# Platform-X Deployment Documentation

## Pre-Build Steps

1. Get latest code for branch being deployed and ensure it builds.
2. Copy the <unity /> element from the Web.config file into each Web.config.\* file.
3. Make sure that the /unity/container/register[@type=’IBusinessContext’] element is set to use the IBusinessContext impelementation appropriate for each environment’s auth system.
4. Make sure to copy any new AppSetting keys into each environment.

## Publish Code

1. Publish the PXPub project via the Visual Studio “Publish” command to one of the environments from the Environments.xlsx file.
2. Rename the appropriate Web.config file
3. Access the site and log in to make sure the deployment was successful

## Post-Build Steps

The following steps are only necessary if this build is being moved up to the next environment (e.g. build is being promoted from DEV to QA)

1. Create a deployment folder in deployments directory with name in YYYYMMDD format. If this is the second deployment in the same day, then use the next alphabetic suffix. E.g. YYYYMMDD\_a, YYYYMMDD\_b, etc.
2. Copy all files from the initial build into the deployment folder.
3. Rename the appropriate Web.config file for the NEXT environment. E.g. if moving to QA, then you should rename Web.config.ravell.qa to Web.config
4. Update the example release notes and send them.