

# 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

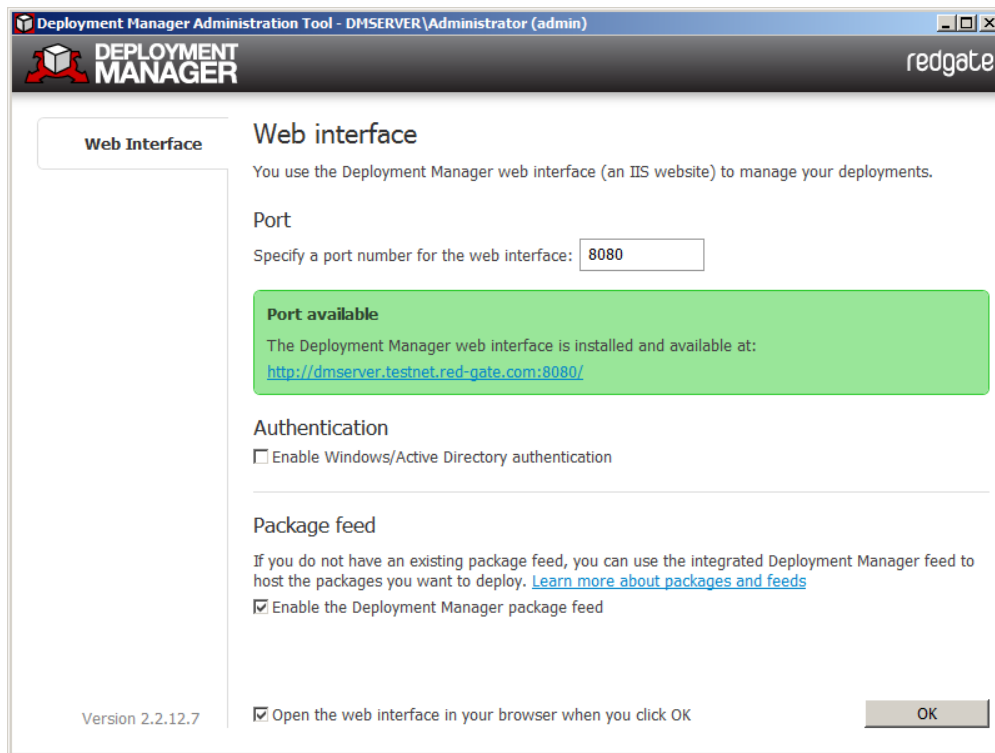
For a list of software requirements for a Deployment Manager server, see [Requirements](#).

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](#)

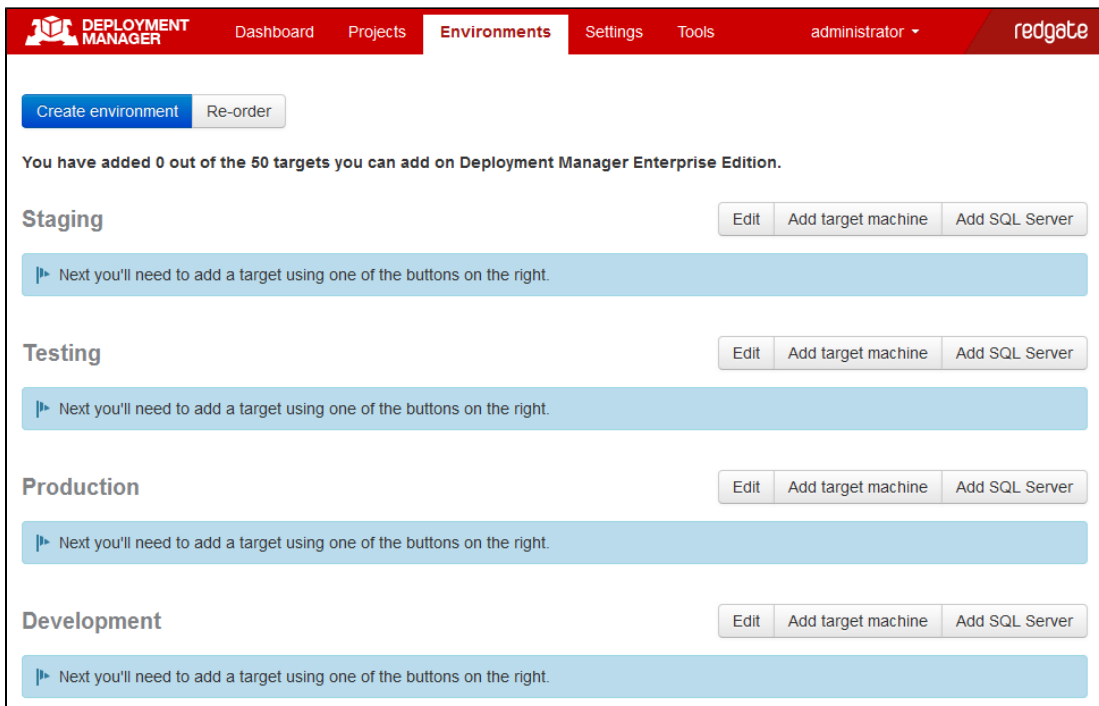
Enter details for the administrator, and click **Create account**. Click **Continue to Deployment Manager** on the page that is displayed.

 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*:



DEPLOYMENT MANAGER Dashboard Projects **Environments** Settings Tools administrator redgate

[Create environment](#) [Re-order](#)

You have added 0 out of the 50 targets you can add on Deployment Manager Enterprise Edition.

**Staging** [Edit](#) [Add target machine](#) [Add SQL Server](#)

▶ Next you'll need to add a target using one of the buttons on the right.

**Testing** [Edit](#) [Add target machine](#) [Add SQL Server](#)

▶ Next you'll need to add a target using one of the buttons on the right.

**Production** [Edit](#) [Add target machine](#) [Add SQL Server](#)

▶ Next you'll need to add a target using one of the buttons on the right.

**Development** [Edit](#) [Add target machine](#) [Add SQL Server](#)

▶ Next you'll need to add a target using one of the buttons on the right.

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 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

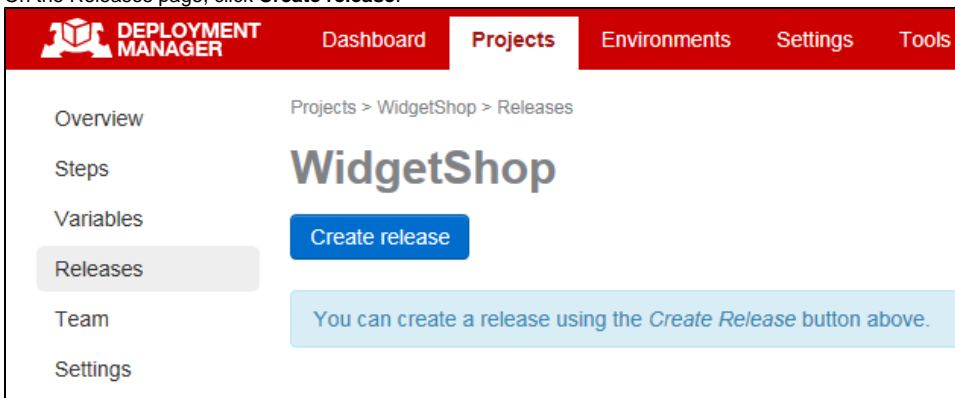
To deploy a package you have published, you need to add a step to your project. Projects can have multiple steps to deploy multiple packages.

- 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**:

DEPLOYMENT MANAGER Dashboard Projects Environments Settings Tools

The release has been created.

Overview Projects > WidgetShop > Releases > 1.0

Steps

Variables

Releases **Deploy this release**

Team

Settings

## WidgetShop

### Release 1.0

**Created** Tuesday, September 24, 2013 5:17 PM +01:00

**By user** administrator

### Deployment history

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:

DEPLOYMENT MANAGER Dashboard Projects Environments Settings Tools administrator redgate

The deployment has been scheduled for execution.

Overview Projects > WidgetShop > Releases > 1.0 > Deploy to Staging

Steps

Variables

Releases **Deploy to**

Team

Settings

## WidgetShop

### Deploy to Staging

- ✓ Deployment started
- ✓ Download packages from NuGet
- ✓ Upload packages to target machines
- ✓ Install: WidgetShop.WebApplication version 1.0
- ✓ Deployment complete

### Details

**Started:** Tuesday, September 24, 2013 5:22 PM +01:00

**By user:** administrator

**Duration:** 6 seconds

**Completed:** Tuesday, September 24, 2013 5:22 PM +01:00

[What's in this release?](#)

### Output

[Expand all](#) | [Expand errors](#) | [Collapse all](#) | [Raw](#)

- ▣ Stage 1: Downloading packages from NuGet servers
- ▣ Stage 2: Uploading packages to target machines
- ▣ Stage 3: Installation

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