

# Getting started

With Deployment Manager, you can automate software deployments into development, test, staging and production environments.

## 1. Install the Deployment Manager server

Download the Deployment Manager installer from [the Redgate website](#).

On the server you want to use to host the Deployment Manager web interface, run the *DeploymentManager.msi* installer.

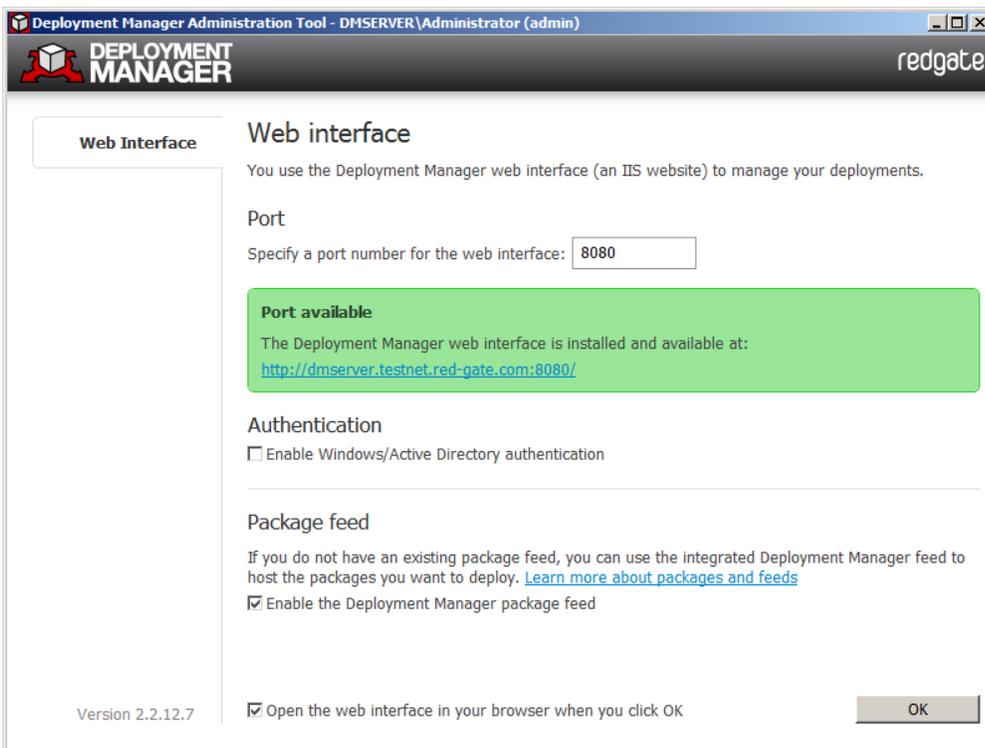
### Requirements

For a list of software requirements for a Deployment Manager server, see [Requirements](#).

Follow the instructions to complete the installation.

 For more information, see [Installing](#).

An administration tool is displayed when the installation is complete:



In the administration tool, specify the port you want to use for the Deployment Manager web interface, and then click **OK**.

The Deployment Manager web interface launches in your web browser. If you encounter a problem viewing the web interface, see [Troubleshooting](#).

## 2. Create an administrator user

The first time you visit the web interface, you must create an administrator user account:

### Create an administrator account

Administrators have unrestricted access to the Deployment Manager web interface.

Username \*  

Email address \*  

Password \*

Confirm Password \*

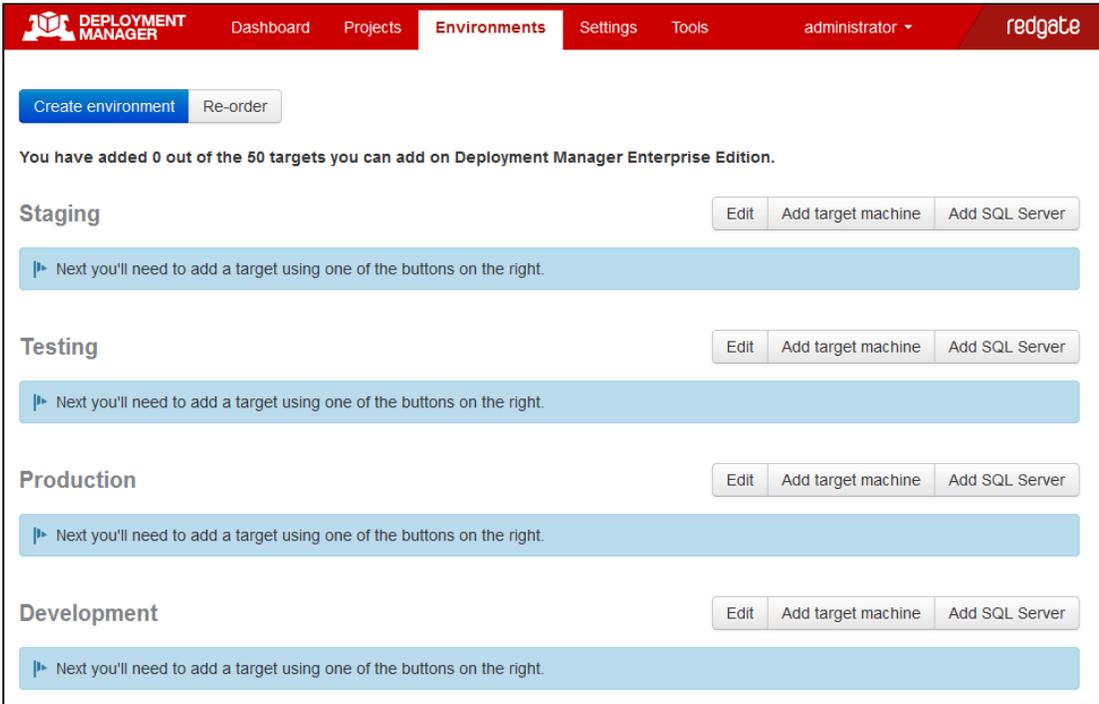
[Create account](#)

Enter details for the administrator, and click **Create account**. Click **Continue to Deployment Manager** on the page that is displayed.

-  If you want to use Windows authentication instead, see [Switching to Windows authentication mode](#).
-  For a list of what administrator users can do, see [Permissions](#).

### 3. Add environments

You need to add some environments. These are groups of machines that you can deploy to. For example, this allows you to group several machines as *Development*, *Testing*, *Staging* and *Production*:



To add some environments, see [Setting up environments](#).

### 4. Add machines to your environments

Next, you need to add machines to your environments:

- To add SQL Servers, see [Adding a SQL Server](#).
- To add general target machines, such as a web servers, see [Adding a target machine](#).

## 5. Create deployment packages

Next, you need to create and publish the packages you want to deploy.

Packages can contain databases or applications.

To package and publish a database, you can:

- Use the [SSMS add-in](#) and publish it from the context menu in SQL Server Management Studio.
- [Set up an automated process in TeamCity](#).
- [Set up an automated process in MSBuild](#).

To package and publish an application, you can:

- Use the [Visual Studio extension](#) and publish it from from the context menu in Visual Studio.
- Use the [RgPublish.exe](#) tool.



If you're creating and publishing packages for the first time, we recommend using the SSMS add-in or the Visual Studio extension.

## 6. Create a project

Once you've created and published the packages you want to deploy, you need to create a project.

Projects contain the deployment steps you want Deployment Manager to perform.

To add a project, see [Creating projects](#).

## 7. Adding steps

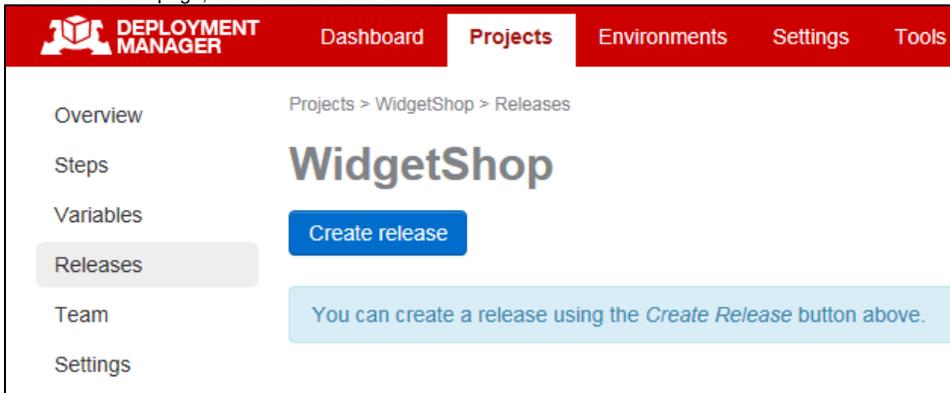
To deploy a package you have published, you need to add a step to your project. Projects can have multiple steps to deploy multiple packages.

- To deploy a database package, see [configuring a database package step](#).
- To deploy an application package, see [configuring a package step](#).

## 8. Create and deploy a release

Next, create a release:

1. On the Releases page, click **Create release**:



2. Enter a version number for the release, select the version of the package you want to deploy, and then click **Create release**. You can now deploy the release.

3. On the page for the release you want to deploy, on the menu bar, click **Deploy this release**:

The screenshot shows the Deployment Manager interface. At the top, there is a red navigation bar with the logo and menu items: Dashboard, Projects, Environments, Settings, and Tools. Below the navigation bar, a green notification banner states "The release has been created." The main content area has a left sidebar with navigation options: Overview, Steps, Variables, Releases (highlighted), Team, and Settings. The main content area displays the breadcrumb "Projects > WidgetShop > Releases > 1.0", the title "WidgetShop", and a blue button labeled "Deploy this release". Below this, it shows "Release 1.0" with details: "Created Tuesday, September 24, 2013 5:17 PM +01:00" and "By user administrator". A "Deployment history" section is visible at the bottom with a blue instruction: "Use the *Deploy this release* button above to deploy this release to an environment."

4. Select the environment you want to deploy to, add any comments you want, and click **Deploy release**. Deployment Manager executes the deployment, and displays output logging information:

The screenshot shows the Deployment Manager interface after a deployment. The top navigation bar is red and includes the logo, menu items (Dashboard, Projects, Environments, Settings, Tools), the user name "administrator", and the "redgate" logo. A green notification banner at the top says "The deployment has been scheduled for execution." The main content area has a left sidebar with navigation options: Overview, Steps, Variables, Releases (highlighted), Team, and Settings. The main content area displays the breadcrumb "Projects > WidgetShop > Releases > 1.0 > Deploy to Staging", the title "WidgetShop", and a blue button labeled "Deploy to". Below this, it shows "Deploy to Staging" with a list of steps: "Deployment started", "Download packages from NuGet", "Upload packages to target machines", "Install: WidgetShop.WebApplication version 1.0", and "Deployment complete". To the right, a "Details" section shows: "Started: Tuesday, September 24, 2013 5:22 PM +01:00", "By user: administrator", "Duration: 6 seconds", and "Completed: Tuesday, September 24, 2013 5:22 PM +01:00". Below the details is a link "What's in this release?". At the bottom, an "Output" section has links "Expand all | Expand errors | Collapse all | Raw" and a list of stages: "Stage 1: Downloading packages from NuGet servers", "Stage 2: Uploading packages to target machines", and "Stage 3: Installation".

You've now deployed your first release with Deployment Manager.