

# Using the Deploy an Azure App Service step

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Octopus Deploy provides process steps to deploy to Microsoft Azure. A new step, **Deploy an Azure App Service**, is available to deploy containers to an Azure App service.

To do this, you need:

- An Octopus Deploy instance with a project and environment
- An Azure account
- To link the [Azure account to the Octopus Deploy instance](#)

## Setting up Azure Web App

To set up the Azure Web App that you'll deploy:

1. Navigate to your Resource Group, then click **Create**, then **Web App**.
2. Give the web app a name and check 'Docker Container' for the **Publish** setting.
3. Select the appropriate location and create the web app.
4. You'll see an option to go to the Resource. The URL will be the address of the hosted Web App.

terence-randomquotes

App Service

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Essentials

Resource group (change) : terence-test

Status : Running

Location : Australia Southeast

Subscription (change) : Team Commercial Platform - Sandbox

Subscription ID : bedb4544-285b-4fae-afa7-82e94b089f2c

Tags (Edit) : Click here to add tags

JSON View

URL : https://terence-randomquotes.azurewebsites.net

Health Check : Not Configured

App Service Plan : ASP-terencetest-9d49 (P1v2: 1)

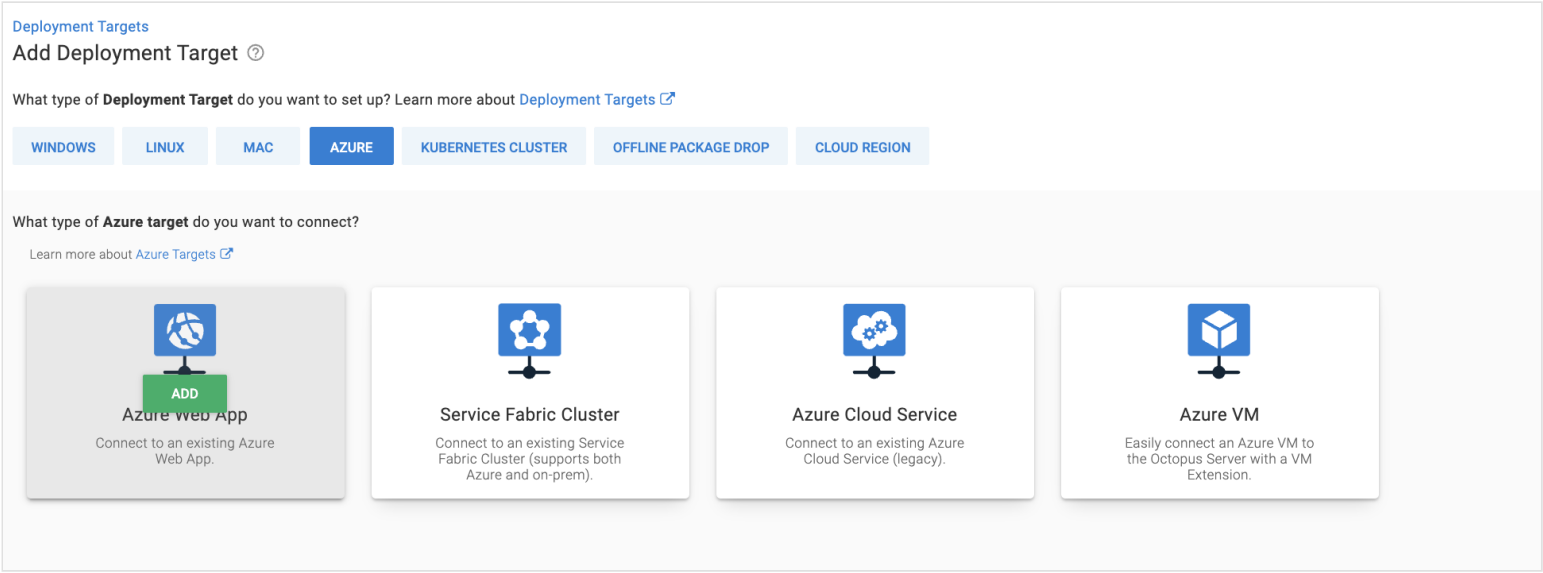
FTP/deployment username : No FTP/deployment user set

FTP hostname : ftp://waws-prod-m11-027.ftp.azurewebsites.windows.net/sit...

FTPS hostname : ftps://waws-prod-m11-027.ftp.azurewebsites.windows.net/sit...

## Configuring Octopus Deploy

In your Octopus Deploy instance, navigate to **Infrastructure**, then **Deployment Targets**, then **Add Deployment Target**. Select the **Azure** tab, then **Azure Web App**.



Populate the following fields:

- **Environments** - The environment you wish to deploy to
- **Target Roles** - The role that will identify the deployment target, you may need to create one if it doesn't exist
- **Account** - The linked Azure account in Octopus Deploy
- **Azure Web App** - The Web App that you created earlier

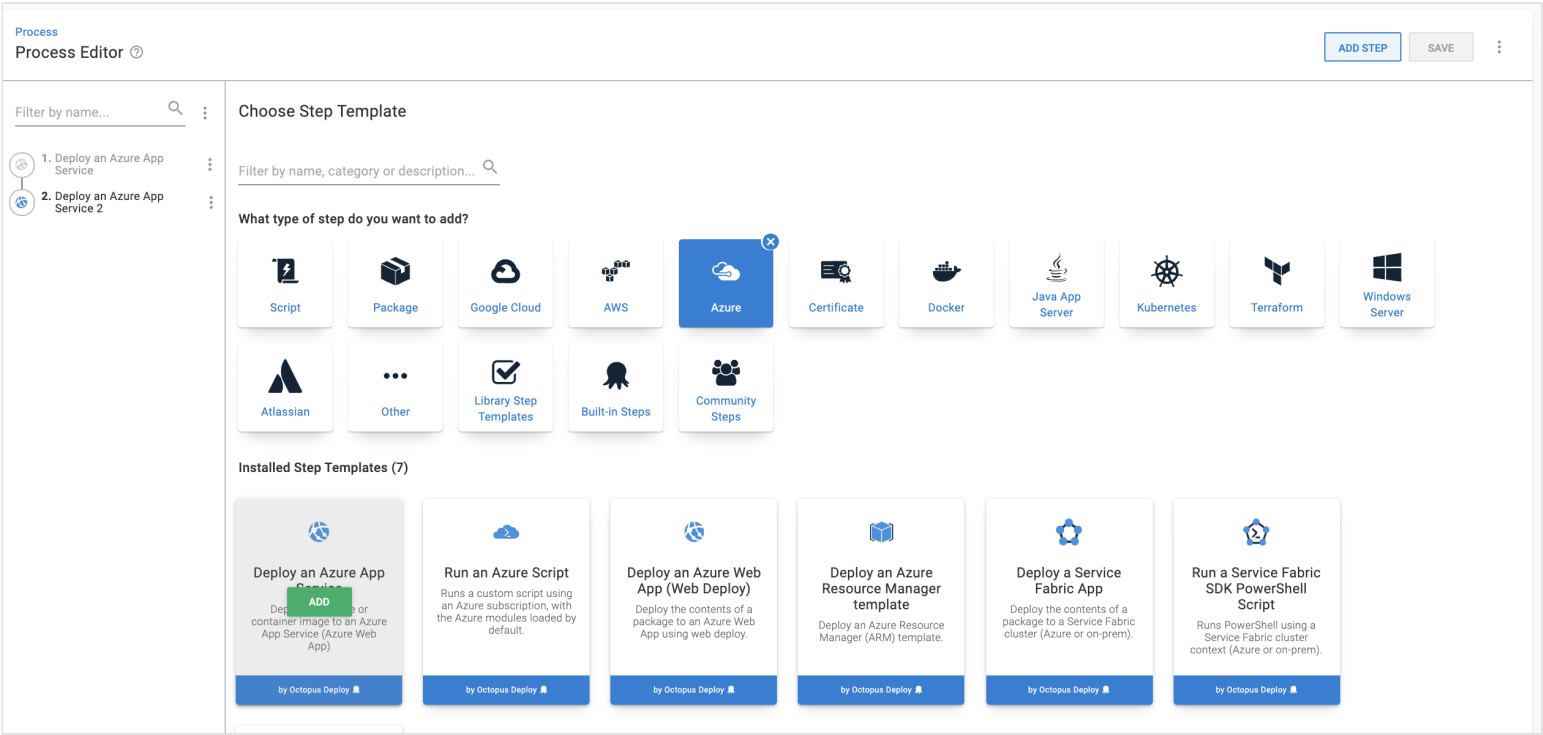
Go to **Library**, then **External Feed**, then **Add Feed**.

Populate the following fields:

- **Feed Type** - [Docker Container Registry](#)
- **Name** - Give the feed a name

This step activates the public Docker registry feed that you'll use later. Click **Save**.


Add the **Deploy an Azure App Service** step to your project process.



Populate the fields with the following values:

- **Worker Pool** - Runs on a Worker from a specific Worker Pool: [Hosted Ubuntu](#)
- **On Behalf Of** - The role you created in the deployment target step (mine is [azure](#))
- **Container Image** - Runs inside a container on a Worker: Container Registry: Docker Image: [octopusdeploy/worker-tools:3.2.0-ubuntu.18.04](#)
- **Package** - Deploy from a container image Package feed: docker Package ID: [octopussamples/randomquotes](#)



In this example, we deploy a sample Docker image hosted on Docker Hub. The image below shows the result of my configuration. Click **Save**.

DEPLOY AN AZURE APP SERVICE

1. Deploy an Azure App Service



EXPAND ALL

COLLAPSE ALL

Step Name	A short, memorable, unique name for this step. <div>Step name</div> <div>Deploy an Azure App Service</div>	^
Notes	None	v
Enabled	Yes (default)	v
Execution Location	This step will run on a <b>worker</b> from a worker pool on behalf of each deployment target	v
Worker Pool	 Hosted Ubuntu	v
On Behalf Of	 azure	v
Container Image	Image <b>octopusdeploy/worker-tools:3.2.0-ubuntu.18.04</b> selected, from <b>docker</b> container registry	v
Deployment		
Package	Package <b>octopussamples/randomquotes</b> from feed <b>docker</b>	v
Deployment Slot	No deployment slot configured	v

Click **Create Release** then click through to the **Deploy** button to deploy the Web App to Azure.

Release 0.0.10


 Deploy Azure App Service release 0.0.10 to Production 


TASK SUMMARY


TASK LOG

Task Progress

This task started 2 minutes ago and ran for 17 seconds

 Acquire packages

 Step 1: Deploy an Azure App Service

 Worker on behalf of docker-hello

# Viewing your Web App

Navigate to the URL of your Web App - `[your-url].azurewebsites.net`

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Here is one of the few effective keys to the design problem: the ability of the designer to recognize as many of the constraints as possible; his willingness and enthusiasm for working within these constraints.

— Charles Eames

Refresh


© 2018 - Random Quotes | Version 0.0.0 running in DEV

# Conclusion

In this post, you set up an Octopus Deploy project to deploy a Web App using the new **Deploy an Azure App Service** step.


Happy deployments!

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