

Spec:

- **minReadySeconds** <integer>

Minimum number of seconds for which a newly created pod should be ready without any of its container crashing, for it to be considered available. Defaults to 0 (pod will be considered available as soon as it is ready)

- **paused** <boolean>

Indicates that the deployment is paused.

- **progressDeadlineSeconds** <integer>

The maximum time in seconds for a deployment to make progress before it is considered to be failed. The deployment controller will continue to process failed deployments and a condition with a ProgressDeadlineExceeded reason will be surfaced in the deployment status. Note that progress will not be estimated during the time a deployment is paused. Defaults to 600s.

- **replicas** <integer>

Number of desired pods. This is a pointer to distinguish between explicit zero and not specified. Defaults to 1.

- **revisionHistoryLimit** <integer>

The number of old ReplicaSets to retain to allow rollback. This is a pointer to distinguish between explicit zero and not specified. Defaults to 10.

- **selector** <Object> -required-

Label selector for pods. Existing ReplicaSets whose pods are selected by this will be the ones affected by this deployment. It must match the pod template's labels.

- **matchExpressions** <[]Object>

matchExpressions is a list of label selector requirements. The requirements are ANDed.

- **matchLabels** <map[string]string>

matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.

- **strategy** <Object>

The deployment strategy to use to replace existing pods with new ones.

- **rollingUpdate** <Object>

Rolling update config params. Present only if DeploymentStrategyType = RollingUpdate.

- **type** <string>

Type of deployment. Can be "Recreate" or "RollingUpdate". Default is RollingUpdate.

- **template** <Object> -required-

Template describes the pods that will be created.