

During the deployment process, the new replication controller is incrementally scaled up. After the new pods are marked as **ready** (by passing their readiness check), the deployment process continues.

If the pods do not become ready, the process aborts, and the deployment rolls back to its previous version.

3.3.1.3. Starting a rolling deployment using the Developer perspective

Prerequisites

- Ensure that you are in the **Developer** perspective of the web console.
- Ensure that you have created an application using the **Add** view and see it deployed in the **Topology** view.

Procedure

To start a rolling deployment to upgrade an application:

1. In the **Topology** view of the **Developer** perspective, click on the application node to see the **Overview** tab in the side panel. Note that the **Update Strategy** is set to the default **Rolling** strategy.
2. In the **Actions** drop-down menu, select **Start Rollout** to start a rolling update. The rolling deployment spins up the new version of the application and then terminates the old one.

Figure 3.1. Rolling update

The screenshot shows the OpenShift web console interface. On the left, a sidebar displays a topology view with a node for 'nodejs-ex1'. The main panel is titled 'nodejs-ex1' and has tabs for 'Overview' and 'Resources'. The 'Overview' tab is active, showing a diagram of a rolling update from 0 pods to 1 pod. Below the diagram, the following details are listed:

- Name:** nodejs-ex1
- Latest Version:** 2
- Namespace:** test-project
- Message:** manual change
- Labels:**
 - app=nodejs-ex1
 - app.kubernetes.io/com... =nodejs...
 - app.kubernetes.io/inst... =nodejs-...
 - app.kubernetes.io/name=nodejs
 - app.openshift.io/runtime=nodejs
 - app.openshift.io/runtime-... =10-S...
- Update Strategy:** Rolling
- Min Ready Seconds:** Not Configured
- Triggers:** ImageChange, ConfigChange
- Pod Selector:** app=nodejs-ex1, deploymentconfig=nodejs-ex1