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APIS AND ACCESS
# APIs and Access

## Checking Access

While there is more detail on security in a later chapter, it is helpful to check the current authorizations, both as an administrator, as well as another user. The following shows what user **bob** could do in the **default** namespace and the **developer** namespace, using the **auth can-i** subcommand to query (commands and outputs):

```
$ kubectl auth can-i create deployments
yes

$ kubectl auth can-i create deployments --as bob
no

$ kubectl auth can-i create deployments --as bob --namespace developer
yes
```

There are currently three APIs which can be applied to set who and what can be queried:

- **SelfSubjectAccessReview**
  Access review for any user, helpful for delegating to others.

- **LocalSubjectAccessReview**
  Review is restricted to a specific namespace.

- **SelfSubjectRulesReview**
  A review which shows allowed actions for a user within a particular namespace.

The use of **reconcile** allows a check of authorization necessary to create an object from a file. No output indicates the creation would be allowed.