**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 a branch named lab5-master.
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.