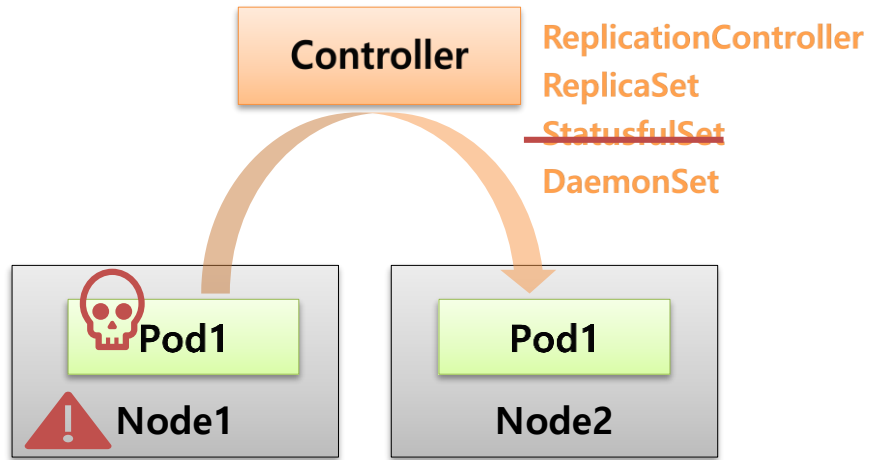
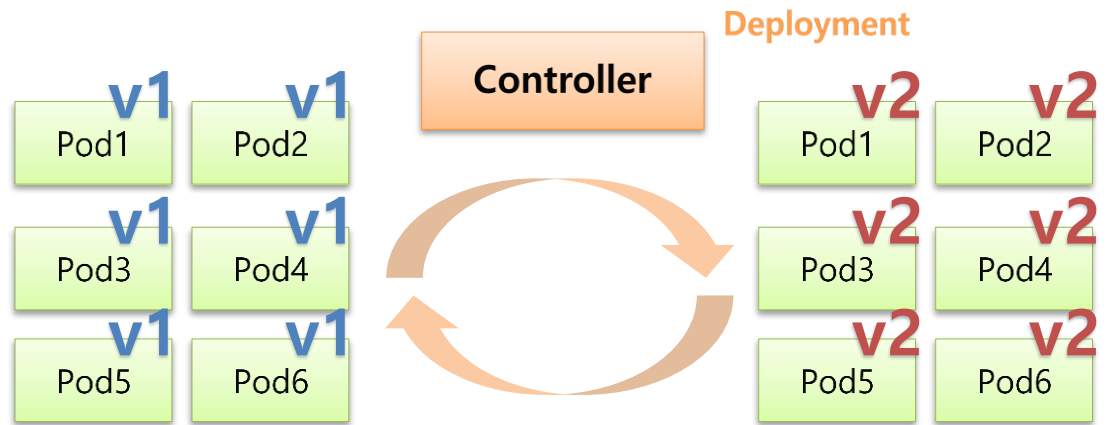


6. Controller

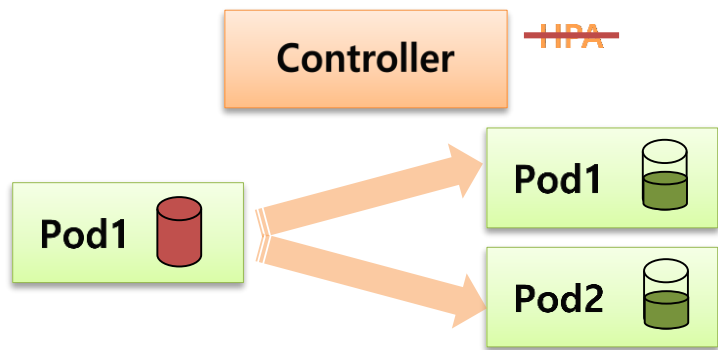
⊕ Auto Healing



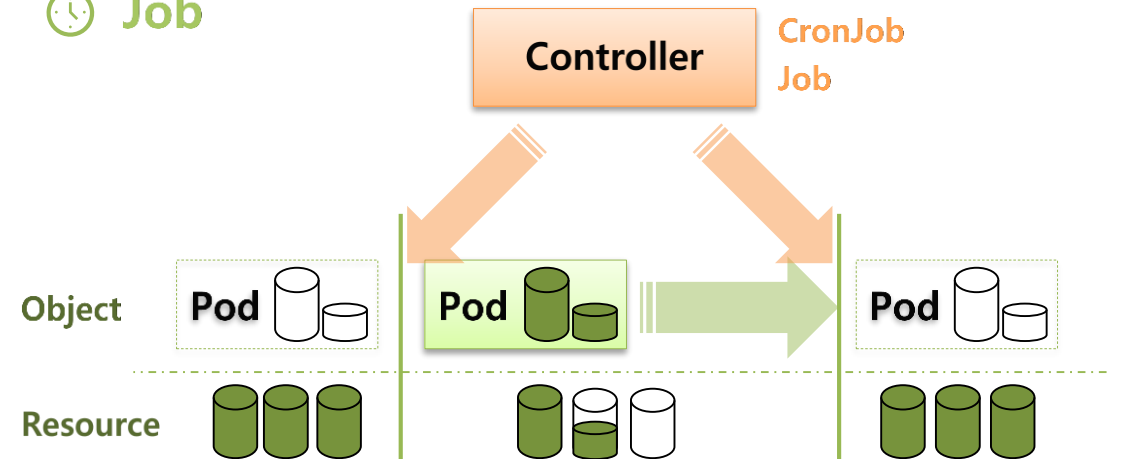
🔄 Software Update



🌿 Auto Scaling

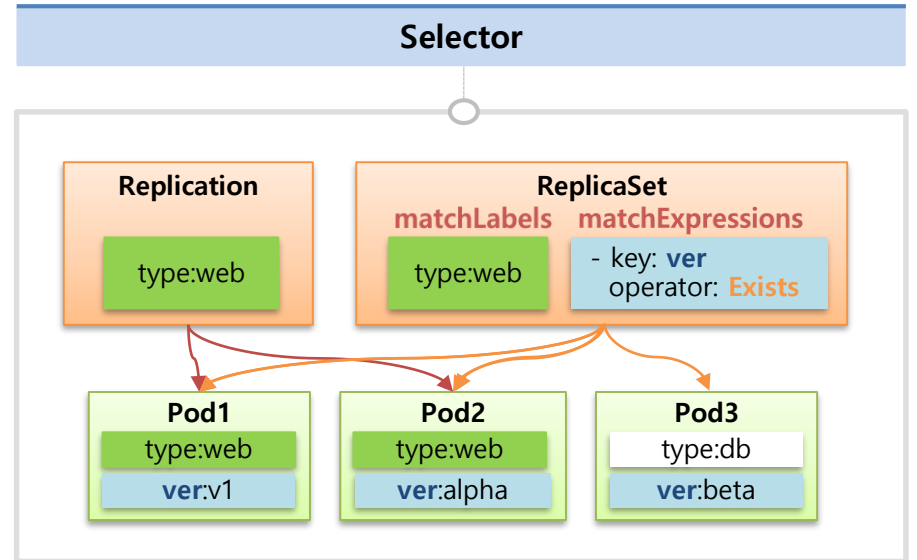
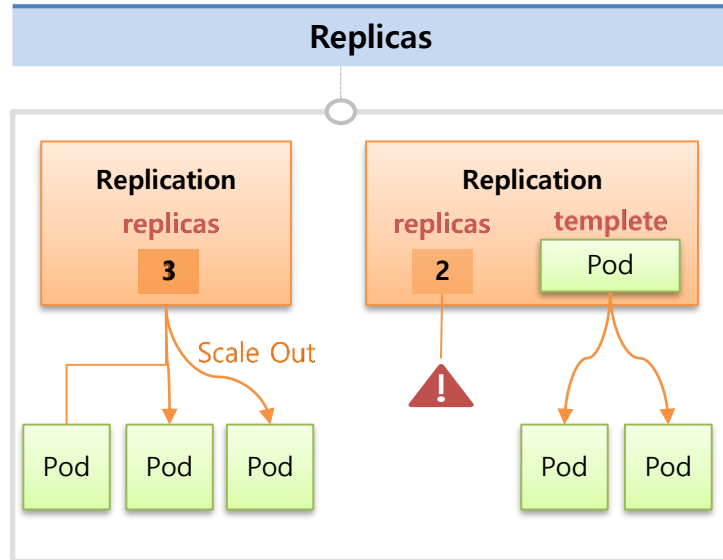
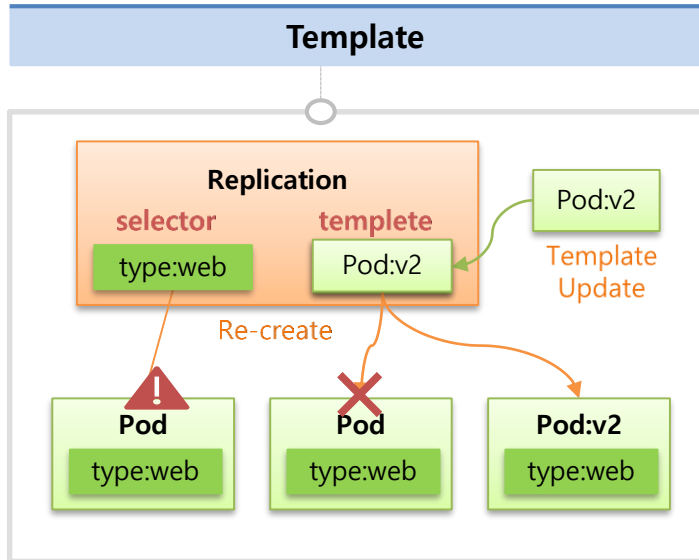


🕒 Job



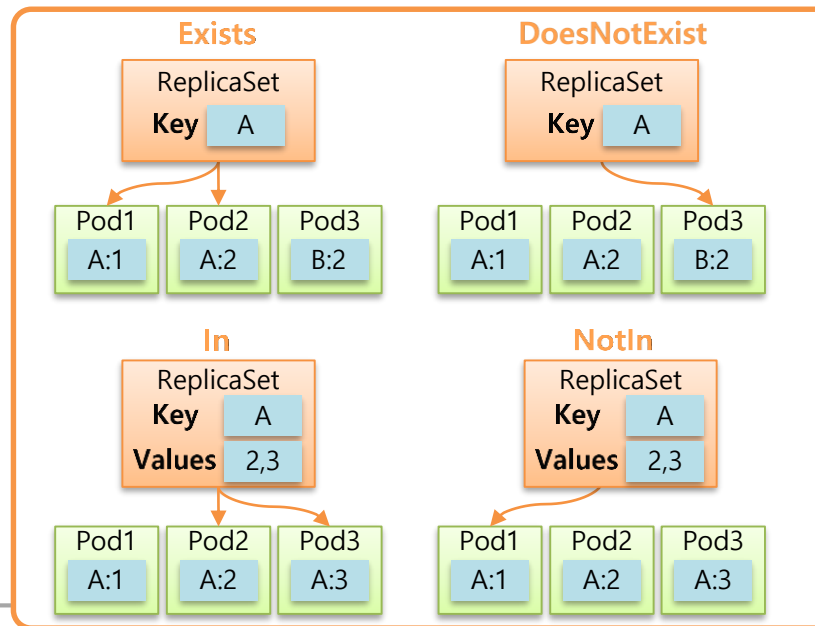
6. Controller - Replication Controller, ReplicaSet

⚠ **Deprecated** ➔ **Replaced**



```
apiVersion: v1
kind: Pod
metadata:
  name: pod-1
  labels:
    type: web
spec:
  containers:
  - name: container
    image: tmkube/app:v1
```

```
apiVersion: v1
kind: ReplicationController
metadata:
  name: replication-1
spec:
  replicas: 1 -> 3
  selector:
    type: web
  template:
    metadata:
      name: pod-1
      labels:
        type: web
    spec:
      containers:
      - name: container
        image: tmkube/app:v2
```



```
apiVersion: apps/v1
kind: ReplicaSet
metadata:
  name: replica-1
spec:
  replicas: 3
  selector:
    matchLabels:
      type: web
    matchExpressions:
      - {key: ver, operator: Exists}
  template:
    metadata:
      name: pod
    ...
```