

Authenticating with public key "Imported-Openssh-Key:  
C:\\Users\\kaliram.sahu\\Downloads\\ram-aws.pem"

```
      • MobaXterm Professional v21.0 •  
      (SSH client, X server and network tools)  
  
➤ SSH session to ubuntu@54.218.59.120  
  • Direct SSH      : ✓  
  • SSH compression : ✓  
  • SSH-browser     : ✓  
  • X11-forwarding  : ✓ (remote display is forwarded through SSH)  
  
➤ For more info, ctrl+click on help or visit our website.
```

Welcome to Ubuntu 18.04.5 LTS (GNU/Linux 5.6.0-rc2 x86\_64)

\* Documentation: <https://help.ubuntu.com>  
\* Management: <https://landscape.canonical.com>  
\* Support: <https://ubuntu.com/advantage>

System information as of Wed Oct 13 08:57:38 UTC 2021

System load:	5.75	Users logged in:	1
Usage of /:	15.1% of 96.88GB	IP address for eth0:	172.31.20.46
Memory usage:	4%	IP address for docker0:	172.17.0.1
Swap usage:	0%	IP address for cni0:	10.88.0.1
Processes:	211		

94 packages can be updated.  
66 of these updates are security updates.  
To see these additional updates run: apt list --upgradable

New release '20.04.3 LTS' available.  
Run 'do-release-upgrade' to upgrade to it.

```
Last login: Wed Oct 13 08:45:02 2021 from 114.143.207.106  
ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos$ date  
Wed Oct 13 08:57:47 UTC 2021  
ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos$ ./cluster/kubect1.sh create -f  
https://raw.githubusercontent.com/CentaurusInfra/mizar/dev-next/etc/deploy/deplo  
y.mizar.yaml  
customresourcedefinition.apiextensions.k8s.io/bouncers.mizar.com created  
customresourcedefinition.apiextensions.k8s.io/dividers.mizar.com created  
customresourcedefinition.apiextensions.k8s.io/droplets.mizar.com created  
customresourcedefinition.apiextensions.k8s.io/endpoints.mizar.com created  
customresourcedefinition.apiextensions.k8s.io/subnets.mizar.com created  
customresourcedefinition.apiextensions.k8s.io/vpcs.mizar.com created  
serviceaccount/mizar-operator created  
clusterrolebinding.rbac.authorization.k8s.io/mizar-operator created  
daemonset.apps/mizar-daemon created  
deployment.apps/mizar-operator created
```

ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos\$

ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos\$ ./cluster/kubect1.sh get pods

-Ao wide

NAMESPACE	NAME		HASHKEY	READY
STATUS	RESTARTS	AGE	IP	NOMINATED
NODE	READINESS	GATES		
default	mizar-daemon-j4qn9		215974360263463498	0/1
Init:0/1	0	30s	172.31.20.46	<none>
<none>				
default	mizar-operator-6b78d7ffc4-2hldr		4966616447064412607	0/1
ContainerCreating	0	30s	172.31.20.46	<none>
<none>				
kube-system	coredns-default-77bfdbd956-brxjl		3844287695994213265	1/1
Running	0	73s	10.88.0.3	<none>
<none>				
kube-system	kube-dns-554c5866fc-lrqqz		2617391296327810453	3/3
Running	0	73s	10.88.0.2	<none>
<none>				
kube-system	virtlet-kv4j9		3042748765067089210	0/3
Init:0/1	0	73s	172.31.20.46	<none>
<none>				

ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos\$ ./cluster/kubect1.sh get pods -A

-o wide

NAMESPACE	NAME		HASHKEY	READY
STATUS	RESTARTS	AGE	IP	NOMINATED
READINESS	GATES			NODE
default	mizar-daemon-j4qn9		215974360263463498	0/1
Init:0/1	1	4m43s	172.31.20.46	<none>
<none>				
default	mizar-operator-6b78d7ffc4-2hldr		4966616447064412607	1/1
Running	0	4m43s	172.31.20.46	<none>
<none>				
kube-system	coredns-default-77bfdbd956-brxjl		3844287695994213265	1/1
Running	0	5m26s	10.88.0.3	<none>
<none>				
kube-system	kube-dns-554c5866fc-lrqqz		2617391296327810453	3/3
Running	0	5m26s	10.88.0.2	<none>
<none>				
kube-system	virtlet-kv4j9		3042748765067089210	3/3
Running	0	5m26s	172.31.20.46	<none>
<none>				

ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos\$

ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos\$ ./cluster/kubect1.sh get pods -A

-o wide

NAMESPACE	NAME		HASHKEY	READY
STATUS	RESTARTS	AGE	IP	NOMINATED
READINESS	GATES			NODE
default	mizar-daemon-j4qn9		215974360263463498	0/1
Init:0/1	1	4m47s	172.31.20.46	<none>
<none>				
default	mizar-operator-6b78d7ffc4-2hldr		4966616447064412607	1/1
Running	0	4m47s	172.31.20.46	<none>
<none>				
kube-system	coredns-default-77bfdbd956-brxjl		3844287695994213265	1/1

```

Running      0          5m30s   10.88.0.3      ip-172-31-20-46  <none>
<none>
kube-system  kube-dns-554c5866fc-lrqqz      2617391296327810453  3/3
Running      0          5m30s   10.88.0.2      ip-172-31-20-46  <none>
<none>
kube-system  virtlet-kv4j9                    3042748765067089210  3/3
Running      0          5m30s   172.31.20.46   ip-172-31-20-46  <none>
<none>
ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos$ ./cluster/kubectl.sh get pods -A
-o wide
NAMESPACE    NAME                                HASHKEY                                READY
STATUS        RESTARTS   AGE      IP              NODE                                NOMINATED NODE
READINESS GATES
default       mizar-daemon-j4qn9                215974360263463498    1/1
Running      0          6m31s    172.31.20.46   ip-172-31-20-46  <none>
<none>
default       mizar-operator-6b78d7ffc4-2hldr    4966616447064412607    1/1
Running      0          6m31s    172.31.20.46   ip-172-31-20-46  <none>
<none>
kube-system   coredns-default-77bfdbd956-brxjl    3844287695994213265    1/1
Running      0          7m14s    10.88.0.3      ip-172-31-20-46  <none>
<none>
kube-system   kube-dns-554c5866fc-lrqqz          2617391296327810453    3/3
Running      0          7m14s    10.88.0.2      ip-172-31-20-46  <none>
<none>
kube-system   virtlet-kv4j9                      3042748765067089210    3/3
Running      0          7m14s    172.31.20.46   ip-172-31-20-46  <none>
<none>
ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos$ ./cluster/kubectl.sh get nodes
./cluster/kubectl.sh get vpc -Ao wide
./cluster/kubectl.sh get subnet -Ao wide
./cluster/kubectl.sh get dividers -Ao wide
./cluster/kubectl.sh get bouncers -Ao wide
./cluster/kubectl.sh get net -Ao wide
NAME              STATUS    ROLES    AGE   VERSION
ip-172-31-20-46   Ready    <none>    13m   v0.9.0
ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos$ ./cluster/kubectl.sh get pods
-Ao wide
NAMESPACE    NAME                                HASHKEY                                READY
STATUS        RESTARTS   AGE      IP              NODE                                NOMINATED NODE
READINESS GATES
default       mizar-daemon-j4qn9                215974360263463498    1/1
Running      0          12m      172.31.20.46   ip-172-31-20-46  <none>
<none>
default       mizar-operator-6b78d7ffc4-2hldr    4966616447064412607    1/1
Running      0          12m      172.31.20.46   ip-172-31-20-46  <none>
<none>
kube-system   coredns-default-77bfdbd956-brxjl    3844287695994213265    1/1
Running      0          13m      10.88.0.3      ip-172-31-20-46  <none>
<none>
kube-system   kube-dns-554c5866fc-lrqqz          2617391296327810453    3/3
Running      0          13m      10.88.0.2      ip-172-31-20-46  <none>
<none>
kube-system   virtlet-kv4j9                      3042748765067089210    3/3

```

```

Running    0          13m   172.31.20.46   ip-172-31-20-46   <none>
<none>
ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos$ ./cluster/kubectl.sh get vpc -Ao wide
NAMESPACE   NAME      IP           PREFIX  VNI    DIVIDERS  STATUS  CREATETIME
PROVISIONDELAY
default     vpc0      20.0.0.0     8       1      1         Init
2021-10-13T08:58:49.361483
ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos$ ./cluster/kubectl.sh get subnet -Ao wide
NAMESPACE   NAME      IP           PREFIX  VNI    VPC      STATUS  BOUNCERS
CREATETIME  PROVISIONDELAY
default     net0      20.0.0.0     8       1      vpc0     Init    1
2021-10-13T08:58:49.429067
ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos$ ./cluster/kubectl.sh get dividers -Ao wide
No resources found.
ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos$ ./cluster/kubectl.sh get bouncers -Ao wide
No resources found.
ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos$ ./cluster/kubectl.sh get net -Ao wide
NAME      TYPE    VPC    PHASE    DNS
default   flat    Ready  10.0.0.231
ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos$ ./cluster/kubectl.sh get nodes
./cluster/kubectl.sh get net -Ao wide
NAME      STATUS  ROLES    AGE    VERSION
ip-172-31-20-46  Ready   <none>   13m   v0.9.0
ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos$ ./cluster/kubectl.sh get pods -Ao wide
NAMESPACE   NAME      STATUS  ROLES    AGE    VERSION  HASHKEY  READY
STATUS      RESTARTS  AGE     IP        NODE      NOMINATED NODE
READINESS GATES
default     mizar-daemon-j4qn9  Running 0          12m   172.31.20.46   ip-172-31-20-46   <none>  1/1
<none>
default     mizar-operator-6b78d7ffc4-2hldr  Running 0          12m   172.31.20.46   ip-172-31-20-46   <none>  1/1
<none>
kube-system coredns-default-77bfdbd956-brxjl  Running 0          13m   10.88.0.3      ip-172-31-20-46   <none>  1/1
<none>
kube-system kube-dns-554c5866fc-lrqqz  Running 0          13m   10.88.0.2      ip-172-31-20-46   <none>  3/3
<none>
kube-system virtlet-kv4j9  Running 0          13m   172.31.20.46   ip-172-31-20-46   <none>  3/3
<none>
ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos$ ./cluster/kubectl.sh get vpc -Ao wide
NAMESPACE   NAME      IP           PREFIX  VNI    DIVIDERS  STATUS  CREATETIME
PROVISIONDELAY
default     vpc0      20.0.0.0     8       1      1         Init
2021-10-13T08:58:49.361483

```

```

ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos$ ./cluster/kubectl.sh get subnet
-Ao wide

```

NAMESPACE	NAME	IP	PREFIX	VNI	VPC	STATUS	BOUNCERS
default	net0	20.0.0.0	8	1	vpc0	Init	1

```

2021-10-13T08:58:49.429067
ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos$ ./cluster/kubectl.sh get dividers
-Ao wide
No resources found.
ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos$ ./cluster/kubectl.sh get
bouncers -Ao wide
No resources found.
ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos$ ./cluster/kubectl.sh get net -Ao
wide

```

NAME	TYPE	VPC	PHASE	DNS
default	flat		Ready	10.0.0.231

```

ubuntu@ip-172-31-20-46:~/go/src/k8s.io/arktos$

```