**Recreate Strategy**

✔️ **Correct**: When you change the image version in the deployment and apply it, all existing pods are **deleted first**, and then recreated. ✔️ **Correct**: This approach **causes downtime** since no pods are running during that transitional moment.

**RollingUpdate Strategy**

✔️ **Correct**: Updates happen **gradually**, replacing pods **one by one or in small batches**. ✔️ **Correct**: This ensures **zero downtime**, keeping your app available during deployment.

✔️ **Correction**:

* A **ReplicaSet doesn’t update its pod template spec (like image version) once created**.
* If you change the image in the spec and reapply it manually to the existing ReplicaSet, it will **not update the running pods**.
* **Deployments** manage ReplicaSets. When the deployment's image version changes, it **creates a new ReplicaSet**, and gradually scales the old one down.

So, if you're only using a ReplicaSet directly (without a Deployment), updating the image requires **manual intervention** (like deleting pods or creating a new ReplicaSet altogether).