**Objectives**

Get practice:

* Preparing your app for deployment
  + Using environment variables and multiple appsettings files
  + Hiding user secrets
  + Managing the framework target build version
* Deploying to different types of servers
  + Windows Server with IIS
  + Linux with Apache
* Using different deployment methods
  + Microsoft WebDeploy
  + FTP

**Instructions**

Deploy to IIS on Windows Server

* Set up an account on [Smarter ASP.NET](http://www.smarterasp.net/index?r=100953936) or another Windows Server hosting service.
* Create a database on the hosting service.
* Prepare your app for *framework dependent* deployment.
* Publish it!

Deploy to Apache on Linux

* Use the account prepared for you on citstudent.
* Use one of the databases prepared for you on citstudent.
* Prepare your app for *framework dependent* deployment.
* Publish it.
* Rebuild your app on the server
* Run it!

**Submission to Git and Moodle**

Beta Version, Test Results and Code Review

1. Submit online text or a document containing the URLs of your app on each server.
2. Commit your code to a branch of your Git repository named lab5-production.
3. Send a pull request to your lab partner and to the instructor.
4. When you get pull request from your lab partner, do a review of their code.
5. On Moodle, enter the URL of your lab partner’s git branch with your code review using “online text”. Please do not put it in a comment.

Production Version

1. Merge your work into the master branch, but keep the lab branch.
2. Enter the URL of your master branch on Moodle using “online text”. Please do not put it in a comment.
3. Enter the URLs of your web sites running online.