Managing k8s Role-Based Access Control (RBAC)

Relevant Documentation

- RBAC

Lesson Reference

Create a Role spec file.

```
vi role.yml
```

```
apiVersion: rbac.authorization.k8s.io/v1
kind: Role
metadata:
  namespace: default
  name: pod-reader
rules:
- apiGroups: [""]
  resources: ["pods", "pods/log"]
  verbs: ["get", "watch", "list"]
```

Create the Role.

```
kubectl apply -f role.yml
```

Bind the role to the `dev` user.

```
vi rolebinding.yml
```

```
apiVersion: rbac.authorization.k8s.io/v1
kind: RoleBinding
metadata:
  name: pod-reader
  namespace: default
subjects:
- kind: User
  name: dev
  apiGroup: rbac.authorization.k8s.io
roleRef:
  kind: Role
  name: pod-reader
  apiGroup: rbac.authorization.k8s.io
```

Create the RoleBinding.

```
kubectl apply -f rolebinding.yml
```