Food Watch Install Guide

Instructions and Prerequisites
July, 2015

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Overview

Food Watch is built to sit inside a container that provides the .NET Framework v4.5 and uses ASP.NET MVC 4 to serve its content. Once the content is delivered to an end-user, it's a fully client-side experience after that, leveraging the resources of the user's own device.

Deployment to IIS 7 or higher

Prerequisites

- Internet Information Services (IIS)
- .NET Framework 4.5
- ASP.NET MVC 4

Instructions

1. Unzip the Food Watch deployment artifact(s) to wherever you wish to have it reside.
2. Open the *Internet Information Services (IIS) Manager*.
3. In the *Connections* pane, expand the Server you want to host Food Watch on
4. Right-click on *Application Pools*, then click on *Add Application Pool…*
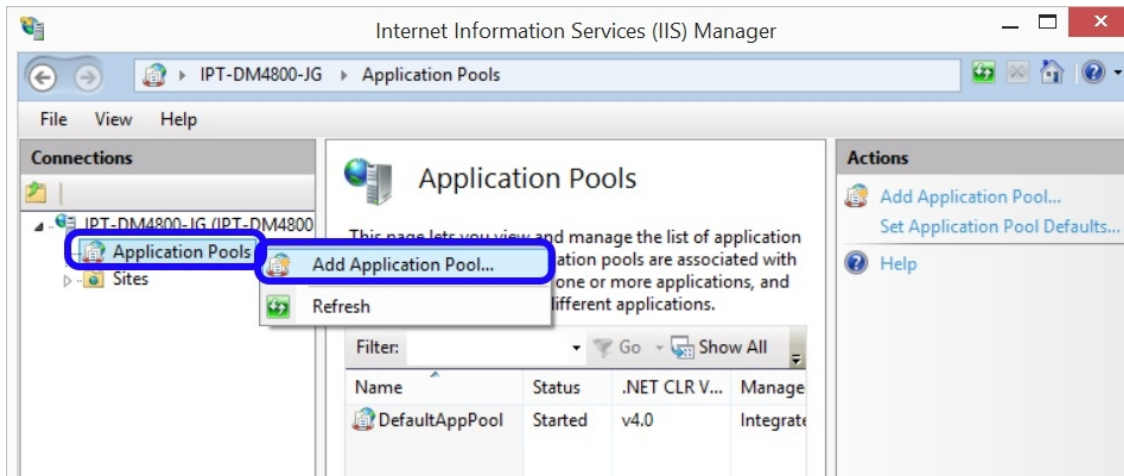
5. In the *Add Application Pool* dialog that appears, set the values to the following:
   a. *Name*: **FoodWatch**
   b. *.NET CLR version*: **v4.0.30319**
   c. *Managed pipeline mode*: **Integrated**
   d. *Start application pool immediately*: **Checked**
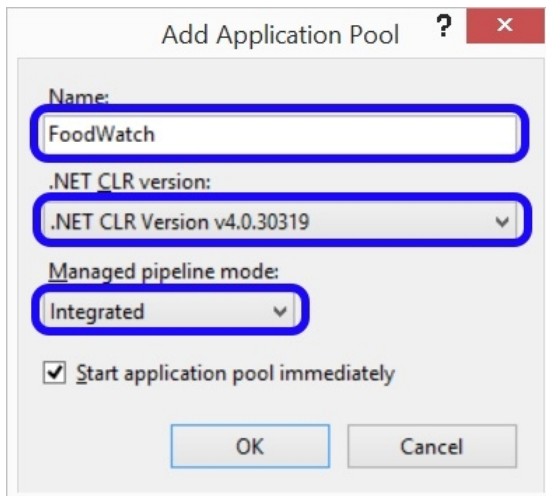
6. Click *Ok*
7. In the *Connection* pane, expand the Sites folder under the Server where you added the Application Pool.
8. Right-click on the Site you want to host the application under, then click on *Add Application…*
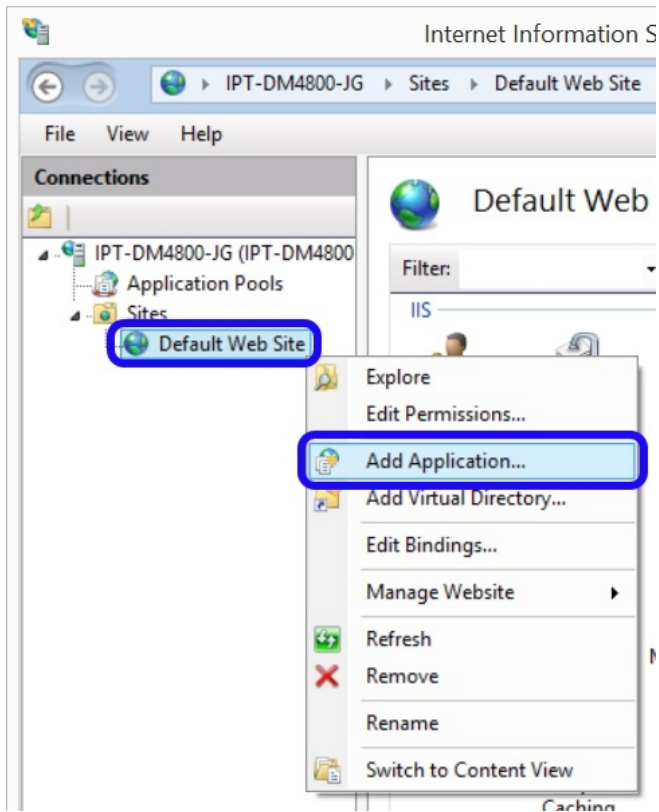
9. In the *Add Application* dialog that appears, set the values to the following...
    a. *Alias*: *FoodWatch*
    b. *Application pool*: *FoodWatch*
    c. *Physical path*: *<folder where you unzipped the Food Watch artifact(s)>*
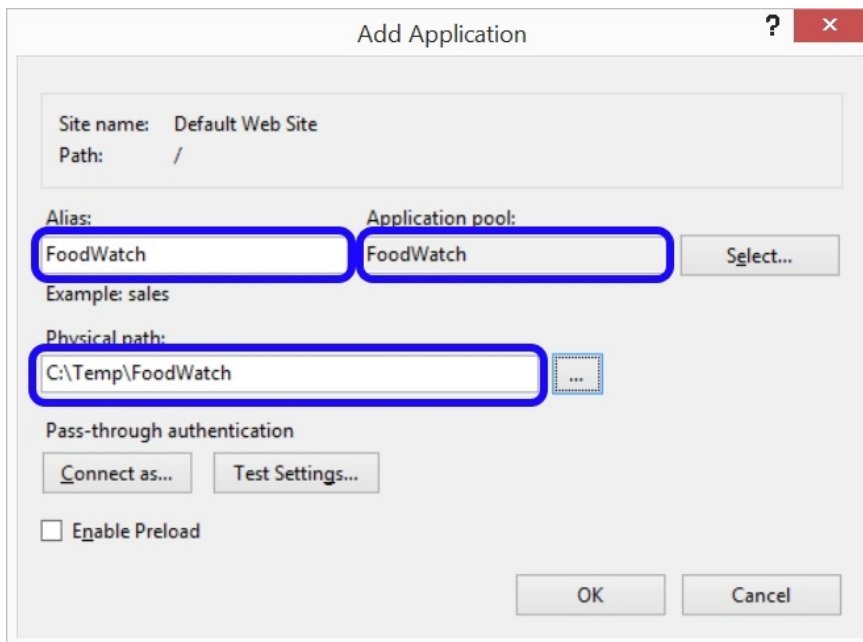
10. Click *Ok*.

11. You should now be able to view FoodWatch under the Site you chose to host it under. In our example, we used the Default Web Site from a bare install of IIS, so that puts it at http://localhost/FoodWatch by default.

Deployment to Azure Web Apps

Prerequisites

- Microsoft Azure Account with available resources
  - Sign up for a free account at https://azure.microsoft.com/en-us/pricing/free-trial/
- Ability to provision an Azure Web App

Instructions

1. Login to the Azure portal / dashboard.
2. Once logged in, click on the + New button/link in the bottom-left corner of the dashboard.
3. Select Compute, then Web App, then Quick Create.
4. Enter the following information for the values:
   a. *URL*: *<company-foodwatch>*.*azurewebsites.net (or one that isn't yet taken)*
   b. *App Service Plan: <varies by company/subscription…ask your IT department or select Free if unsure>*
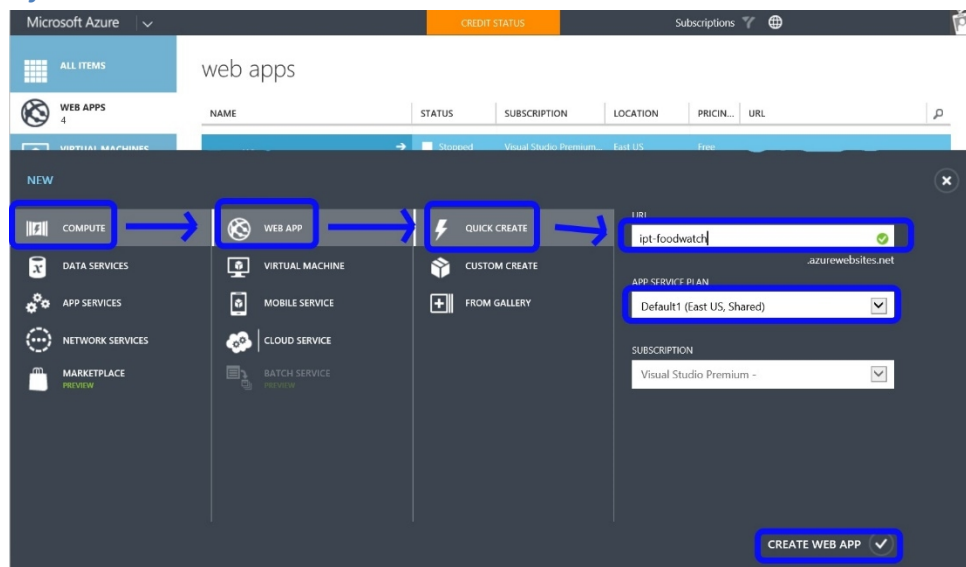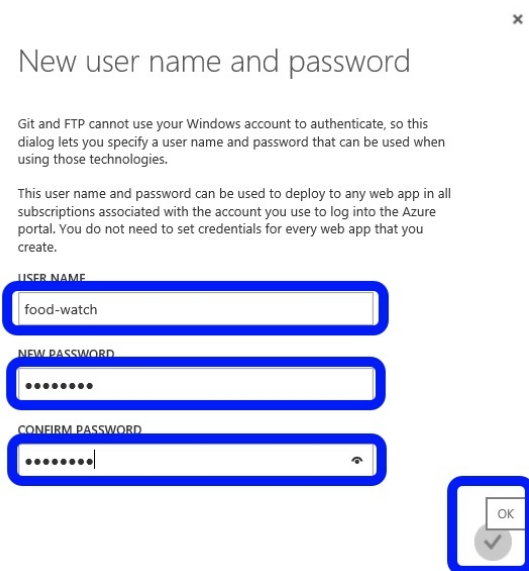

5. Click *Create Web App*
6. Once the Web App is created, click on it to go into its details.
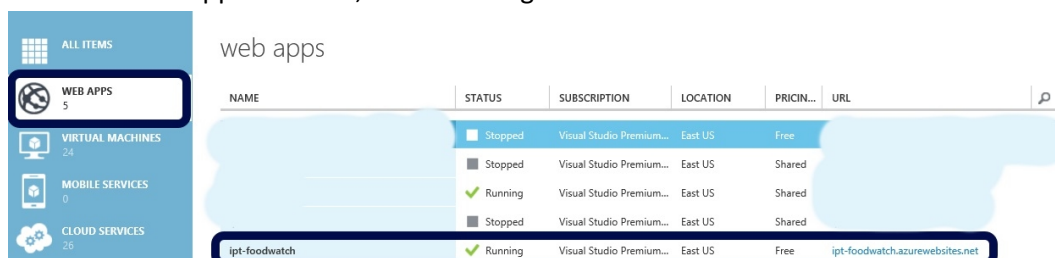
7. On the Web App overview screen, click on *Set / Reset your deployment credentials*
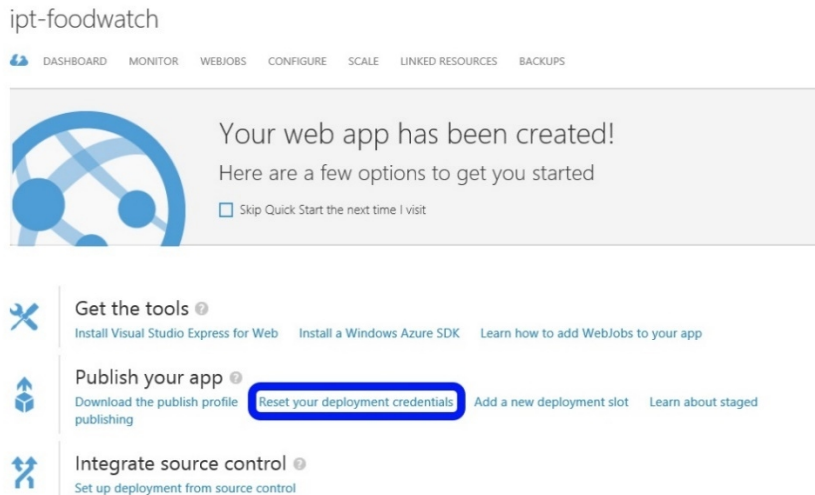
8. In the *New user name and password* dialog, choose a User Name and Password that will be used to deploy the Food Watch artifact(s) via FTP to the Web App.

9. Click the checkmark icon in the bottom-right corner when done.
10. Now click on the *Dashboard* section for the Web App up top. Once there, search for the *FTP Host Name* (or FTPS Host Name if you want to use FTPS) and direct your FTP(S) client to it using the deployment credentials you setup in steps 7-9. When entering the username, be sure to include the Web App name before it, followed by a backslash. (e.g. *ipt-foodwatch\foodwatch*)
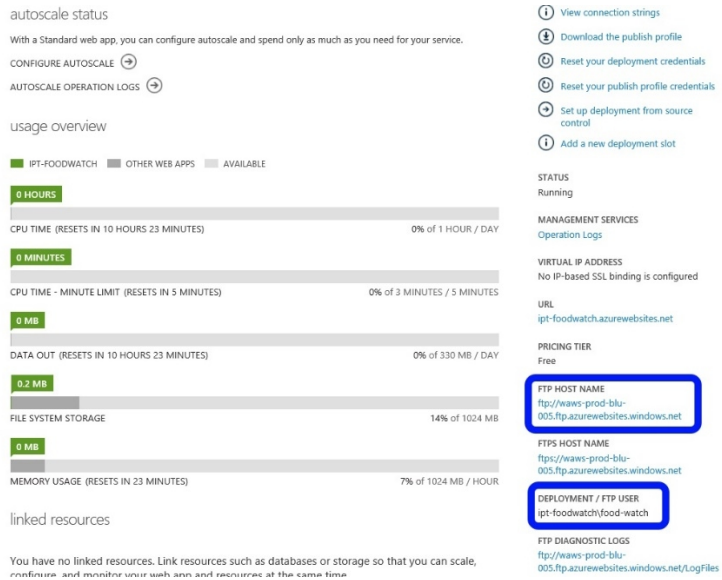
11. Once logged into the FTP server, navigate to */site/wwwroot/* and transfer all of the unzipped files from the installation artifact(s).
12. Visit the URL you setup in step 4 and Food Watch should be ready to go!