



[Course](#) > [Chapter 1: G...](#) > [Describing K...](#) > OpenShift R...

OpenShift Resource Types

The main resource types added by OCP to Kubernetes are as follows:

Deployment Configurations (dc)

Represent a set of pods created from the same container image, managing workflows such as rolling updates. A **dc** also provides a basic but extensible Continuous Delivery workflow.

Build Configurations (bc)

Used by the OpenShift Source-to-Image (S2I) feature to build a container image from application source code stored in a Git server. A **bc** works together with a **dc** to provide a basic but extensible Continuous Integration/Continuous Delivery workflow.

Routes

Represent a DNS host name recognized by the OpenShift router as an ingress point for applications and microservices.

Although Kubernetes replication controllers can be created standalone in OpenShift, they are usually created by higher-level resources such as deployment controllers.

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