

Deployments

Deployments represent a set of multiple, **identical Pods** with no unique identities.

A Deployment runs **multiple replicas** of your application and **automatically** replaces any instances that **fail** or become **unresponsive**.

Deployments help ensure that one or more instances of your application are **available** to serve user requests.

In a **deployment**, you can describe the **desired state** for your application and Kubernetes will **constantly check** if this state is **matched**.

