



ReplicaSet In Kubernetes

Replication Controller:

- Replication Controller is a key part of Kubernetes that ensures a specific number of pod replicas are always running.
- It helps maintain the desired state of the application by automatically managing pod creation and termination.
- Example: If we want to run 3 replicas of a web server, the Replication Controller ensures that 3 replicas are maintained even if any of them fail.

ReplicaSet:

- ReplicaSet is an improved version of the Replication Controller in Kubernetes.
- It manages pod replicas and ensures their availability and scalability.
- Key Points:
 - ReplicaSets use labels and selectors to identify and manage pods.
 - They provide more flexibility in specifying the selection criteria for the pods.
 - ReplicaSets are recommended for managing pod replicas in newer Kubernetes versions.

Practical Questions:

- For practical examples and related commands, refer to the GitHub repository [<https://github.com/devopsproinc/certified-kubernetes-administrator>].

