apiVersion: v1

kind: ServiceAccount

metadata:

name: api-access

---

apiVersion: rbac.authorization.k8s.io/v1

kind: ClusterRole

metadata:

name: pods-sa-cluster-admin-role

rules:

- apiGroups: ["\*"]

resources: ["\*"]

verbs: ["\*"]

---

kind: ClusterRoleBinding

apiVersion: rbac.authorization.k8s.io/v1

metadata:

name: pods-sa-cluster-admin-role-binding

subjects:

- kind: ServiceAccount

name: api-access

namespace: default

roleRef:

kind: ClusterRole

name: pods-sa-cluster-admin-role

apiGroup: rbac.authorization.k8s.io

---

apiVersion: apps/v1

kind: Deployment

metadata:

name: jenkins

spec:

replicas: 1

selector:

matchLabels:

app: jenkins

template:

metadata:

labels:

app: jenkins

spec:

serviceAccountName: api-access

containers:

- name: jenkins

image: jenkins/jenkins:lts

ports:

- name: http-port

containerPort: 8080

- name: jnlp-port

containerPort: 50000

volumeMounts:

- name: jenkins-vol

mountPath: /var/jenkins\_vol

volumes:

- name: jenkins-vol

emptyDir: {}