# Kubernetes RBAC Verbs

In Kubernetes, 'verbs' define what operations you can perform on resources within the cluster. These are used in Role-Based Access Control (RBAC) to grant specific permissions. Here is a list of commonly used verbs in Kubernetes RBAC, along with their uses:

## get

Retrieves a specific resource. Used to view the details of a single instance of a resource (e.g., a specific pod).

## list

Retrieves a list of resources. Used to view all resources within a namespace (e.g., all pods).

## watch

Watches for changes to a resource. Used for real-time updates on resource status changes.

## create

Creates a new instance of a resource. Used to make new resources like pods, services, or deployments.

## update

Updates an existing resource. Used to modify existing resources (e.g., a deployment's configuration).

## patch

Applies a partial update to a resource. Used for making updates to specific fields of a resource.

## delete

Deletes a resource. Used to remove resources from the cluster.

## deletecollection

Deletes a collection of resources. Used to remove all resources of a specific type within a namespace.