

# Promote Release

## What is an Octopus Deployment Promotion

Once an Octopus Release has been created, and deployed, a promotion copies the release to another environment. An example use case for this could be promoting a release from the Test Environment to the Production Environment.

The process is very similar to an Octopus deployment (in that the same process steps performed at the Octopus end still occur, eg sending notification emails etc), however we do not need to specifically state what versions of packages are to be promoted.

## How to Create an Octopus Promotion

Within the respective build event handler select the 'Promote' checkbox (this will cause the promotion property tabs to appear at the top of the dialogue).

*Note: Promotions created from ContinuaCI can target any deployments within the Octopus server specified, they need have originated from ContinuaCI originally.*

The screenshot shows the 'New Build Event Handler' dialog box with the 'Promote' tab selected. The 'Promote' tab is highlighted with a red box. The 'Promote' checkbox is also checked and highlighted with a red box. The 'Actions' section shows 'Create', 'Deploy', and 'Promote' checkboxes, with 'Promote' being checked. The 'Octopus Deploy Url' field contains 'http://myoctopus/api', the 'API Key' field contains '\*\*\*\*\*', and the 'Project Name' field contains 'aprojectname'. The 'Name of Deployment Project' field is empty. The 'Required Field' indicator is visible next to the 'Octopus Deploy Url' and 'Project Name' fields. The 'Save', 'Cancel', and 'Help' buttons are visible at the bottom right.

Build Event Handler	Octopus Deploy	Create	Create Options	Deploy	Deploy Options	Promote	Promote Options	Variables
Octopus Deploy Url	http://myoctopus/api							Required Field
Octopus Deploy API url								
API Key	*****							
Octopus Deploy API access token								
Project Name	aprojectname							Required Field
Name of Deployment Project								
Actions	<input checked="" type="checkbox"/> Create	<input checked="" type="checkbox"/> Deploy	<input checked="" type="checkbox"/> Promote					
Actions to carry out when this event handler runs								

Save Cancel Help

Promote

**New Build Event Handler**

Build Event Handler   Octopus Deploy   Create   Create Options   Deploy   Deploy Options   **Promote**   Promote Options   Variables   Conditions

Required Field

**Promote From**  

The environment that the release is currently deployed to, e.g. Development

**Promote To**  

Names of environments to promote to, e.g. Production

Force Package Download  
Tick to force downloading of already installed packages.

Force Re-deployment  
Tick to override the project setting to skip packages with already-installed versions and to force re-deployment.

**Specific Machines**  

A list of machine names to target in the deployed environment. If not specified all machines in the environment will be considered.

**Deployment Notes**  

 Save    Cancel    Help

### Promote From

The name of the Octopus environment from which to Promote from. This name can be found from the 'Environments' tab within your Octopus Deploy server (example below).

### Promote To

The name of the Octopus environment from which to Promote To. This name can be found from the 'Environments' tab within your Octopus Deploy server (example below)

The screenshot displays the Octopus Deploy interface for managing environments. At the top, there is a navigation bar with the Octopus Deploy logo and menu items: Dashboard, Environments (active), Projects, Library, and Tasks. On the right, the user 'Peter Toms' is logged in, and there is a Configuration link. Below the navigation bar, the 'Environments' section is titled, with 'Reorder' and 'Add environment' links. Two environment cards are visible: 'Test' and 'Test 2'. Each card has an 'Edit' link, a 'Check health' button, and an 'Add machine' button. The 'Test' environment contains two machines, each represented by a computer icon with a green checkmark. The 'Test 2' environment contains one machine, also represented by a computer icon with a green checkmark.

### Force Package Download

Override the Octopus default and force the packages to be re-downloaded onto all machines listed in the 'Promote To' environment (even if the NuGet package already exists on the machines).

### Force Re-deployment

Override the Octopus default, and force the packages to be re-deployed onto all machines as listed in the 'Promote To' environment (even if the same package was already deployed to these machines).

### Specific machines

Override the Octopus default, and promote the deployment to specific machines within the targeted 'Promote To' environment. One use case for this could be a 'fan out' deployment scenario.

## Promote Options

**New Build Event Handler**

Build Event Handler   Octopus Deploy   Create   Create Options   Deploy   Deploy Options   Promote   **Promote Options**   Variables

Build Event Required Field

Build Status

Wait for Results

Fail Build on Error

Log Build Messages

### Build Event

The [Build Event](#) on which to trigger this Build Event handler.

### Build Status

Indicates the build status on which to trigger this build event handler.

### Wait for Results

Should the event handler wait for the result before proceeding. Unchecking this option will run the Event Handler in a separate thread.

### Fail Build on Error

Whether or not to Fail the build if this event handler fails.

### Log Build Messages

Whether or not logs for this event handler will be displayed in the build log.