

Creating sample user

<https://github.com/kubernetes/dashboard/blob/master/docs/user/access-control/creating-sample-user.md>

In this guide, we will find out how to create a new user using the Service Account mechanism of Kubernetes, grant this user admin permissions and login to Dashboard using a bearer token tied to this user.

IMPORTANT: Make sure that you know what you are doing before proceeding. Granting admin privileges to Dashboard's Service Account might be a security risk.

For each of the following snippets for `ServiceAccount` and `ClusterRoleBinding`, you should copy them to new manifest files like `dashboard-adminuser.yaml` and use `kubectl apply -f dashboard-adminuser.yaml` to create them.

Creating a Service Account

We are creating Service Account with the name `admin-user` in namespace `kubernetes-dashboard` first.

```
apiVersion: v1
kind: ServiceAccount
metadata:
  name: admin-user
  namespace: kubernetes-dashboard
```

Creating a ClusterRoleBinding

In most cases after provisioning the cluster using `kops`, `kubeadm` or any other popular tool, the `ClusterRole` `cluster-admin` already exists in the cluster. We can use it and create only a `ClusterRoleBinding` for our `ServiceAccount`. If it does not exist then you need to create this role first and grant required privileges manually.

```
apiVersion: rbac.authorization.k8s.io/v1
kind: ClusterRoleBinding
metadata:
  name: admin-user
```

```
roleRef:
  apiGroup: rbac.authorization.k8s.io
  kind: ClusterRole
  name: cluster-admin
subjects:
- kind: ServiceAccount
  name: admin-user
  namespace: kubernetes-dashboard
```

Getting a Bearer Token

Now we need to find the token we can use to log in. Execute the following command:

```
kubectl -n kubernetes-dashboard create token admin-user
```

It should print something like:

eyJhbGciOiJIUzI1NiIsInR0b3R5bGU6ImNpdGZlL3NlcnZpY2VhY2NvdW50Iiwia3ViZXJuZXRlcy5pby9zZXJ2aWNIYWNIbnVudC9uYW1lc3BhY2UiOiJrdWJlcm5ldGVzLWRhc2hib2FyZCIsImt1YmVybmV0ZXMuaW8vc2VydmljZWZjY291bnQvc2VjcmV0Lm5hbWUiOiJhZG11c2VyLXRva2VuLXVzZXliLCJrdWJlcm5ldGVzLmlvL3NlcnZpY2VhY2NvdW50L3NlcnZpY2UtYWNIbnVudC51aWQiOiIwMzAzMjZyY0MDQwLTRhNTgtOGE0Ny04NDIIZTliYTc5YzEiLCJzdWliOiJzeXN0ZW06c2VydmljZWZjY291bnQ6a3ViZXJuZXRlcy1kYXNoYm9hcmQ6YWRtaW4tdXNlcij9.Z2JrQlitASVwWbc-s6deLRFV6K5DWD3P_vjUFXsqVSY10pbjFLG4njoZwh8p3tLxnX_VBs7_6bwXhWSYChp9hwxznemD5x5HLtjb16kl9Z7yFWLtozhkTwuFbqmQaMoget_nYcQBUC5fDmBHRfFvNKePh_vSSb2h_aYXa8GV5AcfPQpY7r461itme1EXHJQqv-SN-zUnguDguCTjD80pFZ_CmnSE1z9QdMHPB8hoB4V68gtswr1VLa6mSYdgPwCHauuOobojALSaMc3RH7MmFUumAgguhqAkX3OmQd3rJbYOMRuMjhanQd08piDC3alabINX6gP5-Tuuw2svnV6NYQ

Now copy the token and paste it into the field on the login screen.

[Sing in](#)

Click the `Sign in` button and that's it. You are now logged in as an admin.

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