```
Authenticating with public key "Imported-Openssh-Key:
C:\\Users\\pramod.meshram\\Downloads\\pramod-latest.pem"

┌─────────────────────────────────────────────────────────────┐
│                                                             │
│                      • MobaXterm 20.6 •                     │
│              (SSH client, X-server and networking tools)    │
│                                                             │
│      → SSH session to ubuntu@54.212.207.88                  │
│        • SSH compression : v                                │
│        • SSH-browser      : v                               │
│        • X11-forwarding   : v  (remote display is forwarded through SSH)  │
│        • DISPLAY          : v  (automatically set on remote server)       │
│                                                             │
│      → For more info, ctrl+click on help or visit our website │
│                                                             │
└─────────────────────────────────────────────────────────────┘

Welcome to Ubuntu 18.04.5 LTS (GNU/Linux 5.4.0-1045-aws x86_64)

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

  System information as of Sat Oct 23 14:01:30 UTC 2021

  System load:  0.13               Processes:           186
  Usage of /:   0.9% of 124.02GB   Users logged in:     0
  Memory usage: 0%                 IP address for eth0: 172.31.27.46
  Swap usage:   0%

0 packages can be updated.
0 of these updates are security updates.




The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

/usr/bin/xauth:  file /home/ubuntu/.Xauthority does not exist
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-27-46:~$ pwd
/home/ubuntu
ubuntu@ip-172-31-27-46:~$
ubuntu@ip-172-31-27-46:~$ ll
total 36
drwxr-xr-x 5 ubuntu ubuntu 4096 Oct 23 14:01 ./
drwxr-xr-x 3 root   root   4096 Oct 23 14:00 ../
-rw------- 1 ubuntu ubuntu   61 Oct 23 14:01 .Xauthority
-rw-r--r-- 1 ubuntu ubuntu  220 Apr  4  2018 .bash_logout
-rw-r--r-- 1 ubuntu ubuntu 3771 Apr  4  2018 .bashrc
drwx------ 2 ubuntu ubuntu 4096 Oct 23 14:01 .cache/
```

```
drwx------ 3 ubuntu ubuntu 4096 Oct 23 14:01 .gnupg/
-rw-r--r-- 1 ubuntu ubuntu  807 Apr  4  2018 .profile
drwx------ 2 ubuntu ubuntu 4096 Oct 23 14:00 .ssh/
ubuntu@ip-172-31-27-46:~$
ubuntu@ip-172-31-27-46:~$ uname -a
Linux ip-172-31-27-46 5.4.0-1045-aws #47~18.04.1-Ubuntu SMP Tue Apr 13 15:58:14 UTC 2021
x86_64 x86_64 x86_64 GNU/Linux
ubuntu@ip-172-31-27-46:~$ wget
https://raw.githubusercontent.com/CentaurusInfra/mizar/dev-next/kernelupdate.sh
--2021-10-23 14:40:14--
https://raw.githubusercontent.com/CentaurusInfra/mizar/dev-next/kernelupdate.sh
Resolving raw.githubusercontent.com (raw.githubusercontent.com)... 185.199.111.133,
185.199.108.133, 185.199.109.133, ...
Connecting to raw.githubusercontent.com
(raw.githubusercontent.com)|185.199.111.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 791 [text/plain]
Saving to: 'kernelupdate.sh'

kernelupdate.sh
100%[===========================================================>]     791  --.-KB/s
in 0s

2021-10-23 14:40:14 (43.0 MB/s) - 'kernelupdate.sh' saved [791/791]

ubuntu@ip-172-31-27-46:~$ sudo bash kernelupdate.sh
--2021-10-23 14:41:02--
https://mizar.s3.amazonaws.com/linux-5.6-rc2/linux-headers-5.6.0-rc2_5.6.0-rc2-1_amd6
4.deb
Resolving mizar.s3.amazonaws.com (mizar.s3.amazonaws.com)... 52.217.203.169
Connecting to mizar.s3.amazonaws.com (mizar.s3.amazonaws.com)|52.217.203.169|:443...
connected.
HTTP request sent, awaiting response... 200 OK
Length: 7621020 (7.3M) []
Saving to: '../linux-5.6-rc2/linux-headers-5.6.0-rc2_5.6.0-rc2-1_amd64.deb'

linux-headers-5.6.0-rc2_5.6.0-rc2
100%[===========================================================>]   7.27M  6.10MB/s
in 1.2s

2021-10-23 14:41:04 (6.10 MB/s) -
'../linux-5.6-rc2/linux-headers-5.6.0-rc2_5.6.0-rc2-1_amd64.deb' saved
[7621020/7621020]

--2021-10-23 14:41:04--
https://mizar.s3.amazonaws.com/linux-5.6-rc2/linux-image-5.6.0-rc2-dbg_5.6.0-rc2-1_am
d64.deb
Resolving mizar.s3.amazonaws.com (mizar.s3.amazonaws.com)... 52.217.203.169
Connecting to mizar.s3.amazonaws.com (mizar.s3.amazonaws.com)|52.217.203.169|:443...
connected.
HTTP request sent, awaiting response... 200 OK
Length: 857827912 (818M) [application/x-www-form-urlencoded]
Saving to: '../linux-5.6-rc2/linux-image-5.6.0-rc2-dbg_5.6.0-rc2-1_amd64.deb'

linux-image-5.6.0-rc2-dbg_5.6.0-r
```

```
100%[=====================================================>] 818.09M  13.6MB/s
in 98s

2021-10-23 14:42:42 (8.34 MB/s) -
'../linux-5.6-rc2/linux-image-5.6.0-rc2-dbg_5.6.0-rc2-1_amd64.deb' saved
[857827912/857827912]

--2021-10-23 14:42:42--
https://mizar.s3.amazonaws.com/linux-5.6-rc2/linux-image-5.6.0-rc2_5.6.0-rc2-1_amd64.
deb
Resolving mizar.s3.amazonaws.com (mizar.s3.amazonaws.com)... 52.217.44.20
Connecting to mizar.s3.amazonaws.com (mizar.s3.amazonaws.com)|52.217.44.20|:443...
connected.
HTTP request sent, awaiting response... 200 OK
Length: 56427036 (54M) [application/x-www-form-urlencoded]
Saving to: '../linux-5.6-rc2/linux-image-5.6.0-rc2_5.6.0-rc2-1_amd64.deb'

linux-image-5.6.0-rc2_5.6.0-rc2-1
100%[=====================================================>]  53.81M  11.5MB/s
in 5.4s

2021-10-23 14:42:48 (9.93 MB/s) -
'../linux-5.6-rc2/linux-image-5.6.0-rc2_5.6.0-rc2-1_amd64.deb' saved
[56427036/56427036]

--2021-10-23 14:42:48--
https://mizar.s3.amazonaws.com/linux-5.6-rc2/linux-libc-dev_5.6.0-rc2-1_amd64.deb
Resolving mizar.s3.amazonaws.com (mizar.s3.amazonaws.com)... 52.217.197.81
Connecting to mizar.s3.amazonaws.com (mizar.s3.amazonaws.com)|52.217.197.81|:443...
connected.
HTTP request sent, awaiting response... 200 OK
Length: 1082248 (1.0M) []
Saving to: '../linux-5.6-rc2/linux-libc-dev_5.6.0-rc2-1_amd64.deb'

linux-libc-dev_5.6.0-rc2-1_amd64.
100%[=====================================================>]   1.03M  1.86MB/s
in 0.6s

2021-10-23 14:42:49 (1.86 MB/s) -
'../linux-5.6-rc2/linux-libc-dev_5.6.0-rc2-1_amd64.deb' saved [1082248/1082248]

Continue kernel update (y/n)?y
Updating kernel
Selecting previously unselected package linux-headers-5.6.0-rc2.
(Reading database ... 57240 files and directories currently installed.)
Preparing to unpack .../linux-headers-5.6.0-rc2_5.6.0-rc2-1_amd64.deb ...
Unpacking linux-headers-5.6.0-rc2 (5.6.0-rc2-1) ...
Selecting previously unselected package linux-image-5.6.0-rc2-dbg.
Preparing to unpack .../linux-image-5.6.0-rc2-dbg_5.6.0-rc2-1_amd64.deb ...
Unpacking linux-image-5.6.0-rc2-dbg (5.6.0-rc2-1) ...
Selecting previously unselected package linux-image-5.6.0-rc2.
Preparing to unpack .../linux-image-5.6.0-rc2_5.6.0-rc2-1_amd64.deb ...
Unpacking linux-image-5.6.0-rc2 (5.6.0-rc2-1) ...
Selecting previously unselected package linux-libc-dev:amd64.
Preparing to unpack .../linux-libc-dev_5.6.0-rc2-1_amd64.deb ...
```

```
Unpacking linux-libc-dev:amd64 (5.6.0-rc2-1) ...
Setting up linux-headers-5.6.0-rc2 (5.6.0-rc2-1) ...
Setting up linux-image-5.6.0-rc2-dbg (5.6.0-rc2-1) ...
Setting up linux-image-5.6.0-rc2 (5.6.0-rc2-1) ...
update-initramfs: Generating /boot/initrd.img-5.6.0-rc2
Sourcing file `/etc/default/grub'
Sourcing file `/etc/default/grub.d/50-cloudimg-settings.cfg'
Generating grub configuration file ...
Found linux image: /boot/vmlinuz-5.6.0-rc2
Found initrd image: /boot/initrd.img-5.6.0-rc2
Found linux image: /boot/vmlinuz-5.4.0-1045-aws
Found initrd image: /boot/initrd.img-5.4.0-1045-aws
done
Setting up linux-libc-dev:amd64 (5.6.0-rc2-1) ...
Reboot host (y/n)?y
Rebooting

Remote side unexpectedly closed network connection

_____
_____

Session stopped
    - Press <return> to exit tab
    - Press R to restart session
    - Press S to save terminal output to file
Authenticating with public key "Imported-Openssh-Key:
C:\\Users\\pramod.meshram\\Downloads\\pramod-latest.pem"

┌────────────────────────────────────────────────────────────────────────┐
│                         • MobaXterm 20.6 •                               │
│                (SSH client, X-server and networking tools)               │
│                                                                          │
│    → SSH session to ubuntu@54.212.207.88                                 │
│       • SSH compression : v                                              │
│       • SSH-browser      : v                                             │
│       • X11-forwarding   : v  (remote display is forwarded through SSH)  │
│       • DISPLAY          : v  (automatically set on remote server)       │
│                                                                          │
│    → 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 Sat Oct 23 14:48:56 UTC 2021

  System load:  0.96               Processes:             167
  Usage of /:   6.5% of 124.02GB   Users logged in:       0
  Memory usage: 0%                 IP address for eth0: 172.31.27.46
  Swap usage:   0%
```

```
0 packages can be updated.
0 of these updates are security updates.

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


Last login: Sat Oct 23 14:01:32 2021 from 114.143.207.106
ubuntu@ip-172-31-27-46:~$
ubuntu@ip-172-31-27-46:~$ uname -a
Linux ip-172-31-27-46 5.6.0-rc2 #1 SMP Tue Feb 25 18:54:05 UTC 2020 x86_64 x86_64 x86_64
GNU/Linux
ubuntu@ip-172-31-27-46:~$ ll
total 48
drwxr-xr-x 5 ubuntu ubuntu 4096 Oct 23 14:48 ./
drwxr-xr-x 4 root   root   4096 Oct 23 14:41 ../
-rw------- 1 ubuntu ubuntu   61 Oct 23 14:48 .Xauthority
-rw------- 1 ubuntu ubuntu  127 Oct 23 14:47 .bash_history
-rw-r--r-- 1 ubuntu ubuntu  220 Apr  4  2018 .bash_logout
-rw-r--r-- 1 ubuntu ubuntu 3771 Apr  4  2018 .bashrc
drwx------ 2 ubuntu ubuntu 4096 Oct 23 14:01 .cache/
drwx------ 3 ubuntu ubuntu 4096 Oct 23 14:01 .gnupg/
-rw-r--r-- 1 ubuntu ubuntu  807 Apr  4  2018 .profile
drwx------ 2 ubuntu ubuntu 4096 Oct 23 14:00 .ssh/
-rw-r--r-- 1 ubuntu ubuntu    0 Oct 23 14:41 .sudo_as_admin_successful
-rw-rw-r-- 1 ubuntu ubuntu  180 Oct 23 14:40 .wget-hsts
-rw-rw-r-- 1 ubuntu ubuntu  791 Oct 23 14:40 kernelupdate.sh
ubuntu@ip-172-31-27-46:~$
ubuntu@ip-172-31-27-46:~$ ll
total 48
drwxr-xr-x 5 ubuntu ubuntu 4096 Oct 23 14:48 ./
drwxr-xr-x 4 root   root   4096 Oct 23 14:41 ../
-rw------- 1 ubuntu ubuntu   61 Oct 23 14:48 .Xauthority
-rw------- 1 ubuntu ubuntu  127 Oct 23 14:47 .bash_history
-rw-r--r-- 1 ubuntu ubuntu  220 Apr  4  2018 .bash_logout
-rw-r--r-- 1 ubuntu ubuntu 3771 Apr  4  2018 .bashrc
drwx------ 2 ubuntu ubuntu 4096 Oct 23 14:01 .cache/
drwx------ 3 ubuntu ubuntu 4096 Oct 23 14:01 .gnupg/
-rw-r--r-- 1 ubuntu ubuntu  807 Apr  4  2018 .profile
drwx------ 2 ubuntu ubuntu 4096 Oct 23 14:00 .ssh/
-rw-r--r-- 1 ubuntu ubuntu    0 Oct 23 14:41 .sudo_as_admin_successful
-rw-rw-r-- 1 ubuntu ubuntu  180 Oct 23 14:40 .wget-hsts
-rw-rw-r-- 1 ubuntu ubuntu  791 Oct 23 14:40 kernelupdate.sh
ubuntu@ip-172-31-27-46:~$ git clone
https://github.com/Click2Cloud-Centaurus/arktos.git
Cloning into 'arktos'...
remote: Enumerating objects: 61570, done.
remote: Counting objects: 100% (974/974), done.
remote: Compressing objects: 100% (564/564), done.
remote: Total 61570 (delta 557), reused 637 (delta 393), pack-reused 60596
Receiving objects: 100% (61570/61570), 221.58 MiB | 30.42 MiB/s, done.
Resolving deltas: 100% (37714/37714), done.
Checking out files: 100% (20761/20761), done.
ubuntu@ip-172-31-27-46:~$ ~/go/src/k8s.io/arktos
-bash: /home/ubuntu/go/src/k8s.io/arktos: No such file or directory
```

```
ubuntu@ip-172-31-27-46:~$ cd ~/go/src/k8s.io/arktos
-bash: cd: /home/ubuntu/go/src/k8s.io/arktos: No such file or directory
ubuntu@ip-172-31-27-46:~$ git checkout cni-mizar
fatal: not a git repository (or any of the parent directories): .git
ubuntu@ip-172-31-27-46:~$ sudo bash ./hack/setup-dev-node.sh
bash: ./hack/setup-dev-node.sh: No such file or directory
ubuntu@ip-172-31-27-46:~$
ubuntu@ip-172-31-27-46:~$ git clone
https://github.com/Click2Cloud-Centaurus/arktos.git ~/go/src/k8s.io/arktos
Cloning into '/home/ubuntu/go/src/k8s.io/arktos'...
remote: Enumerating objects: 61570, done.
remote: Counting objects: 100% (974/974), done.
remote: Compressing objects: 100% (569/569), done.
remote: Total 61570 (delta 554), reused 612 (delta 388), pack-reused 60596
Receiving objects: 100% (61570/61570), 221.49 MiB | 25.97 MiB/s, done.
Resolving deltas: 100% (37714/37714), done.
Checking out files: 100% (20761/20761), done.
ubuntu@ip-172-31-27-46:~$ cd ~/go/src/k8s.io/arktos
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ git checkout cni-mizar
error: pathspec 'cni-mizar' did not match any file(s) known to git.
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ sudo bash ./hack/setup-dev-node.sh
The script is to help install prerequisites of Arktos development environment
on a fresh Linux installation.
It's been tested on Ubuntu 16.04 LTS and 18.04 LTS.
Update apt.
Hit:1 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic InRelease
Get:2 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates InRelease [88.7 kB]
Get:3 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-backports InRelease [74.6
kB]
Get:4 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic/universe amd64 Packages
[8570 kB]
Get:5 http://security.ubuntu.com/ubuntu bionic-security InRelease [88.7 kB]
Get:6 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic/universe Translation-en
[4941 kB]
Get:7 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic/multiverse amd64 Packages
[151 kB]
Get:8 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic/multiverse Translation-en
[108 kB]
Get:9 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 Packages
[2277 kB]
Get:10 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main
Translation-en [442 kB]
Get:11 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/restricted amd64
Packages [513 kB]
Get:12 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/restricted
Translation-en [69.7 kB]
Get:13 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/universe amd64
Packages [1759 kB]
Get:14 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/universe
Translation-en [378 kB]
Get:15 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/multiverse amd64
Packages [27.3 kB]
Get:16 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/multiverse
Translation-en [6808 B]
Get:17 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-backports/main amd64
```

```
Packages [10.0 kB]
Get:18 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-backports/main
Translation-en [4764 B]
Get:19 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-backports/universe amd64
Packages [10.3 kB]
Get:20 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-backports/universe
Translation-en [4588 B]
Get:21 http://security.ubuntu.com/ubuntu bionic-security/main amd64 Packages [1930 kB]
Get:22 http://security.ubuntu.com/ubuntu bionic-security/main Translation-en [348 kB]
Get:23 http://security.ubuntu.com/ubuntu bionic-security/restricted amd64 Packages [487
kB]
Get:24 http://security.ubuntu.com/ubuntu bionic-security/restricted Translation-en
[65.7 kB]
Get:25 http://security.ubuntu.com/ubuntu bionic-security/universe amd64 Packages [1144
kB]
Get:26 http://security.ubuntu.com/ubuntu bionic-security/universe Translation-en [262
kB]
Get:27 http://security.ubuntu.com/ubuntu bionic-security/multiverse amd64 Packages
[20.9 kB]
Get:28 http://security.ubuntu.com/ubuntu bionic-security/multiverse Translation-en
[4732 B]
Fetched 23.8 MB in 6s (3875 kB/s)
Reading package lists... Done
Building dependency tree
Reading state information... Done
89 packages can be upgraded. Run 'apt list --upgradable' to see them.
Install docker.
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  bridge-utils containerd pigz runc ubuntu-fan
Suggested packages:
  ifupdown aufs-tools cgroupfs-mount | cgroup-lite debootstrap docker-doc rinse zfs-fuse
| zfsutils
The following NEW packages will be installed:
  bridge-utils containerd docker.io pigz runc ubuntu-fan
0 upgraded, 6 newly installed, 0 to remove and 89 not upgraded.
Need to get 74.0 MB of archives.
After this operation, 359 MB of additional disk space will be used.
Get:1 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic/universe amd64 pigz amd64
2.4-1 [57.4 kB]
Get:2 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 bridge-utils
amd64 1.5-15ubuntu1 [30.1 kB]
Get:3 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/universe amd64 runc
amd64 1.0.0~rc95-0ubuntu1~18.04.2 [4087 kB]
Get:4 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/universe amd64
containerd amd64 1.5.2-0ubuntu1~18.04.3 [32.8 MB]
Get:5 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/universe amd64
docker.io amd64 20.10.7-0ubuntu1~18.04.2 [36.9 MB]
Get:6 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 ubuntu-fan all
0.12.10 [34.7 kB]
Fetched 74.0 MB in 2s (48.2 MB/s)
Preconfiguring packages ...
Selecting previously unselected package pigz.
```

```
(Reading database ... 88826 files and directories currently installed.)
Preparing to unpack .../0-pigz_2.4-1_amd64.deb ...
Unpacking pigz (2.4-1) ...
Selecting previously unselected package bridge-utils.
Preparing to unpack .../1-bridge-utils_1.5-15ubuntu1_amd64.deb ...
Unpacking bridge-utils (1.5-15ubuntu1) ...
Selecting previously unselected package runc.
Preparing to unpack .../2-runc_1.0.0~rc95-0ubuntu1~18.04.2_amd64.deb ...
Unpacking runc (1.0.0~rc95-0ubuntu1~18.04.2) ...
Selecting previously unselected package containerd.
Preparing to unpack .../3-containerd_1.5.2-0ubuntu1~18.04.3_amd64.deb ...
Unpacking containerd (1.5.2-0ubuntu1~18.04.3) ...
Selecting previously unselected package docker.io.
Preparing to unpack .../4-docker.io_20.10.7-0ubuntu1~18.04.2_amd64.deb ...
Unpacking docker.io (20.10.7-0ubuntu1~18.04.2) ...
Selecting previously unselected package ubuntu-fan.
Preparing to unpack .../5-ubuntu-fan_0.12.10_all.deb ...
Unpacking ubuntu-fan (0.12.10) ...
Setting up runc (1.0.0~rc95-0ubuntu1~18.04.2) ...
Setting up containerd (1.5.2-0ubuntu1~18.04.3) ...
Created symlink /etc/systemd/system/multi-user.target.wants/containerd.service →
/lib/systemd/system/containerd.service.
Setting up bridge-utils (1.5-15ubuntu1) ...
Setting up ubuntu-fan (0.12.10) ...
Created symlink /etc/systemd/system/multi-user.target.wants/ubuntu-fan.service →
/lib/systemd/system/ubuntu-fan.service.
Setting up pigz (2.4-1) ...
Setting up docker.io (20.10.7-0ubuntu1~18.04.2) ...
Adding group `docker' (GID 115) ...
Done.
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service →
/lib/systemd/system/docker.service.
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket →
/lib/systemd/system/docker.socket.
Processing triggers for systemd (237-3ubuntu10.46) ...
Processing triggers for man-db (2.8.3-2ubuntu0.1) ...
Processing triggers for ureadahead (0.100.0-21) ...
Install make & gcc.
Reading package lists... Done
Building dependency tree
Reading state information... Done
Suggested packages:
  make-doc
The following NEW packages will be installed:
  make
0 upgraded, 1 newly installed, 0 to remove and 89 not upgraded.
Need to get 154 kB of archives.
After this operation, 381 kB of additional disk space will be used.
Get:1 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 make amd64
4.1-9.1ubuntu1 [154 kB]
Fetched 154 kB in 0s (12.8 MB/s)
Selecting previously unselected package make.
(Reading database ... 89149 files and directories currently installed.)
Preparing to unpack .../make_4.1-9.1ubuntu1_amd64.deb ...
Unpacking make (4.1-9.1ubuntu1) ...
```

```
Setting up make (4.1-9.1ubuntu1) ...
Processing triggers for man-db (2.8.3-2ubuntu0.1) ...
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  binutils binutils-common binutils-x86-64-linux-gnu cpp cpp-7 gcc-7 gcc-7-base libasan4
libatomic1 libbinutils libc-dev-bin
  libc6-dev libcc1-0 libcilkrts5 libgcc-7-dev libgomp1 libisl19 libitm1 liblsan0 libmpc3
libmpx2 libquadmath0 libtsan0 libubsan0
  manpages-dev
Suggested packages:
  binutils-doc cpp-doc gcc-7-locales gcc-multilib autoconf automake libtool flex bison
gdb gcc-doc gcc-7-multilib gcc-7-doc
  libgcc1-dbg libgomp1-dbg libitm1-dbg libatomic1-dbg libasan4-dbg liblsan0-dbg
libtsan0-dbg libubsan0-dbg libcilkrts5-dbg
  libmpx2-dbg libquadmath0-dbg glibc-doc
The following NEW packages will be installed:
  binutils binutils-common binutils-x86-64-linux-gnu cpp cpp-7 gcc gcc-7 gcc-7-base
libasan4 libatomic1 libbinutils libc-dev-bin
  libc6-dev libcc1-0 libcilkrts5 libgcc-7-dev libgomp1 libisl19 libitm1 liblsan0 libmpc3
libmpx2 libquadmath0 libtsan0 libubsan0
  manpages-dev
0 upgraded, 26 newly installed, 0 to remove and 89 not upgraded.
Need to get 29.6 MB of archives.
After this operation, 112 MB of additional disk space will be used.
Get:1 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64
binutils-common amd64 2.30-21ubuntu1~18.04.5 [197 kB]
Get:2 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64
libbinutils amd64 2.30-21ubuntu1~18.04.5 [489 kB]
Get:3 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64
binutils-x86-64-linux-gnu amd64 2.30-21ubuntu1~18.04.5 [1839 kB]
Get:4 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 binutils
amd64 2.30-21ubuntu1~18.04.5 [3388 B]
Get:5 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64
gcc-7-base amd64 7.5.0-3ubuntu1~18.04 [18.3 kB]
Get:6 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 libisl19 amd64
0.19-1 [551 kB]
Get:7 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 libmpc3 amd64
1.1.0-1 [40.8 kB]
Get:8 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 cpp-7
amd64 7.5.0-3ubuntu1~18.04 [8591 kB]
Get:9 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 cpp
amd64 4:7.4.0-1ubuntu2.3 [27.7 kB]
Get:10 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64
libcc1-0 amd64 8.4.0-1ubuntu1~18.04 [39.4 kB]
Get:11 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64
libgomp1 amd64 8.4.0-1ubuntu1~18.04 [76.5 kB]
Get:12 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 libitm1
amd64 8.4.0-1ubuntu1~18.04 [27.9 kB]
Get:13 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64
libatomic1 amd64 8.4.0-1ubuntu1~18.04 [9192 B]
Get:14 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64
libasan4 amd64 7.5.0-3ubuntu1~18.04 [358 kB]
Get:15 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64
```

```
liblsan0 amd64 8.4.0-1ubuntu1~18.04 [133 kB]
Get:16 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64
libtsan0 amd64 8.4.0-1ubuntu1~18.04 [288 kB]
Get:17 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64
libubsan0 amd64 7.5.0-3ubuntu1~18.04 [126 kB]
Get:18 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64
libcilkrts5 amd64 7.5.0-3ubuntu1~18.04 [42.5 kB]
Get:19 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 libmpx2
amd64 8.4.0-1ubuntu1~18.04 [11.6 kB]
Get:20 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64
libquadmath0 amd64 8.4.0-1ubuntu1~18.04 [134 kB]
Get:21 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64
libgcc-7-dev amd64 7.5.0-3ubuntu1~18.04 [2378 kB]
Get:22 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 gcc-7
amd64 7.5.0-3ubuntu1~18.04 [9381 kB]
Get:23 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 gcc
amd64 4:7.4.0-1ubuntu2.3 [5184 B]
Get:24 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64
libc-dev-bin amd64 2.27-3ubuntu1.4 [71.8 kB]
Get:25 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64
libc6-dev amd64 2.27-3ubuntu1.4 [2585 kB]
Get:26 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 manpages-dev
all 4.15-1 [2217 kB]
Fetched 29.6 MB in 1s (57.6 MB/s)
Selecting previously unselected package binutils-common:amd64.
(Reading database ... 89165 files and directories currently installed.)
Preparing to unpack .../00-binutils-common_2.30-21ubuntu1~18.04.5_amd64.deb ...
Unpacking binutils-common:amd64 (2.30-21ubuntu1~18.04.5) ...
Selecting previously unselected package libbinutils:amd64.
Preparing to unpack .../01-libbinutils_2.30-21ubuntu1~18.04.5_amd64.deb ...
Unpacking libbinutils:amd64 (2.30-21ubuntu1~18.04.5) ...
Selecting previously unselected package binutils-x86-64-linux-gnu.
Preparing to unpack .../02-binutils-x86-64-linux-gnu_2.30-21ubuntu1~18.04.5_amd64.deb
...
Unpacking binutils-x86-64-linux-gnu (2.30-21ubuntu1~18.04.5) ...
Selecting previously unselected package binutils.
Preparing to unpack .../03-binutils_2.30-21ubuntu1~18.04.5_amd64.deb ...
Unpacking binutils (2.30-21ubuntu1~18.04.5) ...
Selecting previously unselected package gcc-7-base:amd64.
Preparing to unpack .../04-gcc-7-base_7.5.0-3ubuntu1~18.04_amd64.deb ...
Unpacking gcc-7-base:amd64 (7.5.0-3ubuntu1~18.04) ...
Selecting previously unselected package libisl19:amd64.
Preparing to unpack .../05-libisl19_0.19-1_amd64.deb ...
Unpacking libisl19:amd64 (0.19-1) ...
Selecting previously unselected package libmpc3:amd64.
Preparing to unpack .../06-libmpc3_1.1.0-1_amd64.deb ...
Unpacking libmpc3:amd64 (1.1.0-1) ...
Selecting previously unselected package cpp-7.
Preparing to unpack .../07-cpp-7_7.5.0-3ubuntu1~18.04_amd64.deb ...
Unpacking cpp-7 (7.5.0-3ubuntu1~18.04) ...
Selecting previously unselected package cpp.
Preparing to unpack .../08-cpp_4%3a7.4.0-1ubuntu2.3_amd64.deb ...
Unpacking cpp (4:7.4.0-1ubuntu2.3) ...
Selecting previously unselected package libcc1-0:amd64.
Preparing to unpack .../09-libcc1-0_8.4.0-1ubuntu1~18.04_amd64.deb ...
```

```
Unpacking libcc1-0:amd64 (8.4.0-1ubuntu1~18.04) ...
Selecting previously unselected package libgomp1:amd64.
Preparing to unpack .../10-libgomp1_8.4.0-1ubuntu1~18.04_amd64.deb ...
Unpacking libgomp1:amd64 (8.4.0-1ubuntu1~18.04) ...
Selecting previously unselected package libitm1:amd64.
Preparing to unpack .../11-libitm1_8.4.0-1ubuntu1~18.04_amd64.deb ...
Unpacking libitm1:amd64 (8.4.0-1ubuntu1~18.04) ...
Selecting previously unselected package libatomic1:amd64.
Preparing to unpack .../12-libatomic1_8.4.0-1ubuntu1~18.04_amd64.deb ...
Unpacking libatomic1:amd64 (8.4.0-1ubuntu1~18.04) ...
Selecting previously unselected package libasan4:amd64.
Preparing to unpack .../13-libasan4_7.5.0-3ubuntu1~18.04_amd64.deb ...
Unpacking libasan4:amd64 (7.5.0-3ubuntu1~18.04) ...
Selecting previously unselected package liblsan0:amd64.
Preparing to unpack .../14-liblsan0_8.4.0-1ubuntu1~18.04_amd64.deb ...
Unpacking liblsan0:amd64 (8.4.0-1ubuntu1~18.04) ...
Selecting previously unselected package libtsan0:amd64.
Preparing to unpack .../15-libtsan0_8.4.0-1ubuntu1~18.04_amd64.deb ...
Unpacking libtsan0:amd64 (8.4.0-1ubuntu1~18.04) ...
Selecting previously unselected package libubsan0:amd64.
Preparing to unpack .../16-libubsan0_7.5.0-3ubuntu1~18.04_amd64.deb ...
Unpacking libubsan0:amd64 (7.5.0-3ubuntu1~18.04) ...
Selecting previously unselected package libcilkrts5:amd64.
Preparing to unpack .../17-libcilkrts5_7.5.0-3ubuntu1~18.04_amd64.deb ...
Unpacking libcilkrts5:amd64 (7.5.0-3ubuntu1~18.04) ...
Selecting previously unselected package libmpx2:amd64.
Preparing to unpack .../18-libmpx2_8.4.0-1ubuntu1~18.04_amd64.deb ...
Unpacking libmpx2:amd64 (8.4.0-1ubuntu1~18.04) ...
Selecting previously unselected package libquadmath0:amd64.
Preparing to unpack .../19-libquadmath0_8.4.0-1ubuntu1~18.04_amd64.deb ...
Unpacking libquadmath0:amd64 (8.4.0-1ubuntu1~18.04) ...
Selecting previously unselected package libgcc-7-dev:amd64.
Preparing to unpack .../20-libgcc-7-dev_7.5.0-3ubuntu1~18.04_amd64.deb ...
Unpacking libgcc-7-dev:amd64 (7.5.0-3ubuntu1~18.04) ...
Selecting previously unselected package gcc-7.
Preparing to unpack .../21-gcc-7_7.5.0-3ubuntu1~18.04_amd64.deb ...
Unpacking gcc-7 (7.5.0-3ubuntu1~18.04) ...
Selecting previously unselected package gcc.
Preparing to unpack .../22-gcc_4%3a7.4.0-1ubuntu2.3_amd64.deb ...
Unpacking gcc (4:7.4.0-1ubuntu2.3) ...
Selecting previously unselected package libc-dev-bin.
Preparing to unpack .../23-libc-dev-bin_2.27-3ubuntu1.4_amd64.deb ...
Unpacking libc-dev-bin (2.27-3ubuntu1.4) ...
Selecting previously unselected package libc6-dev:amd64.
Preparing to unpack .../24-libc6-dev_2.27-3ubuntu1.4_amd64.deb ...
Unpacking libc6-dev:amd64 (2.27-3ubuntu1.4) ...
Selecting previously unselected package manpages-dev.
Preparing to unpack .../25-manpages-dev_4.15-1_all.deb ...
Unpacking manpages-dev (4.15-1) ...
Setting up libquadmath0:amd64 (8.4.0-1ubuntu1~18.04) ...
Setting up libgomp1:amd64 (8.4.0-1ubuntu1~18.04) ...
Setting up libatomic1:amd64 (8.4.0-1ubuntu1~18.04) ...
Setting up libcc1-0:amd64 (8.4.0-1ubuntu1~18.04) ...
Setting up libtsan0:amd64 (8.4.0-1ubuntu1~18.04) ...
Setting up liblsan0:amd64 (8.4.0-1ubuntu1~18.04) ...
```

```
Setting up gcc-7-base:amd64 (7.5.0-3ubuntu1~18.04) ...
Setting up binutils-common:amd64 (2.30-21ubuntu1~18.04.5) ...
Setting up libmpx2:amd64 (8.4.0-1ubuntu1~18.04) ...
Setting up libmpc3:amd64 (1.1.0-1) ...
Setting up libc-dev-bin (2.27-3ubuntu1.4) ...
Setting up manpages-dev (4.15-1) ...
Setting up libc6-dev:amd64 (2.27-3ubuntu1.4) ...
Setting up libitm1:amd64 (8.4.0-1ubuntu1~18.04) ...
Setting up libisl19:amd64 (0.19-1) ...
Setting up libasan4:amd64 (7.5.0-3ubuntu1~18.04) ...
Setting up libbinutils:amd64 (2.30-21ubuntu1~18.04.5) ...
Setting up libcilkrts5:amd64 (7.5.0-3ubuntu1~18.04) ...
Setting up libubsan0:amd64 (7.5.0-3ubuntu1~18.04) ...
Setting up libgcc-7-dev:amd64 (7.5.0-3ubuntu1~18.04) ...
Setting up cpp-7 (7.5.0-3ubuntu1~18.04) ...
Setting up binutils-x86-64-linux-gnu (2.30-21ubuntu1~18.04.5) ...
Setting up cpp (4:7.4.0-1ubuntu2.3) ...
Setting up binutils (2.30-21ubuntu1~18.04.5) ...
Setting up gcc-7 (7.5.0-3ubuntu1~18.04) ...
Setting up gcc (4:7.4.0-1ubuntu2.3) ...
Processing triggers for man-db (2.8.3-2ubuntu0.1) ...
Processing triggers for libc-bin (2.27-3ubuntu1.4) ...
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  libjq1 libonig4
The following NEW packages will be installed:
  jq libjq1 libonig4
0 upgraded, 3 newly installed, 0 to remove and 89 not upgraded.
Need to get 276 kB of archives.
After this operation, 930 kB of additional disk space will be used.
Get:1 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic/universe amd64 libonig4
amd64 6.7.0-1 [119 kB]
Get:2 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic/universe amd64 libjq1 amd64
1.5+dfsg-2 [111 kB]
Get:3 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic/universe amd64 jq amd64
1.5+dfsg-2 [45.6 kB]
Fetched 276 kB in 0s (19.4 MB/s)
Selecting previously unselected package libonig4:amd64.
(Reading database ... 92426 files and directories currently installed.)
Preparing to unpack .../libonig4_6.7.0-1_amd64.deb ...
Unpacking libonig4:amd64 (6.7.0-1) ...
Selecting previously unselected package libjq1:amd64.
Preparing to unpack .../libjq1_1.5+dfsg-2_amd64.deb ...
Unpacking libjq1:amd64 (1.5+dfsg-2) ...
Selecting previously unselected package jq.
Preparing to unpack .../jq_1.5+dfsg-2_amd64.deb ...
Unpacking jq (1.5+dfsg-2) ...
Setting up libonig4:amd64 (6.7.0-1) ...
Setting up libjq1:amd64 (1.5+dfsg-2) ...
Setting up jq (1.5+dfsg-2) ...
Processing triggers for man-db (2.8.3-2ubuntu0.1) ...
Processing triggers for libc-bin (2.27-3ubuntu1.4) ...
Install golang.
```

```
--2021-10-23 15:15:04--  https://dl.google.com/go/go1.13.9.linux-amd64.tar.gz
Resolving dl.google.com (dl.google.com)... 142.251.33.78, 2607:f8b0:400a:80a::200e
Connecting to dl.google.com (dl.google.com)|142.251.33.78|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 120139686 (115M) [application/octet-stream]
Saving to: '/tmp/go1.13.9.linux-amd64.tar.gz'

go1.13.9.linux-amd64.tar.gz
100%[====================================================================>] 114.57M  21.9MB/s
in 6.4s

2021-10-23 15:15:10 (17.9 MB/s) - '/tmp/go1.13.9.linux-amd64.tar.gz' saved
[120139686/120139686]

Done.
Please run and add 'export PATH=$PATH:/usr/local/go/bin' into your shell profile.
You can proceed to run arktos-up.sh if you want to launch a single-node cluster.
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ ll
total 268
drwxrwxr-x 21 ubuntu ubuntu  4096 Oct 23 15:13 ./
drwxrwxr-x  3 ubuntu ubuntu  4096 Oct 23 15:13 ../
lrwxrwxrwx  1 ubuntu ubuntu    19 Oct 23 15:13 .bazelrc -> build/root/.bazelrc
-rw-rw-r--  1 ubuntu ubuntu   785 Oct 23 15:13 .generated_files
drwxrwxr-x  8 ubuntu ubuntu  4096 Oct 23 15:13 .git/
-rw-rw-r--  1 ubuntu ubuntu   381 Oct 23 15:13 .gitattributes
drwxrwxr-x  3 ubuntu ubuntu  4096 Oct 23 15:13 .github/
-rw-rw-r--  1 ubuntu ubuntu  2433 Oct 23 15:13 .gitignore
lrwxrwxrwx  1 ubuntu ubuntu    25 Oct 23 15:13 .kazelcfg.json ->
build/root/.kazelcfg.json
lrwxrwxrwx  1 ubuntu ubuntu    21 Oct 23 15:13 BUILD.bazel -> build/root/BUILD.root
drwxrwxr-x  2 ubuntu ubuntu  4096 Oct 23 15:13 CHANGELOG/
-rw-rw-r--  1 ubuntu ubuntu  7237 Oct 23 15:13 CONTRIBUTING.md
drwxrwxr-x  2 ubuntu ubuntu  4096 Oct 23 15:13 Godeps/
-rw-rw-r--  1 ubuntu ubuntu 11358 Oct 23 15:13 LICENSE
lrwxrwxrwx  1 ubuntu ubuntu    19 Oct 23 15:13 Makefile -> build/root/Makefile
lrwxrwxrwx  1 ubuntu ubuntu    35 Oct 23 15:13 Makefile.generated_files ->
build/root/Makefile.generated_files
-rw-rw-r--  1 ubuntu ubuntu   121 Oct 23 15:13 OWNERS
-rw-rw-r--  1 ubuntu ubuntu  4677 Oct 23 15:13 README.md
-rw-rw-r--  1 ubuntu ubuntu   773 Oct 23 15:13 SUPPORT.md
lrwxrwxrwx  1 ubuntu ubuntu    20 Oct 23 15:13 WORKSPACE -> build/root/WORKSPACE
drwxrwxr-x  4 ubuntu ubuntu  4096 Oct 23 15:13 api/
-rw-rw-r--  1 ubuntu ubuntu   496 Oct 23 15:13 aws_build_version
-rw-rw-r--  1 ubuntu ubuntu  1425 Oct 23 15:13 aws_kube_params.inc
drwxrwxr-x 13 ubuntu ubuntu  4096 Oct 23 15:13 build/
drwxrwxr-x 13 ubuntu ubuntu  4096 Oct 23 15:13 cluster/
drwxrwxr-x 26 ubuntu ubuntu  4096 Oct 23 15:13 cmd/
-rw-rw-r--  1 ubuntu ubuntu   270 Oct 23 15:13 code-of-conduct.md
drwxrwxr-x  6 ubuntu ubuntu  4096 Oct 23 15:13 docs/
-rw-rw-r--  1 ubuntu ubuntu 47290 Oct 23 15:13 go.mod
-rw-rw-r--  1 ubuntu ubuntu 66436 Oct 23 15:13 go.sum
drwxrwxr-x 14 ubuntu ubuntu  4096 Oct 23 15:13 hack/
drwxrwxr-x  2 ubuntu ubuntu  4096 Oct 23 15:13 logo/
-rw-rw-r--  1 ubuntu ubuntu  1856 Oct 23 15:13 mkdocs.yml
drwxrwxr-x  3 ubuntu ubuntu  4096 Oct 23 15:13 perf-tests/
```

```
drwxrwxr-x 35 ubuntu ubuntu  4096 Oct 23 15:13 pkg/
drwxrwxr-x  3 ubuntu ubuntu  4096 Oct 23 15:13 plugin/
-rw-rw-r--  1 ubuntu ubuntu   275 Oct 23 15:13 readthedocs.yaml
drwxrwxr-x  4 ubuntu ubuntu  4096 Oct 23 15:13 staging/
drwxrwxr-x 17 ubuntu ubuntu  4096 Oct 23 15:13 test/
drwxrwxr-x  7 ubuntu ubuntu  4096 Oct 23 15:13 third_party/
drwxrwxr-x  4 ubuntu ubuntu  4096 Oct 23 15:13 translations/
drwxrwxr-x 17 ubuntu ubuntu  4096 Oct 23 15:13 vendor/
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ echo export
PATH=$PATH:/usr/local/go/bin\ >> ~/.profile
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ echo cd \$HOME/go/src/k8s.io/arktos >>
~/.profile
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ source ~/.profile
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ CNIPLUGIN=mizar ./hack/arktos-up.sh
DBG: Flannel CNI plugin will be installed AFTER cluster is up
DBG: effective feature gates
AllAlpha=false,WorkloadInfoDefaulting=true,QPSDoubleGCController=true,QPSDoubleRSCont
roller=true,MandatoryArktosNetwork=true
DBG: effective disabling admission plugins
DBG: effective default network template file is
/home/ubuntu/go/src/k8s.io/arktos/hack/testdata/default-flat-network.tmpl
DBG: kubelet arg RESOLV_CONF is /run/systemd/resolve/resolv.conf
WARNING : The kubelet is configured to not fail even if swap is enabled; production
deployments should disable swap.
WARNING : This script MAY be run as root for docker socket / iptables functionality; if
failures occur, retry as root.
cni plugin is mizar; arktos onebox cannot use it out of box.
suggest to use bridge cni plugin.
if you really want to use this plugin, you need to config cni plugin by yourself.
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ CNIPLUGIN=mizar ./hack/arktos-up.sh
DBG: Flannel CNI plugin will be installed AFTER cluster is up
DBG: effective feature gates
AllAlpha=false,WorkloadInfoDefaulting=true,QPSDoubleGCController=true,QPSDoubleRSCont
roller=true,MandatoryArktosNetwork=true
DBG: effective disabling admission plugins
DBG: effective default network template file is
/home/ubuntu/go/src/k8s.io/arktos/hack/testdata/default-flat-network.tmpl
DBG: kubelet arg RESOLV_CONF is /run/systemd/resolve/resolv.conf
WARNING : The kubelet is configured to not fail even if swap is enabled; production
deployments should disable swap.
WARNING : This script MAY be run as root for docker socket / iptables functionality; if
failures occur, retry as root.
cni plugin is mizar; arktos onebox cannot use it out of box.
suggest to use bridge cni plugin.
if you really want to use this plugin, you need to config cni plugin by yourself.
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ sudo CNIPLUGIN=mizar
./hack/arktos-up.sh
DBG: Flannel CNI plugin will be installed AFTER cluster is up
DBG: effective feature gates
AllAlpha=false,WorkloadInfoDefaulting=true,QPSDoubleGCController=true,QPSDoubleRSCont
roller=true,MandatoryArktosNetwork=true
DBG: effective disabling admission plugins
```

DBG: effective default network template file is
/home/ubuntu/go/src/k8s.io/arktos/hack/testdata/default-flat-network.tmpl
DBG: kubelet arg RESOLV_CONF is /run/systemd/resolve/resolv.conf
WARNING : The kubelet is configured to not fail even if swap is enabled; production
deployments should disable swap.
cni plugin is mizar; arktos onebox cannot use it out of box.
suggest to use bridge cni plugin.
if you really want to use this plugin, you need to config cni plugin by yourself.
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ pwd
/home/ubuntu/go/src/k8s.io/arktos
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ sudo CNIPLUGIN=mizar
./hack/arktos-up.sh
DBG: Flannel CNI plugin will be installed AFTER cluster is up
DBG: effective feature gates
AllAlpha=false,WorkloadInfoDefaulting=true,QPSDoubleGCController=true,QPSDoubleRSCont
roller=true,MandatoryArktosNetwork=true
DBG: effective disabling admission plugins
DBG: effective default network template file is
/home/ubuntu/go/src/k8s.io/arktos/hack/testdata/default-flat-network.tmpl
DBG: kubelet arg RESOLV_CONF is /run/systemd/resolve/resolv.conf
WARNING : The kubelet is configured to not fail even if swap is enabled; production
deployments should disable swap.
cni plugin is mizar; arktos onebox cannot use it out of box.
suggest to use bridge cni plugin.
if you really want to use this plugin, you need to config cni plugin by yourself.
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ CNIPLUGIN=mizar ./hack/arktos-up.sh
DBG: Flannel CNI plugin will be installed AFTER cluster is up
DBG: effective feature gates
AllAlpha=false,WorkloadInfoDefaulting=true,QPSDoubleGCController=true,QPSDoubleRSCont
roller=true,MandatoryArktosNetwork=true
DBG: effective disabling admission plugins
DBG: effective default network template file is
/home/ubuntu/go/src/k8s.io/arktos/hack/testdata/default-flat-network.tmpl
DBG: kubelet arg RESOLV_CONF is /run/systemd/resolve/resolv.conf
WARNING : The kubelet is configured to not fail even if swap is enabled; production
deployments should disable swap.
WARNING : This script MAY be run as root for docker socket / iptables functionality; if
failures occur, retry as root.
cni plugin is mizar; arktos onebox cannot use it out of box.
suggest to use bridge cni plugin.
if you really want to use this plugin, you need to config cni plugin by yourself.
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ reboot
Failed to set wall message, ignoring: Interactive authentication required.
Failed to reboot system via logind: Interactive authentication required.
Failed to open /dev/initctl: Permission denied
Failed to talk to init daemon.
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ sudo reboot

Remote side unexpectedly closed network connection

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Session stopped

```
   - Press <return> to exit tab
   - Press R to restart session
   - Press S to save terminal output to file
Authenticating with public key "Imported-Openssh-Key:
C:\\Users\\pramod.meshram\\Downloads\\pramod-latest.pem"
```

```
┌──────────────────────────────────────────────────────────────────────┐
│                        • MobaXterm 20.6 •                              │
│                (SSH client, X-server and networking tools)             │
│                                                                        │
│      → SSH session to ubuntu@54.212.207.88                             │
│        • SSH compression : v                                           │
│        • SSH-browser      : v                                          │
│        • X11-forwarding  : v  (remote display is forwarded through SSH)│
│        • DISPLAY          : v  (automatically set on remote server)    │
│                                                                        │
│      → 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 Sat Oct 23 17:19:24 UTC 2021

  System load:  0.0                  Processes:             157
  Usage of /:   8.2% of 124.02GB     Users logged in:       0
  Memory usage: 1%                   IP address for eth0:    172.31.27.46
  Swap usage:   0%                   IP address for docker0: 172.17.0.1


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: Sat Oct 23 14:48:57 2021 from 114.143.207.106
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ ./cluster/kubectl.sh get pods
It looks as if you don't have a compiled kubectl binary

If you are running from a clone of the git repo, please run
'./build/run.sh make cross'. Note that this requires having
Docker installed.

If you are running from a binary release tarball, something is wrong.
Look at http://kubernetes.io/ for information on how to contact the
development team for help.
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ CNIPLUGIN=mizar ./hack/arktos-up.sh
```

DBG: Flannel CNI plugin will be installed AFTER cluster is up
DBG: effective feature gates
AllAlpha=false,WorkloadInfoDefaulting=true,QPSDoubleGCController=true,QPSDoubleRSCont
roller=true,MandatoryArktosNetwork=true
DBG: effective disabling admission plugins
DBG: effective default network template file is
/home/ubuntu/go/src/k8s.io/arktos/hack/testdata/default-flat-network.tmpl
DBG: kubelet arg RESOLV_CONF is /run/systemd/resolve/resolv.conf
WARNING : The kubelet is configured to not fail even if swap is enabled; production
deployments should disable swap.
WARNING : This script MAY be run as root for docker socket / iptables functionality; if
failures occur, retry as root.
cni plugin is mizar; arktos onebox cannot use it out of box.
suggest to use bridge cni plugin.
if you really want to use this plugin, you need to config cni plugin by yourself.
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ sudo reboot

Remote side unexpectedly closed network connection

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Session stopped
    - Press <return> to exit tab
    - Press R to restart session
    - Press S to save terminal output to file
Authenticating with public key "Imported-Openssh-Key:
C:\\Users\\pramod.meshram\\Downloads\\pramod-latest.pem"

```
                        • MobaXterm 20.6 •
             (SSH client, X-server and networking tools)

  → SSH session to ubuntu@54.212.207.88
    • SSH compression : v
    • SSH-browser     : v
    • X11-forwarding  : v  (remote display is forwarded through SSH)
    • DISPLAY         : v  (automatically set on remote server)

  → 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 Sat Oct 23 17:23:50 UTC 2021

  System load: 0.86   Processes: 173
  Usage of /:   8.2% of 124.02GB Users logged in: 0
  Memory usage: 0%   IP address for eth0:   172.31.27.46
  Swap usage: 0%   IP address for docker0: 172.17.0.1

```
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: Sat Oct 23 17:19:25 2021 from 114.143.207.106
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ CNIPLUGIN=mizar ./hack/arktos-up.sh
DBG: Flannel CNI plugin will be installed AFTER cluster is up
DBG: effective feature gates
AllAlpha=false,WorkloadInfoDefaulting=true,QPSDoubleGCController=true,QPSDoubleRSCont
roller=true,MandatoryArktosNetwork=true
DBG: effective disabling admission plugins
DBG: effective default network template file is
/home/ubuntu/go/src/k8s.io/arktos/hack/testdata/default-flat-network.tmpl
DBG: kubelet arg RESOLV_CONF is /run/systemd/resolve/resolv.conf
WARNING : The kubelet is configured to not fail even if swap is enabled; production
deployments should disable swap.
WARNING : This script MAY be run as root for docker socket / iptables functionality; if
failures occur, retry as root.
cni plugin is mizar; arktos onebox cannot use it out of box.
suggest to use bridge cni plugin.
if you really want to use this plugin, you need to config cni plugin by yourself.
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ reboot
Failed to set wall message, ignoring: Interactive authentication required.
Failed to reboot system via logind: Interactive authentication required.
Failed to open /dev/initctl: Permission denied
Failed to talk to init daemon.
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ sudo reboot

Remote side unexpectedly closed network connection

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Session stopped
     - Press <return> to exit tab
     - Press R to restart session
     - Press S to save terminal output to file

Network error: Connection timed out

_____
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Session stopped
     - Press <return> to exit tab
     - Press R to restart session
     - Press S to save terminal output to file
Authenticating with public key "Imported-Openssh-Key:
C:\\Users\\pramod.meshram\\Downloads\\pramod-latest.pem"
    ┌─────────────────────────────────────────────────────────────┐
```

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 Sat Oct 23 17:28:01 UTC 2021

  System load: 1.35   Processes: 174
  Usage of /:   8.2% of 124.02GB   Users logged in: 0
  Memory usage: 0%   IP address for eth0: 172.31.27.46
  Swap usage: 0%

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: Sat Oct 23 17:23:52 2021 from 114.143.207.106
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ CNIPLUGIN=mizar ./hack/arktos-up.sh
DBG: Flannel CNI plugin will be installed AFTER cluster is up
DBG: effective feature gates
AllAlpha=false,WorkloadInfoDefaulting=true,QPSDoubleGCController=true,QPSDoubleRSCont
roller=true,MandatoryArktosNetwork=true
DBG: effective disabling admission plugins
DBG: effective default network template file is
/home/ubuntu/go/src/k8s.io/arktos/hack/testdata/default-flat-network.tmpl
DBG: kubelet arg RESOLV_CONF is /run/systemd/resolve/resolv.conf
WARNING : The kubelet is configured to not fail even if swap is enabled; production
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WARNING : This script MAY be run as root for docker socket / iptables functionality; if
failures occur, retry as root.
cni plugin is mizar; arktos onebox cannot use it out of box.
suggest to use bridge cni plugin.
if you really want to use this plugin, you need to config cni plugin by yourself.
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$ CNIPLUGIN=mizar ./hack/arktos-up.sh
DBG: Flannel CNI plugin will be installed AFTER cluster is up
DBG: effective feature gates

```
AllAlpha=false,WorkloadInfoDefaulting=true,QPSDoubleGCController=true,QPSDoubleRSCont
roller=true,MandatoryArktosNetwork=true
DBG: effective disabling admission plugins
DBG: effective default network template file is
/home/ubuntu/go/src/k8s.io/arktos/hack/testdata/default-flat-network.tmpl
DBG: kubelet arg RESOLV_CONF is /run/systemd/resolve/resolv.conf
WARNING : The kubelet is configured to not fail even if swap is enabled; production
deployments should disable swap.
WARNING : This script MAY be run as root for docker socket / iptables functionality; if
failures occur, retry as root.
cni plugin is mizar; arktos onebox cannot use it out of box.
suggest to use bridge cni plugin.
if you really want to use this plugin, you need to config cni plugin by yourself.
ubuntu@ip-172-31-27-46:~/go/src/k8s.io/arktos$
```