DevOps Powershell Coding Challenge

Background

One goal of DevOps is to automate as much of the deploy process as possible. This includes configuring various Windows components.

The Challenge

Use powershell to deploy a website to IIS

Part 1 - Setup Directories

Using the attached xml file, create the defined directory structure.

- The script should allow the user to specify the root directory

Part 2 - Configure IIS

Your script should automate the following tasks:

- Create and configure a new AppPool
    - PipelineMode: Integrated
    - RuntimeVersion: v4.0
- Create and configure a new website
    - uses newly created AppPool
    - uses physical path created in Part 1
    - uses custom log folder
- Provide option to tear down the specified website (ie, remove the web application)

What we're looking for

- All variables and paths should be imported from a custom configuration file that you design.
- All actions should be logged so problems can be investigated