxt 1/1     Running   0           69m
pvcpod    1/1     Running   0           70s
[ec2-user@ip-172-31-12-246 ~]$ kubectl delete pods/pvcpod
pod "pvcpod" deleted
[ec2-user@ip-172-31-12-246 ~]$
```

i-03d5a71bf0df22cbe (kubernetes)

PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly sunny 18:15 16-12-2022

Mail - Eshwar Lakkakula - Outlo... x Connect to instance | EC2 Mana... x EC2 Instance Connect x +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
[ec2-user@ip-172-31-12-246 ~]$ kubectl create -f pvc_pod.yml
pod/pvcpod created
[ec2-user@ip-172-31-12-246 ~]$ kubectl get po
NAME          READY   STATUS    RESTARTS   AGE
mypod3        1/1     Running   0           108m
myrs1-j5cj4    1/1     Running   0           72m
myrs1-tnfxt    1/1     Running   0           70m
pvcpod        1/1     Running   0           6s
[ec2-user@ip-172-31-12-246 ~]$ kubectl exec -it pod/pvcpod -- bash
[root@pvcpod /]# cd /var/www/data/
[root@pvcpod data]# ls
a.txt
[root@pvcpod data]# cat a.txt
first time
[root@pvcpod data]#
```

i-03d5a71bf0df22cbe (kubernetes)
PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly sunny ENG 18:16 16-12-2022

Mail - Eshwar Lakkakula - Outlo... x Connect to instance | EC2 Mana... x EC2 Instance Connect x +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
[ec2-user@ip-172-31-12-246 ~]$ kubectl get storageclass
No resources found
[ec2-user@ip-172-31-12-246 ~]$
```

i-03d5a71bf0df22cbe (kubernetes)
PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly sunny ENG 18:25 16-12-2022

The image is a screenshot of a web browser displaying the AWS Management Console. The browser's address bar shows the URL: `https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&iinstanceId=i-03d5a71bf0df22cbe...`. The console interface is dark-themed. At the top, there's a navigation bar with the AWS logo, 'Services' link, a search bar, and user information 'Mumbai' and 'The Eshwar Kanna'. The main content area shows a YAML configuration for a PersistentVolumeClaim. The configuration is as follows:

```
apiVersion: v1
kind: PersistentVolumeClaim
metadata: {}
spec:
  name: myscpvc
  accessModes:
    - ReadWriteOnce
  resources:
    requests:
      storage: 1G
```

Below the editor, there's a status bar for the cluster `i-03d5a71bf0df22cbe (kubernetes)`, showing `PublicIPs: 13.126.189.175` and `PrivateIPs: 172.31.12.246`. The bottom of the screen shows the Windows taskbar with the search bar, task view button, and several application icons. The system tray shows the date and time as 18:39 on 16-12-2022, and the weather as 27°C Partly cloudy. The AWS status bar at the very bottom includes links for Feedback, Language selection, Unified Settings, Copyright notice (© 2022, Amazon Web Services India Private Limited or its affiliates), Privacy, Terms, and Cookie preferences.

Mail - Eshwar Lakkakula - Outlo... x Connect to instance | EC2 Mana... x EC2 Instance Connect x +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
[ec2-user@ip-172-31-12-246 ~]$ kubectl get storageclass
NAME      PROVISIONER      RECLAIMPOLICY   VOLUMEBINDINGMODE   ALLOWVOLUMEEXPANSION   AGE
standard (default)  k8s.io/minikube-hostpath   Delete           Immediate           false                  7m52s
[ec2-user@ip-172-31-12-246 ~]$ kubectl create -f sc_pvc.yml
Error from server (BadRequest): error when creating "sc_pvc.yml": PersistentVolumeClaim in version "v1" cannot be handled as a PersistentVolumeClaim: json: cannot unmarshal string into Go struct field PersistentVolumeClaimSpec.spec.accessModes of type []v1.PersistentVolumeAccessMode
[ec2-user@ip-172-31-12-246 ~]$ sudo vim sc_pvc.yml
[ec2-user@ip-172-31-12-246 ~]$ kubectl create -f sc_pvc.yml
The PersistentVolumeClaim "myscpvc" is invalid: spec.accessModes: Unsupported value: "ReadWriteOnce": supported values: "ReadOnlyMany", "ReadWriteMany", "ReadWriteOnce"
[ec2-user@ip-172-31-12-246 ~]$ sudo vim sc_pvc.yml
[ec2-user@ip-172-31-12-246 ~]$ kubectl create -f sc_pvc.yml
persistentvolumeclaim/myscpvc created
[ec2-user@ip-172-31-12-246 ~]$ sudo vim sc_pvc.yml
[ec2-user@ip-172-31-12-246 ~]$
```

i-03d5a71bf0df22cbe (kubernetes)

PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly cloudy 18:39 16-12-2022

Mail - Eshwar Lakkakula - Outlo... x Connect to instance | EC2 Mana... x EC2 Instance Connect x +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
[ec2-user@ip-172-31-12-246 ~]$ kubectl get storageclass
NAME      PROVISIONER      RECLAIMPOLICY   VOLUMEBINDINGMODE   ALLOWVOLUMEEXPANSION   AGE
standard (default)  k8s.io/minikube-hostpath   Delete           Immediate           false                  7m52s
[ec2-user@ip-172-31-12-246 ~]$ kubectl create -f sc_pvc.yml
Error from server (BadRequest): error when creating "sc_pvc.yml": PersistentVolumeClaim in version "v1" cannot be handled as a PersistentVolumeClaim: json: cannot unmarshal string into Go struct field PersistentVolumeClaimSpec.spec.accessModes of type []v1.PersistentVolumeAccessMode
[ec2-user@ip-172-31-12-246 ~]$ sudo vim sc_pvc.yml
[ec2-user@ip-172-31-12-246 ~]$ kubectl create -f sc_pvc.yml
The PersistentVolumeClaim "myscpvc" is invalid: spec.accessModes: Unsupported value: "ReadWriteOnce": supported values: "ReadOnlyMany", "ReadWriteMany", "ReadWriteOnce"
[ec2-user@ip-172-31-12-246 ~]$ sudo vim sc_pvc.yml
[ec2-user@ip-172-31-12-246 ~]$ kubectl create -f sc_pvc.yml
persistentvolumeclaim/myscpvc created
[ec2-user@ip-172-31-12-246 ~]$ sudo vim sc_pvc.yml
[ec2-user@ip-172-31-12-246 ~]$ kubectl get pvc
NAME      STATUS   VOLUME                                     CAPACITY   ACCESS MODES   STORAGECLASS   AGE
myscpvc   Bound    pvc-e7568beb-bef4-43c6-bcae-8c5f07872192   1G         RWO            standard       47s
[ec2-user@ip-172-31-12-246 ~]$
```

i-03d5a71bf0df22cbe (kubernetes)

PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly cloudy 18:40 16-12-2022

Mail - Eshwar Lakkakula - Outlo... x Connect to instance | EC2 Mana... x EC2 Instance Connect x +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
[ec2-user@ip-172-31-12-246 ~]$ sudo vim sc_pvc.yml
[ec2-user@ip-172-31-12-246 ~]$ kubectl create -f sc_pvc.yml
persistentvolumeclaim/myscpvc created
[ec2-user@ip-172-31-12-246 ~]$ sudo vim sc_pvc.yml
[ec2-user@ip-172-31-12-246 ~]$ kubectl get pvc
```

NAME	STATUS	VOLUME	CAPACITY	ACCESS MODES	STORAGECLASS	AGE
myscpvc	Bound	myscpvc	1G	RWO	standard	43m
myscpvc	Bound	pvc-f7565beb-bef4-43c6-bcae-8c5f07872192	1G	RWO	standard	47s

```
[ec2-user@ip-172-31-12-246 ~]$ kubectl get pv
```

NAME	CAPACITY	ACCESS MODES	RECLAIM POLICY	STATUS	CLAIM	STORAGECLASS	REASON	AGE
myscpvc	1G	RWO	Retain	Bound	default/myscpvc			4m
pvc-c8407983-750e-4afc-aac6-06f4ae59f332	1G	RWO	Delete	Released	default/myscpvc	standard		2m
pvc-f7565beb-bef4-43c6-bcae-8c5f07872192	1G	RWO	Delete	Bound	default/myscpvc	standard		8s

```
[ec2-user@ip-172-31-12-246 ~]$
[ec2-user@ip-172-31-12-246 ~]$
[ec2-user@ip-172-31-12-246 ~]$
[ec2-user@ip-172-31-12-246 ~]$ its auto created by sc
```

i-03d5a71bf0df22cbe (kubernetes)

PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly cloudy ENG 18:40 16-12-2022

Mail - Eshwar Lakkakula - Outlo... x Connect to instance | EC2 Mana... x EC2 Instance Connect x +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
[ec2-user@ip-172-31-12-246 ~]$ kubectl get sc
```

NAME	PROVISIONER	RECLAIMPOLICY	VOLUMEBINDINGMODE	ALLOWVOLUMEEXPANSION	AGE
standard (default)	k8s.io/minikube-hostpath	Delete	Immediate	false	12m

```
[ec2-user@ip-172-31-12-246 ~]$
```

i-03d5a71bf0df22cbe (kubernetes)

PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly cloudy ENG 18:42 16-12-2022

Mail - Eshwar Lakkakula - Outlo... x Connect to instance | EC2 Mana... x EC2 Instance Connect x +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
[ec2-user@ip-172-31-12-246 ~]$ kubectl get sc
NAME                PROVISIONER      RECLAIMPOLICY   VOLUMEBINDINGMODE   ALLOWVOLUMEEXPANSION   AGE
standard (default)  k8s.io/minikube-hostpath Delete           Immediate            false                  12m
[ec2-user@ip-172-31-12-246 ~]$ kubectl describe sc/standard
Name:                standard
IsDefaultClass:      Yes
Annotations:          kubectl.kubernetes.io/last-applied-configuration={"apiVersion":"storage.k8s.io/v1", "kind":"StorageClass", "metadata":{"annotations":{"storageclass.kubernetes.io/is-default-class":"true"},"creationTimestamp":"2022-12-13T13:28:28Z", "labels":{"addonmanager.kubernetes.io/mode":"EnsureExists"},"name":"standard", "resourceVersion":"252", "uid":"ffb41aa3-611e-437f-bab8-339e7f9149bc"},"provisioner":"k8s.io/minikube-hostpath", "reclaimPolicy":"Delete", "volumeBindingMode":"Immediate"}, storageclass.kubernetes.io/is-default-class=true
Provisioner:          k8s.io/minikube-hostpath
Parameters:            <none>
AllowVolumeExpansion:  <unset>
MountOptions:          <none>
ReclaimPolicy:          Delete
VolumeBindingMode:      Immediate
Events:                 <none>
[ec2-user@ip-172-31-12-246 ~]$
```

i-03d5a71bf0df22cbe (kubernetes)

PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly cloudy 18:50 16-12-2022

Mail - Eshwar Lakkakula - Outlo... x Connect to instance | EC2 Mana... x EC2 Instance Connect x +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```
[ec2-user@ip-172-31-12-246 ~]$ kubectl get sc
No resources found
[ec2-user@ip-172-31-12-246 ~]$
```

i-03d5a71bf0df22cbe (kubernetes)

PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly cloudy 18:55 16-12-2022

Mail - Eshwar Lakkakula x Connect to instance | EC2 x EC2 Instance Connect x storageclassname kubernet x Storage Classes | Kubernet x +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

```
apiVersion: v1
kind: PersistentVolumeClaim
metadata:
  name: myscpvc
spec:
  storageClassName: "standard"
  accessModes:
    - ReadWriteOnce
  resources:
    requests:
      storage: 1G
```

"sc_pvc.yml" 121, 105B 6, 3 All

i-03d5a71bf0df22cbe (kubernetes)
PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly cloudy 18:58 16-12-2022

Mail - Eshwar Lakkakula x Connect to instance | EC2 x EC2 Instance Connect x storageclassname kubernet x Storage Classes | Kubernet x +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-03d5a71bf0df2...

```
[ec2-user@ip-172-31-12-246 ~]$ kubectl create -f sc_pvc.yml
persistentvolumeclaim/myscpvc created
[ec2-user@ip-172-31-12-246 ~]$ sudo vim sc_pvc.yml
[ec2-user@ip-172-31-12-246 ~]$
```

i-03d5a71bf0df22cbe (kubernetes)
PublicIPs: 13.126.189.175 PrivateIPs: 172.31.12.246

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 27°C Partly cloudy 18:58 16-12-2022