Web Development: Module 2, Lesson 7  
Deploying to Azure Hands-On Lab

## Overview

Building on Module 2 Lesson 7, it's time to make the application public. This application will be a huge success. For this reason, we need a scalable solution which start small and cheap but rev up as the traffic increases. Which leads to deploying to the cloud.

## Objectives

In this hands-on lab you will learn how to:

* Learn how to use Azure CLI tool
* Prepare your project for deployment
* Deploy your project to cloud

## Prerequisites

The following are required to complete this hands-on lab:

* A text editor
* Windows PowerShell, Mac Terminal, or some other shell with node.js and npm installed
* Completion of all Module 2 Lessons as well as the Module 2 Lessons 1, 4 and 6 Labs.

## Exercises

This hands-on lab includes the following exercises:

* Exercise 1: Installing Azure CLI and Deploying a web app

## Exercise 1: Installing Azure CLI and Deploying a Web app

In this exercise, you will use npm to install the Azure CLI. You will use the Azure CLI to deploy the hello world app developed in lesson 7.

1. Open a shell and enter the command

npm i -g azure-cli@0.10.1

1. Log in to Azure CLI using the command

azure login

1. Prepare your project by initializing package.json with all the necessary information
2. Create a web.config file (optional).
3. Create Azure Site (app) with --git (or add Git remote manually)

azure site create –git {appname}

1. Get your Azure Git and FTP deploy password (if you don't have it already) through the Azure portal
2. Put Azure Storage env vars into this app's cloud settings (AZURE\_STORAGE\_ACCOUNT and AZURE\_STORAGE\_ACCESS\_KEY)

azure site appsetting list

azure site appsetting add NODE\_ENV = production

1. Add code to the local repository and deploy by pushing code to Azure

git push azure master

## Summary

In this hands-on lab, you learned how to:

* Learn how to use Azure CLI tool
* Prepare your project for deployment
* Deploy your project to Azure