



Certified Kubernetes Security Specialist (CKS) Exam

Pass Linux Foundation CKS Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.geekcert.com/cks.html

100% Passing Guarantee 100% Money Back Assurance

Following Questions and Answers are all new published by Linux Foundation Official Exam Center

Instant Download After Purchase

- 100% Money Back Guarantee
- 😳 365 Days Free Update
- 800,000+ Satisfied Customers





QUESTION 1

The kubeadm-created cluster\\'s Kubernetes API server was, for testing purposes, temporarily configured to allow unauthenticated and unauthorized access granting the anonymous user duster-admin access.

You must complete this task on the following cluster/nodes: Master Worker Cluster node node KSCH00 ksch00101 ksch00101 101 -master -worker1 You can switch the cluster/configuration context using the following command: [candidate@cli] \$ kubec tl config use-context KS CH00101

Task

Reconfigure the cluster\\'s Kubernetes API server to ensure that only authenticated and authorized REST requests are allowed.



Use authorization mode Node, RBAC and admission controller NodeRestriction.

Cleaning up, remove the ClusterRoleBinding for user system:anonymous.

All kubectl configuration contexts/files were also configured to use the unauthenticated and unauthorized access. You don't have to change that, but be aware that kubectl 's configuration will stop working, once you've completed securing the cluster.

You can use the cluster's original kubectl configuration file /etc/kubernetes/admin.conf , located on the cluster's master node, to ensure that authenticated and authorized requests are still allowed.

A. See explanation below.



B. PlaceHolder

Correct Answer: A

candidate@cli:~\$ kubectl config use-context KSCH00101 Switched to context "KSCH00101". candidate@cli:~\$ ssh ksch00101-master Warning: Permanently added '10.240.86.190' (ECDSA) to the list of known hosts.

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.

root@ksch00101-master:~# vim /etc/kubernetes/manifests/kube-apiserver.yaml



aplVersion: v1
kind: Pod
metadata;
annotations:
kubeadm.kubernetes.ic/kube-apiserver.advertise-address.endpoint: 10.240.86.190:6443
creationTimestamp: null
Labels:
component: kube-apiserver
tier: control-plane
name: kube-apiserver
hamespace: kube-system
spec:
containers:
- command:
- kube-apiserver
allow-privileged=true
authorization-mode=Node, RBAC
client-ca-file=/etc/kubernetes/pki/ca.crt
 enable-admission-plugins=AlwaysAdmit
enable-bootstrap-token-auth=true
etcd-cafile=/etc/kubernetes/pki/etcd/ca.crt
etcd-certfile=/etc/kubernetes/pki/apiserver-etcd-client.crt
etcd-keyfile=/etc/kubernetes/pki/apiserver-etcd-client.key
"/etc/kubernetes/manifests/kube-apiserver.yaml" 128L, 4343C 1,1
root@ksch00101-master:~# cat /etc/kubernetes/admin.conf
apiVersion: vl clusters:
clusters: - cluster:
certificate-authority-data: LS0tLS1CRUdJTiBDRVJUSUZJQ0FURS0tLS0tCk1JSUMvakNDQWVh20F3SUJB
Z01CgURBTkJna3Foa21HOXcwQkFRc0ZBREFWTVJNd0VRWUWUFERXdwcmRXSmwKY201bGRHVnpNQjRYRFRJeU1ESXhO akF3T1RVeE9Wb1hEVE15TURJeE5EQXd0VFV4T1Zvd0ZURVRNQkVHQTFVRQpBeE1LYTNWaVpYSnVaWFJsY3pDQ0FTSXdE
${\tt UV1KS29aSWh2Y05BUUVCQ1FBRGdnRVBBRENDQVFvQ2dnRUJBT1gwCm9LeUYvTGNmYTIvNzNZTktkSFdZU3JUaUx0QStrikerstrendgvFvQ2dnRUJBT1gwCm9LeUYvTGNmYTIvNzNZTktkSFdZU3JUaUx0QStrikerstrendgvFvQ2dnRUJBT1gwCm9LeUYvTGNmYTIvNzNZTktkSFdZU3JUaUx0QStrikerstrendgvFvQ2dnRUJBT1gwCm9LeUYvTGNmYTIvNzNZTktkSFdZU3JUaUx0QStrikerstrendgvFvQ2dnRUJBT1gwCm9LeUYvTGNmYTIvNzNZTktkSFdZU3JUaUx0QStrikerstrendgvFvQ2dnRUJBT1gwCm9LeUYvTGNmYTIvNzNZTktkSFdZU3JUaUx0QStrikerstrendgvFvQ2dnRUJBT1gwCm9LeUYvTGNmYTIvNzNZTktkSFdZU3JUaUx0QStrikerstrendgvFvQ2dnRUJBT1gwCm9LeUYvTGNmYTIvNzNZTktkSFdZU3JUaUx0QStrikerstrendgvFvQ2dnRUJBT1gwCm9LeUYvTGNmYTIvNzNZTktkSFdZU3JUaUx0QStrikerstrendgvFvQ2dnRUJBT1gwCm9LeUYvTGNmYTIvNzNZTktkSFdZU3JUaUx0QStrikerstrendgvFvQadnRUJBT1gwCm9LeUVvTGNmYTIvNzNZTktkSFdZU3JUaUx0QStrikerstrendgvFvQadnRUJBT1gwCm9LeUVvTGNmYTIvNzNZTktkSFdZU3JUaUx0QStrikerstrendgvFvQadnRUJBT1gwCm9LeUVvTGNmYTIvNzNZTktksFdZU3JUaUx0QStrikerstrendgvFvQadnRUJBT1gwCm9LeUVvTGNmYTIvNzNZTktksFdZU3JUaUx0QStrikerstrendgvFvQadnRUJBT1gwCm9LeUVvTGNmYTIvNzNZTktksFdZU3JUaUx0QStrikerstrendgvFvQadnRUJBT1gwCm9LeUVvTGNmYTIvNzNZTktksFdZU3JUaUx0QStrikerstrendgvFvQadnRUJBT1gwCm9LeUVvTGNmYTIvNzNZTktksFdZU3JUaUx0QStrikerstrendgvFvQadnRUJBT1gwCm9LeUVvTGNmYTIvNzNZTktksFdZU3JUaUx0QStrikerstrendgvFvQadnRUJBT1gwCm9LeUVvTGNmYTIvNzNZTktksFdZU3JUaUx0gPVqZdnRUJBt1gwCm9LeUVvTGNWFvQAdnRUJNgvFvQadnRUJFgwFvQadnRUJfgwFvqQadnRUJfgwFvQadnRUJfgwFvQadnRUJfgwFvQadnRUJfgwFvqQadnRUJfgwFvqQadnRUJfgwFvqQadnRUJfgwFvqQadnRUJfgwFvqQadnRUJfgwFvqQadnRUJfgwFvqqWFvqQadnRUJfgwFvqqFvqFvqQadNUffgWFvqQadnRUJfgWFvqQadnRU$
N01qTXpRz11z4ZttNG11a1pcM0tZc3Y1b0dpN0UyQ2tYc0MKUnh1L1N1znB0Mz11a2k5V3h0SHc5eTM00EtXUVE3VXBL DestR4VL01N104A104cma11z4C0VTX0A1z4D000D00000000000000000000000000000000
UmZRdXVxd1A1WXdDZkord1JmWGNGTXQxLzRNQVhWLwpkdj25YWRKSitPeFFSVj21aHFB2HR0M3Ft0FdVcW84UE5JT1E0 OEc3WWhnRUg5RHU3SFdkMS8raXVkSjNOMX16CnNISEdtYk1sWENSbEcydFV0M2RScDczSnRIS1j3S2tnMGxYM3FWS1Uy
$\label{eq:main_second} QmJRb18mK01wb0V1TXFGcmZvcWVaVWcKY1BKK3R0VmZIM1JLTkhVUnYydVJIa3Zzc2jrc1hUMW8rMXFNNHZrYnFNMH1q$
KzNxTutiSyt5V3dzUT1BYUVFMApUdXR4UUd1TFp30UE3TjZzeTFVQ0F3RUFBYU5aTUZjd0RnMURWUjBQQVF1L0JBUURB Z0trTUE4R0ExVWRFd0VCC193UUZNQU1CQWY4d0hRWURWUjBPQkJZRUZEcU1wLzdYbzZaNkJNVjVEK2w3bF2PcGpBoW1N
Q1VHQTFVZEVRUU8KTUF5Q0NcdDr2bV25Ym1WMcPyTYxd5U1X529aSWh2Y05BUUVQLFBRGdnRUJB51NNMm9wNGgY1Klv
ecziku24bwcxaV1HUF1nM1hhOTNOWEZ1TTY3RnA2NkdqUEc5SXBONNHULMRWU1yd0Mya1BDeFV0b21SXHLUQ1FNbDV3
cWRHCkdPS2JwVVp6Smc3Y0dyS2E3R1pzWVNyVUVGRWhyd2x2WXNcME56aFBoZVcwcHJjcWtSdXN1bm55SG5YNGVOMUoK N1NzbG2YTjJIdVFJd1VIRG15L0JsL12WRmZNZnRxOGF020pYSFZGTm1VcDRpNX1JTXFRNTB42jVqcnF1WFRmVwpVdmJq
zj EyOThXVTk3QkxHcDdRZE9QYWVKU051USt1VKMrdnpVZ2tVQVNjc1Vsc24xcThPNnBRbjV3TjNxdUVrCm5zQk9pckxStructurestructur
c2k2a1N301hLbGcvangvcitqd0dTc0xwWuxDZT1xa1FraTdCSVRJT1N3ejd3c2hzbERuNzBFY01Ka0VBPQotLS0tLUVORCBDRVJUSUZJQ0FURS0tLS0tCg=
serve: https://10.240.36.190:6443
name: kubernetes
contexts: - context:
cluster: kubernetes
user: kubernetes-admin
name: kubernetes-admin@kubernetes current-context: kubernetes-admin@kubernetes
kind: Config
preferences: () users:
usets, - name: kubernetes-admin
user:
client-certificate-data: LSOLLSICRUdJTiBDRVJUSUZJQOFURSOLLSOLCK1JSURJVENDQWdt2OF3SUJB201 ocEdQcDB42k9JbKYxaGJwcTh5Y1BUMGx1Tm5VNjBiSUpxRXVKckxJbEtXC1NValh1VKY2Nk102Hc1ZU1OT2JxK1haaHd
$h \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$
Tck5XbUQ0Tz2sMU13b1200VJzQ2RXTkV3VGNZRHdoUTd20QpGcExKL3hiSDdUTzkwY1RFd1Iwaz13cFVYd11kdk1jSXN MRKYwL3F2bDA3U31xbGp10E11SnNpQ1hCU1zxbS9wCmNUUSs3Sn21bmda2z1k0Wd2aVJVdFFTcHBONkx4UnhkSzNKMGR
ank twister untrop incompany incompany and the second s
$RQUJBb01C \underline{Q} URWRkzNSVRqYnNySTZTTwp \underline{Q} OGM0MTByN3RWZ251cXJVS202dHRn2WtX0Wd1S1pvMn2yb3RsbG9qOGFRamFinderarchingControl and the statement of the statement $
0MT2naEUwOXdzd2xMSDhId0tLCk1Mb2Nr2nFCUyt10Wo12m1FWGXYTG00cE1CVDFRbGFJQ1JRMDRyQ0JZbHdCN1VFbVB 1WjhuQ31mR2JYTC9HM2wKcXBYTDVKdzJqcVh2MXdzcWsrdWNCRk0zZ0FY2k5YZkh1RExnV0VyNXRZR1F4VXo5UFFH0D1
pcDY10TBkYnB1SAp0MnU2NGk4UTg1dk830FVIT1c2eUFzU11ozVdha093RDFw2zNPdkhxV3FhbnV1Mn1r0WxaUUR0WW5
2 MytBe U5DCnloNlraRHluz012 dEptbDFTQ01TNEpSR2d4NXNwaCtKOC9XOGx0Ri9wMWZxbTA0bXZSRndxU3M2Y1JCQ2ZAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
PVVcKbFV1MGxLRUNnWUVBNWJzT01VVzFBVndjTmJsc0pSVDNURkI2OV1xbDRYcnZRR0F2Y3BhdktENnd5VmtEOTV1QQp SaXVRS1NNKzY4REtBVm1pY11paThJemExTkdqdC9JZDUWTGVoNk1aRVg2enVpK0g3d1BSbVd6SE9ueWNmU2Fmc1VQMEF
RLORIM21CNWJQTmJHYXNkaDNID2JvRONSSHZmTFFXY2tYDUVXM22udV1IR1JL22x1TEVD211FQTVUdysKTEVTV1BESFF
mamNBNOhtNmdsMndGRjdCUG1SSG42VVCR25bb32vFmMxa1BMRWVCMWJ60hJNWJd1eGdmaHN00QpM20xSUDBXdkJWd1J
sVTdMTmFLT1VzRmkxU2dvaWZsS012WkMyZmpLWTY1RFE3YUUzcTdnVis4U2p1ZHpoc1hCCkVQc1AvWXQ3S0QrbFBMZmh aNXNKZWFte1Y3b3gveno5Y0s0U02Kc0NnWUJ40Vk2VzFvdHBoMFcvS05JS3V4SEoKM1nxRFQxbm10bE9FdmFhakFUaTJ
2QkxXYhIvWERsNWRjTEs4bFcxYkNYR3JwY2s3U0xKN1h2UV1XajQ2dTNJMgpEQ22UWlFiRWRQTzNBbWtPR22qWmdPcDdirecters1000000000000000000000000000000000000
pdUVkL0JDLzNpRkprcXVlenNFdFdMTH1VcjM5T0h2eWl6QVJ4Tmo2Ch2uUGlma000Rk16d3F2MHVoN0xlb1FLQmdBT12 XZTRZM1RwbzJ3aEswbmVkM11sMXhVNjJo22J1VHcvaVdhdVcKY3ZMV3d12U1md0Q4MVRML2R3a29KVEM1VEJRUXQzUkk
A2 i Rami, RM220 Sabawani a ku labali wiju judzu la vrta wuliu u ku i sawa su la u lindu wija wa kaza sa za veni u bu ku ku za kaza sa kaza kaza kaza kaza kaza kaz
${\tt OU02Ecz2wclhocThsV2132nd3aWlBRlhLSFJRckE3RkxBb0dcQUx3NW8rbHFV23hHQlpKdy9EelRGek5TekQreVd6Um8arbHFV23hHQlpKdy9EeRFFV23hHQlpKdy9ErRFFV23hHqlpKdy9ErRFFV23hHQlpKdy9ErRFFV23hHqlpKdy9ErRFFV23hHqlpKdy9ErRFFV23hHQlpKdy9ErRFFV23hHqlpKdy9ErRFFV23hHqlpKdy9ErRFFV23hHqPKdy9ErRFFV23hHqlpKdy9ErRFFV23hHqlpKdy9ErRFFV23hHqlpKdy9ErRFFV23hHqPKdy9ErRFFV23hHqlpKdy9ErRFFV23hHqlpKdy9ErRFFV23hHqPKdy9ErRFFV23hHqlpKdy9ErRFFV23hHqPKdy9ErRFFV23hHqPKdy9ErRFFV23hHqPKdy9ErRFFV23hHqPKdy9ErRFFV23hHqPKdy9ErRFFV23hHqPKdy9FV23hHqPKdy9FFV23hHqPKdVqPKFV74hFV7V4ArbFFV23hHqPK7FFV23hHPK7V23hHPKTFFV23hHPK7V23hHPK7V24FV7FV7FV7FV7FV7FV7FV7FV7FV7FV7FV7FV7FV7F$
1c2ZEc2x6a2FvY0pHbEx2MUNndEVIc3QKeG5HMT1IYStSM1M3cDRtei9LeDJYMFRzaTZzUzVwN1R5WEx5STF5azh2TUZ rRldacjRmeVhXV2t3Sjz1VE11YwpyWF13TWM5VF1DUGZrSFJaTm9XR1hzV3BkeTJBOX2CbF1ScHZsQVZoenU2T1VZQ2w
Intel your move of program in the provide the provided and the state of our activity interformer in the state of the state
root@ksch00101-master:~# vim /etc/kubernetes/manifests/kube-apiserver.yaml



 The second second				
 				
 				
 —				
 — "provy - crash-bar / trans-bar / bar /				
 consentionado: dotica induica pretionil lossode lateu respondionado: group bonderando lateuri de consenta de consentación - se especta en de consentación de consentación de lateuri 				
 				
 — and a loss sector with exclusing elements of the environment of the transition of the transition of the environment of the environment				
 Using structure interview of the structure o				
fallow thready it is				
10.24T.06.190 /livez				
THE REPORT OF TH				
Contract Contractantes (Second Second S				
Access of the second se				
/ reacting a				
Print a prime in order of the second of the				
eset 250m				
1021 05-75-000 05-75 1021 05-75 05-75 1021 05-75 10				
enation (S.) Association (S.) Associatio				
r ye o ha 20-ba ago Gonzanova - 14 ye ye da adbesa ana ya a da a				
 Interface probability of the second se				
<pre>construction continues control co</pre>				
The effective sector of the sector sector sector plat.				
indialy, //os//osi/share/os/coitilostes				
- ministration / fairs / states / ca-constitutions				
<pre>import Statut, Joard Amaryka, contificates, important status and international file attem important status</pre>				
And California a Labor 1. Second of the Addison a Syntam model or White Labor 1. Second a state of the Addison a Syntam model or White Labor 1.				
set - ingeneration in the loss of a bit				
Set /				
 Martini, 24.5.765-bertificientee Birrostory002roote Birrostory002roote 				
 Anarona Anarona				
Zelu Antonia molendyku krysk se restorpystyteme k Kuk posta				
anti-factors//doublesteener/ifiosteener/ifiosteener/ifiosteener/ifiost/pdfactors				
- udr-ismi-dbarc-m-cetilismes - udright				
Anne Anisee Ass. esertificates Envertage dimension University (Electron				
<pre>root@ksch00101-master:~# vim /etc/kuberne root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# kubectl get node error: You must be logged in to the serve</pre>	-reload irt kubele s	et.service	-apiserver.yaml	
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# kubectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit	-reload irt kubele s	et.service	-apiserver.yaml	
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# kubectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout	-reload irt kubele s	et.service	-apiserver.yaml	
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# kubectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit loggout Connection to 10.240.86.190 closed.	-reload irt kubele s	et.service	-apiserver.yaml	
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# kubectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit loggout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes	-reload irt kubele s	et.service norized)		3
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# kubectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES	-reload art kubele s ar (Unauth	et.service norized) AGE V	ERSION	
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# kubectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan	-reload art kubele s ar (Unauth	et.service norized) AGE VI 93d v	ERSION 1.23.3	
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# kubectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES	e-reload art kubele s ar (Unauth e,master	et.service norized) AGE VI 93d v	ERSION	
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# kubectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-workerl Ready <none></none>	e-reload art kubele s ar (Unauth e,master	et.service norized) AGE VI 93d v	ERSION 1.23.3	AGE
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# kubectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-worker1 Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm</none>	e-reload rt kubele s r (Unauth e,master system READY 1/1	AGE V 93d v 93d v 93d v STATUS Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago)	93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# kubectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-worker1 Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-rr7sd</none>	e,master READY 1/1 1/1	AGE VI 93d V 93d V 93d V STATUS Running Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago)	93d 93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# systemctl resta root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-workerl Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm etcd-ksch00101-master</none>	e,master READY 1/1 1/1	AGE V 93d v 93d v STATUS Running Running Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago)	93d 93d 93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# subectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-workerl Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm kube-apiserver-ksch00101-master</none>	e,master system READY 1/1 1/1 0/1	AGE VI 93d V 93d V 93d V STATUS Running Running Running Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 0	93d 93d 93d 24s
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# systemctl resta root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-worker1 Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-r7/sd etcd-ksch00101-master kube-apiserver-ksch00101-master kube-controller-manager-ksch00101-master</none>	e,master system READY 1/1 1/1 0/1 1/1	AGE V 93d v 93d v STATUS Running Running Running Running Running Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 0 3 (42s ago)	93d 93d 93d 24s 93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# subectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-worker1 Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-rr7sd etcd-ksch00101-master kube-controller-manager-ksch00101-master kube-flannel-ds-llktn</none>	e,master READY 1/1 1/1 1/1 1/1 1/1 1/1	AGE V 93d V 93d V 93d V STATUS Running Running Running Running Running Running Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 0 3 (42s ago) 1 (93d ago)	93d 93d 93d 24s 93d 93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# systemctl resta root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-workerl Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-rr7sd etcd-ksch00101-master kube-apiserver-ksch00101-master kube-controller-manager-ksch00101-master kube-flannel-ds-g9vnl</none>	e, master system READY 1/1 1/1 1/1 1/1 1/1 1/1 1/1	AGE VI 93d V 93d V 93d V STATUS Running Running Running Running Running Running Running Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 0 3 (42s ago) 1 (93d ago) 1 (93d ago)	93d 93d 93d 24s 93d 93d 93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# subectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-workerl Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7r7sd etcd-ksch00101-master kube-apiserver-ksch00101-master kube-flannel-ds-llktn kube-flannel-ds-q9vnl kube-proxy-2c4ht</none>	e,master system READY 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1	AGE VI 93d V 93d V STATUS Running Running Running Running Running Running Running Running Running Running Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 0 3 (42s ago) 1 (93d ago) 1 (93d ago) 1 (93d ago)	93d 93d 24s 93d 93d 93d 93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# subectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-worker1 Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-r7sd etcd-ksch00101-master kube-apiserver-ksch00101-master kube-flannel-ds-llktn kube-flannel-ds-q9vnl kube-proxy-2e4ht kube-proxy-pmmbc</none>	e,master system READY 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/	AGE V 93d v 93d v STATUS Running Running Running Running Running Running Running Running Running Running Running Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 0 3 (42s ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago)	93d 93d 24s 93d 93d 93d 93d 93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# subectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-worker1 Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-rr7sd etcd-ksch00101-master kube-apiserver-ksch00101-master kube-flannel-ds-11ktn kube-flannel-ds-q9vnl kube-proxy-2c4ht kube-proxy-pmmbc kube-setwalenter kube-setwalenter kube-setwalenter-ksch00101-master</none>	e,master respective re	AGE VI 93d V 93d V STATUS Running Running Running Running Running Running Running Running Running Running Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 0 3 (42s ago) 1 (93d ago) 1 (93d ago) 1 (93d ago)	93d 93d 24s 93d 93d 93d 93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# systemctl resta root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-workerl Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm kube-controller-manager-ksch00101-master kube-controller-manager-ksch00101-master kube-flannel-ds-q9vnl kube-proxy-2c4ht kube-proxy-2c4ht kube-proxy-2c4ht kube-siamet-ksch00101-master candidate@cli:~\$ kubectl get pod -n kube-</none>	e, master system READY 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/	AGE VI 93d V 93d V 93d V STATUS Running Running Running Running Running Running Running Running Running Running Running Running Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 0 3 (42s ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 3 (42s ago)	93d 93d 24s 93d 93d 93d 93d 93d 93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# subectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-workerl Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm kube-flannel-ds-llktn kube-flannel-ds-llktn kube-proxy-2c4ht kube-proxy-2c4ht kube-scheduler-ksch00101-master candidate@cli:~\$ kubectl get pod -n kube- NAME</none>	e, master system READY 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/	AGE VI 93d V 93d V STATUS Running Running Running Running Running Running Running Running Running Running Running Running Running Running Running Running Running Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 0 3 (42s ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 3 (42s ago) RESTARTS	93d 93d 24s 93d 93d 93d 93d 93d 93d 93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# subectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-worker1 Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-r7sd etcd-ksch00101-master kube-apiserver-ksch00101-master kube-flannel-ds-llktn kube-flannel-ds-llktn kube-proxy-peMbc kube-scheduler-ksch00101-master candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm</none>	e, master e, master	AGE VI 93d V 93d V 93d V STATUS Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 0 3 (42s ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 3 (42s ago) 1 (93d ago) 3 (42s ago) RESTARTS 1 (7h2m ago)	93d 93d 24s 93d 93d 93d 93d 93d 93d 93d 93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# subectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-worker1 Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-rr7sd etcd-ksch00101-master kube-controller-manager-ksch00101-master kube-flannel-ds-qlvn1 kube-flannel-ds-qlvn1 kube-scheduler-ksch00101-master coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm</none>	e,master e,master e,master r (Unauth r (Unauth r (Unauth r (Unauth 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/	AGE VI 93d V 93d V 93d V STATUS Running Running Running Running Running Running Running Running Running Running Running Running Running Running Running Running Running Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 3 (42s ago) RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago)	93d 93d 24s 93d 93d 93d 93d 93d 93d AGE 93d 93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# systemctl resta root@ksch00101-master:~# systemctl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-master Ready control-plan ksch00101-workerl Ready control-plan ksch00101-workerl Ready control- sandidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm kube-apiserver-ksch00101-master kube-controller-manager-ksch00101-master kube-flannel-ds-1lktn kube-proxy-2c4ht kube-proxy-2c4ht kube-scheduler.ksch00101-master candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm	e, master system READY 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/	AGE VI 93d V 93d V 93d V STATUS Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 0 3 (42s ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 3 (42s ago) RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago)	93d 93d 24s 93d 93d 93d 93d 93d 93d 93d 93d 93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# subectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-workerl Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm kube-flannel-ds-11ktn kube-flannel-ds-11ktn kube-flannel-ds-q9vn1 kube-proxy-2c4ht kube-proxy-2c4ht kube-scheduler-ksch00101-master candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm</none>	e, master system READY 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/	AGE VI 93d V 93d V 93d V STATUS Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 0 3 (42s ago) 1 (93d ago) 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 0	93d 93d 24s 93d 93d 93d 93d 93d 93d 93d 93d 93d 93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# kubectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-worker1 Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-r7sd etcd-ksch00101-master kube-controller-manager-ksch00101-master kube-flannel-ds-glvn1 kube-proxy-2c4ht kube-scheduler-ksch00101-master candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm</none>	e, master system READY 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/	AGE VI 93d V 93d V 93d V STATUS Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 0 3 (42s ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 3 (42s ago) RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago)	93d 93d 24s 93d 93d 93d 93d 93d 93d 93d 93d 93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# kubectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-worker1 Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-rr7sd etcd-ksch00101-master kube-apiserver-ksch00101-master kube-flannel-ds-11ktn kube-flannel-ds-q9vn1 kube-scheduler-ksch00101-master coredns-64897985d-rr7sd etcd-ksch00101-master kube-scheduler-ksch00101-master kube-scheduler-ksch00101-master kube-scheduler-ksch00101-master kube-scheduler-ksch00101-master kube-scheduler-ksch00101-master kube-scheduler-ksch00101-master kube-scheduler-ksch00101-master kube-scheduler-ksch00101-master kube-apiserver-ksch00101-master kube-apiserver-ksch00101-master kube-controller-manager-ksch00101-master kube-controller-manager-ksch00101-master kube-controller-manager-ksch00101-master kube-scheduler-ksch00101-master kube-scheduler-ksch00101-master kube-scheduler-ksch00101-master kube-apiserver-ksch00101-master kube-scheduler-ksch</none>	e-reload rt kubele s r (Unauth e, master system READY 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/	AGE VI 93d V 93d V 93d V STATUS Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 3 (42s ago) RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 0 (7h2m ago) 3 (48s ago)	93d 93d 24s 93d 93d 93d 93d 93d 93d 93d 93d 93d 93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# subectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-workerl Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-rr7sd etcd-ksch00101-master kube-controller-manager-ksch00101-master kube-flannel-ds-q9vnl kube-flannel-ds-q9vnl kube-scheduler-ksch00101-master coredns-64897985d-7pnhm coredns-64897985d-rr7sd etcd-ksch00101-master kube-flannel-ds-q9vnl kube-proxy-c4ht kube-proxy-c4ht kube-scheduler-ksch00101-master coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-rr7sd etcd-ksch00101-master kube-caller-ksch00101-master kube-apiserver-ksch00101-master kube-apiserver-ksch00101-master kube-apiserver-ksch00101-master kube-apiserver-ksch00101-master kube-apiserver-ksch00101-master kube-apiserver-ksch00101-master kube-apiserver-ksch00101-master kube-flannel-ds-g9vnl</none>	-reload rt kubele s r (Unauth r (Unauth r (Unauth r (Unauth r (Unauth 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/	AGE V 93d V 93d V 93d V STATUS Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 3 (42s ago) RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 0 (48s ago) 1 (93d ago) 1 (93d ago)	93d 93d 24s 93d 93d 93d 93d 93d 93d 93d 93d 93d 93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# kubectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-worker1 Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-rr7sd etcd-ksch00101-master kube-apiserver-ksch00101-master kube-flannel-ds-11ktn kube-flannel-ds-q9vn1 kube-scheduler-ksch00101-master coredns-64897985d-rr7sd etcd-ksch00101-master kube-scheduler-ksch00101-master kube-scheduler-ksch00101-master kube-scheduler-ksch00101-master kube-scheduler-ksch00101-master kube-scheduler-ksch00101-master kube-scheduler-ksch00101-master kube-scheduler-ksch00101-master kube-scheduler-ksch00101-master kube-apiserver-ksch00101-master kube-apiserver-ksch00101-master kube-controller-manager-ksch00101-master kube-controller-manager-ksch00101-master kube-controller-manager-ksch00101-master kube-scheduler-ksch00101-master kube-scheduler-ksch00101-master kube-scheduler-ksch00101-master kube-apiserver-ksch00101-master kube-scheduler-ksch</none>	r (Unauth r (Unauth) r (Unauth r (Unauth) r (Unaut	AGE VI 93d V 93d V 93d V STATUS Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 0 3 (42s ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 3 (42s ago) RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 0 3 (48s ago) 1 (93d ago)	93d 93d 24s 93d 93d 93d 93d 93d 93d 93d 93d 93d 30s 93d 93d 93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# subectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-worker1 Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-r7ad etcd-ksch00101-master kube-apiserver-ksch00101-master kube-flannel-ds-11ktn kube-flannel-ds-11ktn kube-flannel-ds-q9vn1 kube-proxy-pmmbc kube-scheduler-ksch00101-master coredns-64897985d-r7sd etcd-ksch00101-master kube-controller-manager-ksch00101-master kube-controller-manager-ksch00101-master kube-controller-manager-ksch00101-master kube-controller-manager-ksch00101-master kube-controller-manager-ksch00101-master kube-controller-manager-ksch00101-master kube-controller-manager-ksch00101-master kube-controller-manager-ksch00101-master kube-controller-manager-ksch00101-master kube-flannel-ds-q9vn1 kube-flannel-ds-q9vn1 kube-proxy-2c4ht kube-flannel-ds-q9vn1 kube-proxy-2c4ht kube-flannel-ds-q9vn1 kube-proxy-2c4ht kube-scheduler-ksch00101-master</none>	-reload rt kubele s r (Unauth r (Unauth r (Unauth r (Unauth r (Unauth r (Unauth 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/	AGE V 93d v 93d v 93d v STATUS Running	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 3 (42s ago) RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (93d ago) 3 (48s ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 3 (48s ago)	93d 93d 24s 93d 93d 93d 93d 93d 93d 93d 93d 93d 93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# subectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-workerl Ready control-plan ksch00101-workerl Ready control-plan ksch00101-workerl Ready control- sch00101-workerl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm kube-apiserver-ksch00101-master kube-controller-manager-ksch00101-master kube-flannel-ds-1lktn kube-proxy-2c4ht kube-proxy-2c4ht kube-scheduler-ksch00101-master coredns-64897985d-rr7sd etcd-ksch00101-master kube-apiserver.ksch00101-master kube-apiserver.ksch00101-master kube-apiserver.ksch00101-master kube-apiserver.ksch00101-master kube-apiserver.ksch00101-master kube-apiserver.ksch00101-master kube-flannel-ds-1lktn kube-flannel-ds-1lktn kube-flannel-ds-1lktn kube-flannel-ds-1lktn kube-flannel-ds-1lktn kube-flannel-ds-1lktn kube-flannel-ds-1ktn kube-flannel-ds-g9vnl kube-proxy-2c4ht kube-proxy-2c4ht kube-proxy-2c4ht kube-proxy-2c4ht kube-proxy-2c4ht kube-proxy-2c4ht kube-flannel-ds-g9vnl kube-flannel-d	-reload rt kubele s r (Unauth r (Unauth r (Unauth r (Unauth r (Unauth r (Unauth 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/	AGE VI 93d V 93d V 93d V STATUS Running Runnin	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 0 3 (42s ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (93d ago)	93d 93d 93d 93d 93d 93d 93d 93d 93d 93d
root@ksch00101-master:~# systemctl daemon stoot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# subectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-master Ready control-plan ksch00101-worker1 Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-r7bat etcd-ksch00101-master kube-apiserver-ksch00101-master kube-flannel-ds-llktn kube-flannel-ds-q9vnl kube-scheduler-ksch00101-master coredns-64897985d-r7bat coredns-64897985d-r7bat coredns-64897985d-r7bat kube-controller-manager-ksch00101-master kube-controller-manager-ksch00101-master kube-scheduler-ksch00101-master kube-scheduler-ksch00101-master kube-controller-manager-ksch00101-master kube-controller-manager-ksch00101-master kube-controller-manager-ksch00101-master kube-controller-manager-ksch00101-master kube-controller-manager-ksch00101-master kube-flannel-ds-llktn kube-flannel-ds-llktn kube-flannel-ds-llktn kube-flannel-ds-gvnl kube-proxy-2c4ht kube-proxy-2c4ht kube-proxy-2c4ht kube-scheduler-ksch00101-master</none>	reload rt kubele s r (Unauth READY 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/	AGE VI 93d V 93d V 93d V STATUS Running Runnin	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 3 (42s ago) RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (93d ago) 3 (48s ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 3 (48s ago)	93d 93d 93d 93d 93d 93d 93d 93d 93d 93d
root@ksch00101-master:~# systemctl daemon sroot@ksch00101-master:~# systemctl resta root@ksch00101-master:~# systemctl resta root@ksch00101-master:~# subectl get node error: You must be logged in to the serve root@ksch00101-master:~# exit logout Connection to 10.240.86.190 closed. candidate@cli:~\$ kubectl get nodes NAME STATUS ROLES ksch00101-warker Ready control-plan ksch00101-workerl Ready <none> candidate@cli:~\$ kubectl get pod -n kube- NAME coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm kube-apiserver-ksch00101-master kube-controller-manager-ksch00101-master kube-flannel-ds-1lktn kube-flannel-ds-q9vnl kube-scheduler-ksch00101-master coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-7pnhm coredns-64897985d-rr7zd etcd-ksch00101-master kube-apiserver-ksch00101-master kube-flannel-ds-1lktn kube-flannel-ds-1lktn kube-flannel-ds-1lktn kube-flannel-ds-q9vnl kube-proxy-2c4ht kube-flannel-ds-q9vnl kube-proxy-2c4ht kube-flannel-ds-q9vnl kube-flannel-ds-q9vnl kube-flannel-ds-q9vnl kube-proxy-2c4ht kube-flannel-ds-q9vnl</none>	-reload rt kubele s r (Unauth r (Unauth r (Unauth r READY 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/	AGE VI 93d v 93d v 93d v STATUS Running Runnin	ERSION 1.23.3 1.23.3 RESTARTS 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (93d ago) 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (7h2m ago) 1 (93d ago) 1	93d 93d 93d 93d 93d 93d 93d 93d 93d 93d



QUESTION 2

Context:

Cluster: prod

Master node: master1

Worker node: worker1

You can switch the cluster/configuration context using the following command:

[desk@cli] \$ kubectl config use-context prod

Task:

Analyse and edit the given Dockerfile (based on the ubuntu:18:04 image)

/home/cert_masters/Dockerfile fixing two instructions present in the file being prominent security/best-practice issues.

Analyse and edit the given manifest file

/home/cert_masters/mydeployment.yaml fixing two fields present in the file being prominent security/best-practice issues.

Note: Don\\'t add or remove configuration settings; only modify the existing configuration settings, so that two configuration settings each are no longer security/best-practice concerns.

Should you need an unprivileged user for any of the tasks, use user nobody with user id 65535

A. See the explanation below

B. PlaceHolder

Correct Answer: A

1. For Dockerfile: Fix the image version and user name in Dockerfile2. For mydeployment.yaml : Fix security contexts

Explanation[desk@cli] \$ vim /home/cert_masters/Dockerfile FROM ubuntu:latest # Remove this FROM ubuntu:18.04 # Add this USER root # Remove this USER nobody # Add this RUN apt get install -y lsof=4.72 wget=1.17.1 nginx=4.2 ENV ENVIRONMENT=testing USER root # Remove this USER nobody # Add this CMD ["nginx -d"]

FROM ubuntu:latest	# Remove this
FROM ubuntu:18.04	# Add this
USER root	# Remove this
USER nobody	# Add this
RUN apt get install	-y lsof=4.72 wget=1.17.1 nginx=4.2
ENV ENVIRONMENT=tes	sting
USER root	# Remove this
USER nobody	# Add this
CMD ["nginx -d"]	



Text

[desk@cli] \$ vim /home/cert_masters/mydeployment.yaml
apiVersion: apps/v1
kind: Deployment
metadata:
creationTimestamp: null
labels:
app: kafka
name: kafka
spec:
replicas: 1
selector:
matchLabels:
app: kafka
strategy: {}
template:
metadata:
creationTimestamp: null
labels:
app: kafka
spec:
containers:
-image: bitnami/kafka
name: kafka
volumeMounts:
-
name: kafka-vol
mountPath: /var/lib/kafka
securityContext:



{"capabilities":{"add":["NET_ADMIN"],"drop":["all"]},"privileged":

True,"readOnlyRootFilesystem": False, "runAsUser": 65535} # Delete This {"capabilities":{"add":["NET_ADMIN"],"drop":["all"]},"privileged":

False, "readOnlyRootFilesystem": True, "runAsUser": 65535} # Add This resources: {}

volumes:

-

name: kafka-vol

emptyDir: {}

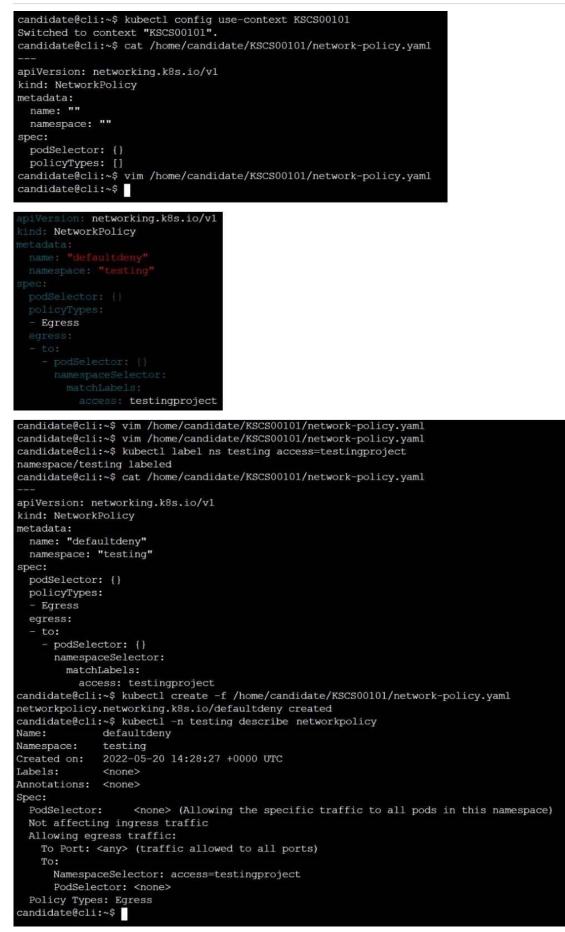
status: {}

Pictorial View:[desk@cli] \$ vim /home/cert_masters/mydeployment.yaml



QUESTION 3







Create a RuntimeClass named gvisor-rc using the prepared runtime handler named runsc.

Create a Pods of image Nginx in the Namespace server to run on the gVisor runtime class

- A. See the explanation below:
- B. PlaceHolder
- Correct Answer: A

Install the Runtime Class for gVisor

{ # Step 1: Install a RuntimeClass cat