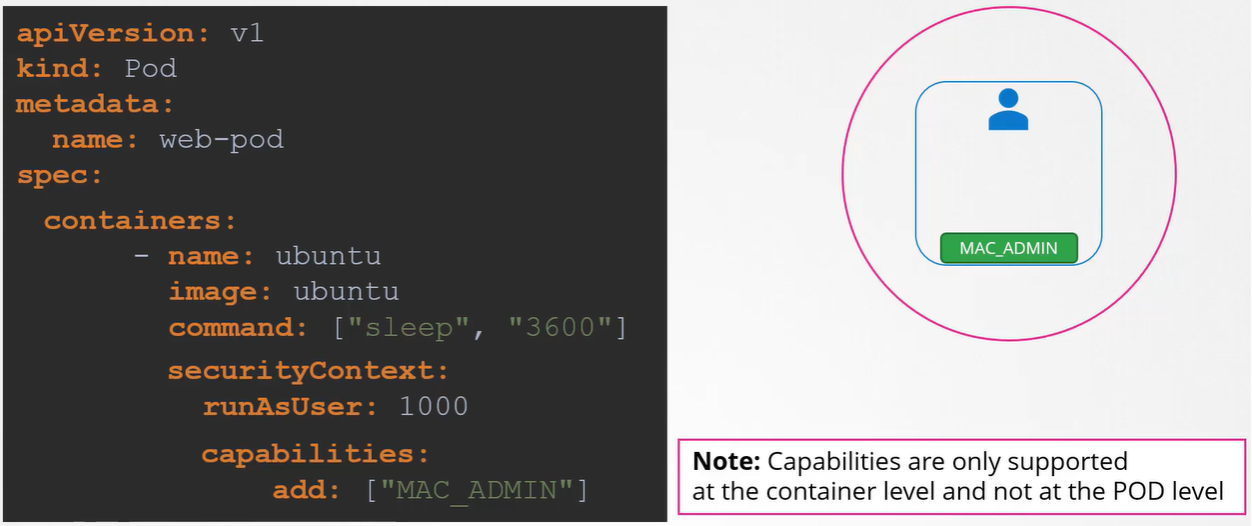
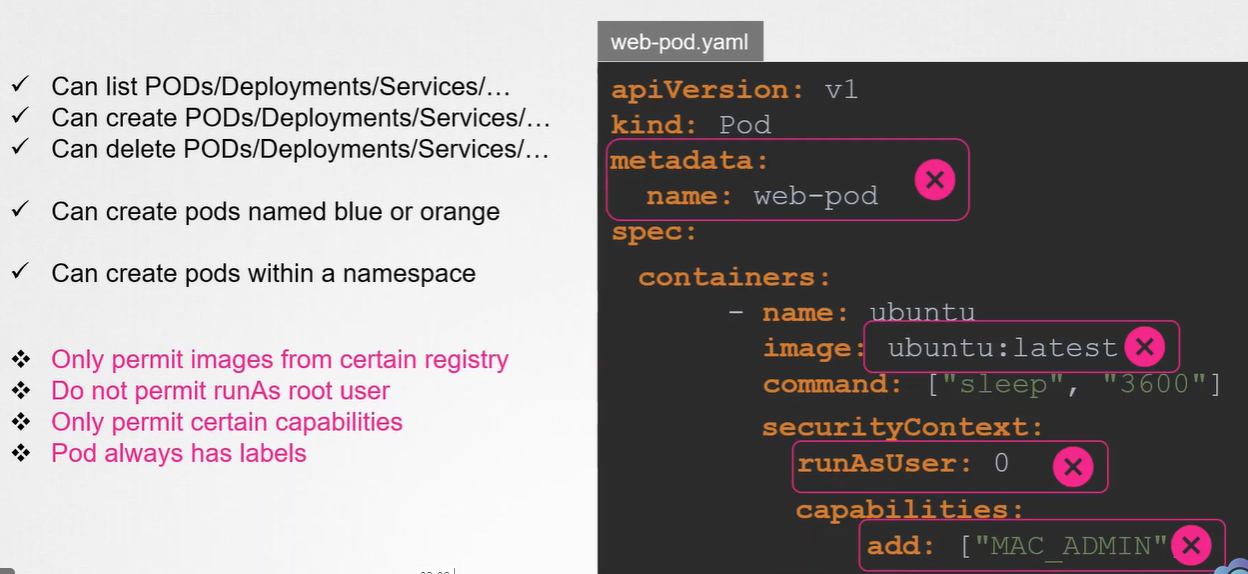
**K8S Security Context & Admission Controllers**

Security Context

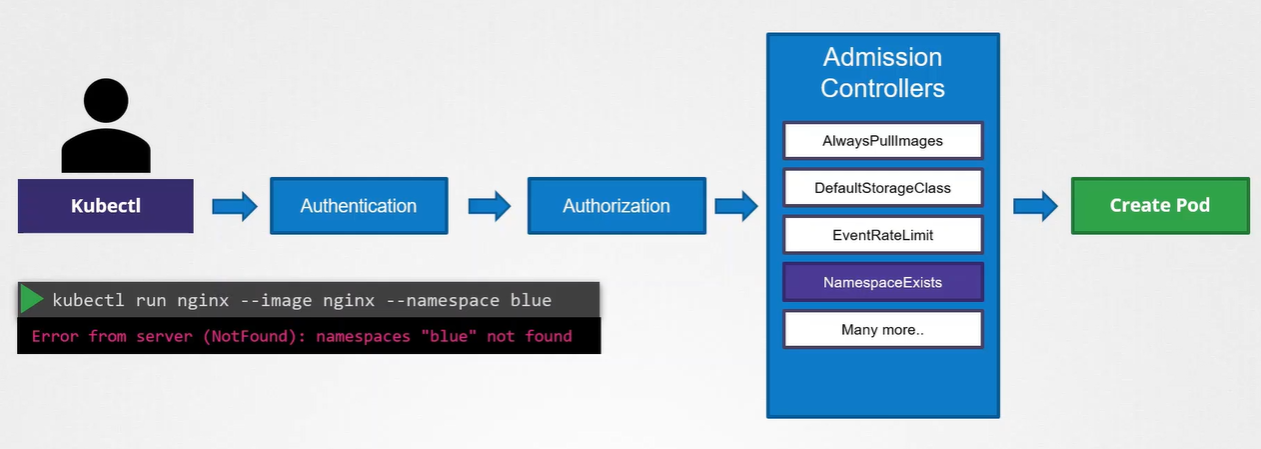


Admission Controllers

RBAC(Role based access control) Restriction

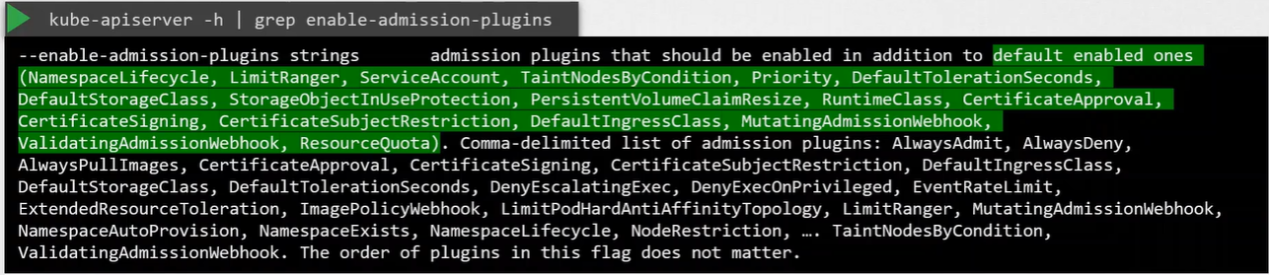


Therefore, we need admission controllers

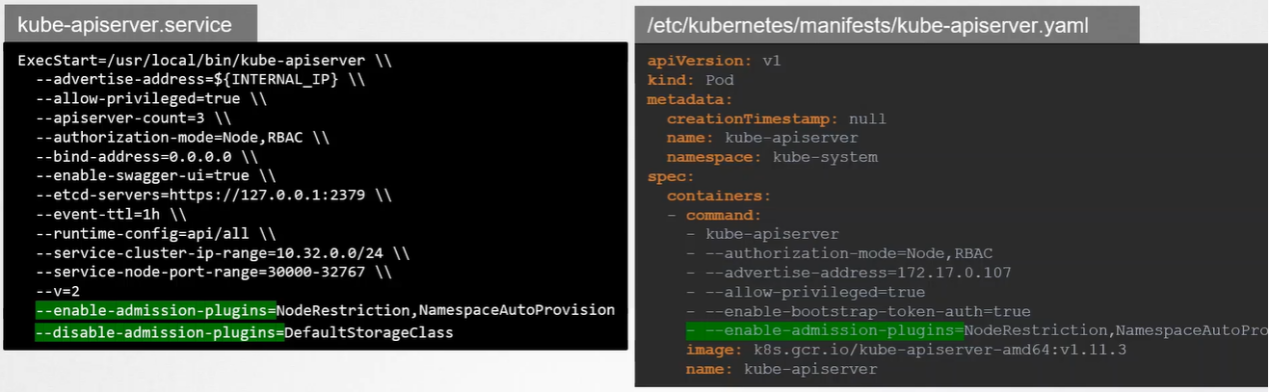


View enabled admission controllers

kube-apiserver –h | grep enable-admission-plugins



Enable & Disable Admission Controllers



**The type of admission controller**

1. Validating Admission Controller

It can help validate if the object already exists and reject the request if it doesn’t exist.

1. Mutating Admission Controller

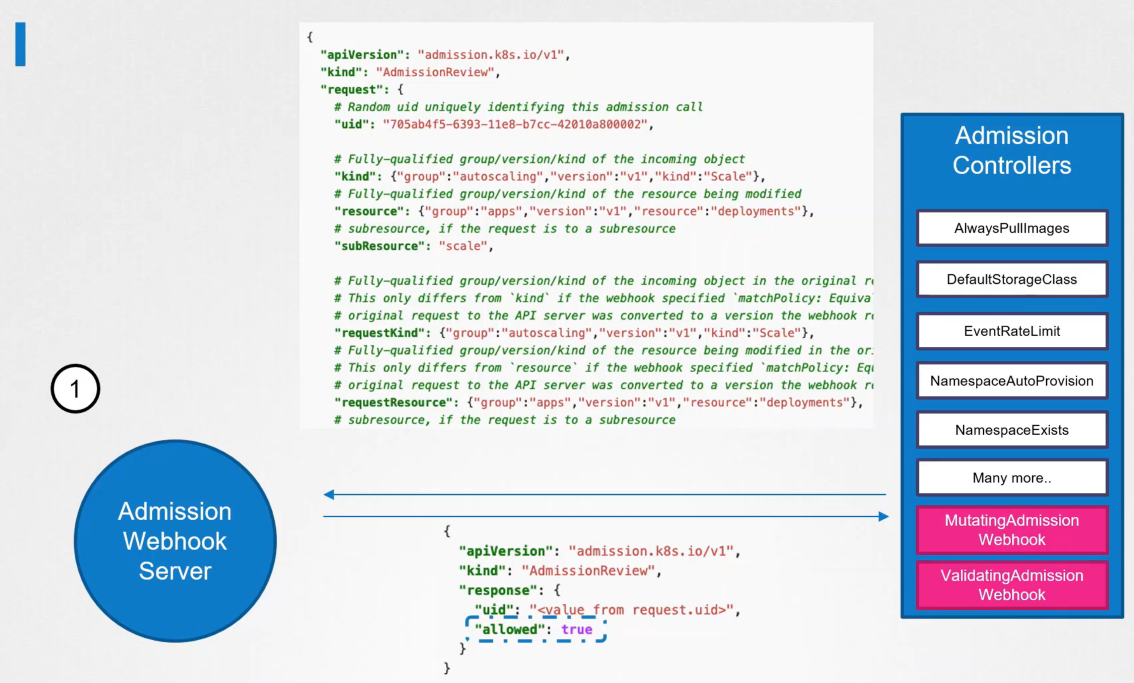
It can change or mutate the object itself before it is created

eg. StorageClass

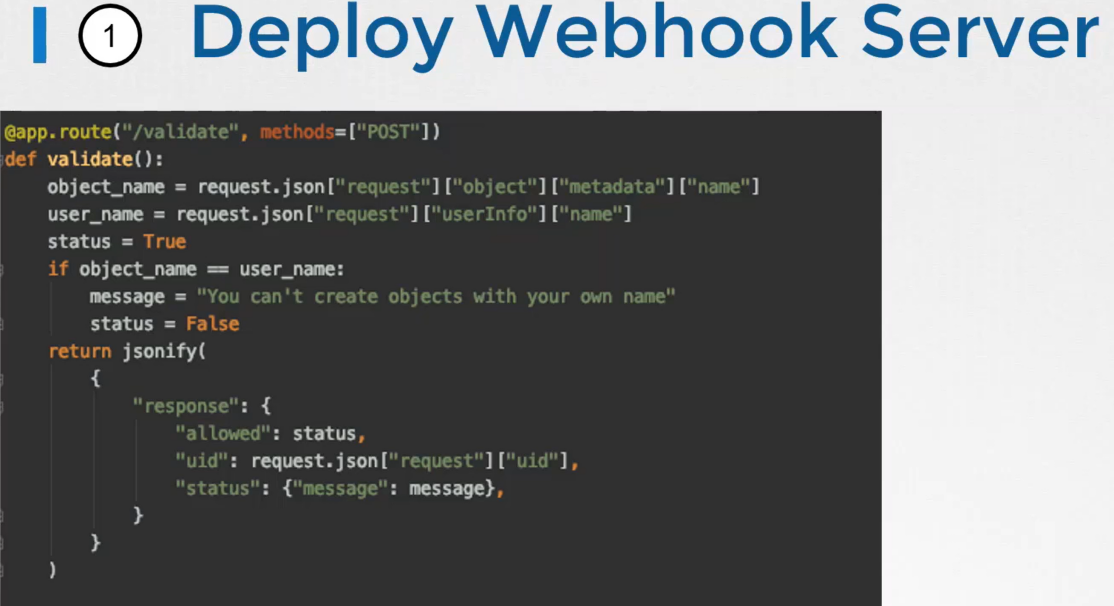
1. Both

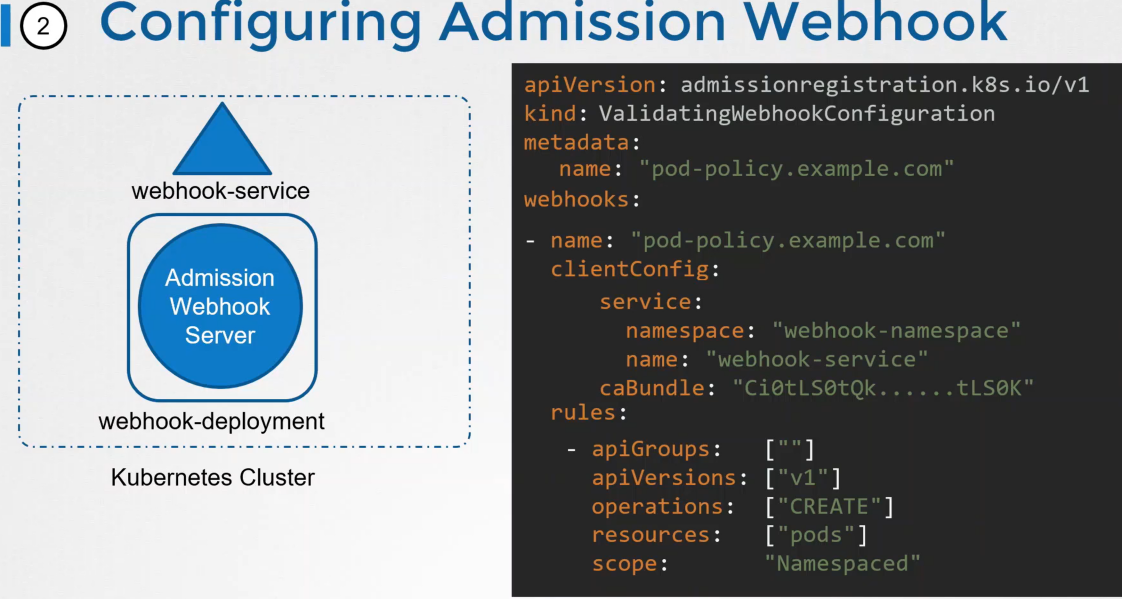
Mutating admission controller(NamespaceAutoProvision) ==> Validating admission controller(NamespaceExists)

**Customer Defined admission Controller**



1. Validating Admission Controller Webhook





1. Mutating Admission Controller Webhook



<https://docs.giantswarm.io/advanced/custom-admission-controller/>

1. Image Policy Webhook

<https://stackoverflow.com/questions/54463125/how-to-reject-docker-registries-in-kubernetes>