



## API OBJECTS

## API Objects

### RBAC

The last API resources that we will look at are in the **rbac.authorization.k8s.io** group. We actually have four resources: ClusterRole, Role, ClusterRoleBinding, and RoleBinding. They are used for Role Based Access Control (RBAC) to Kubernetes.

Take a look at the command and output presented below:

```
$ curl localhost:8080/apis/rbac.authorization.k8s.io/v1
```

```
...
  "groupVersion": "rbac.authorization.k8s.io/v1",
  "resources": [
...
    "kind": "ClusterRoleBinding"
...
    "kind": "ClusterRole"
...
    "kind": "RoleBinding"
...
    "kind": "Role"
...

```

These resources allow us to define Roles within a cluster and associate users to these Roles. For example, we can define a Role for someone who can only read pods in a specific namespace, or a Role that can create deployments, but no services. We will talk more about RBAC later in the course, in the *Security* chapter.