Web Installation and Update Guide

CATALIS™
ADVANCING GOVERNMENT. ENGAGING CITIZENS.

This document may contain confidential and/or proprietary information and is intended to be used only by licensed Landmark users.
Any use by others is strictly prohibited.

Contact Information

If further assistance is needed, please contact Catalis.

Catalis

3025 Windward Plaza, Ste 200

Alpharetta, Georgia 30005

Toll Free: 1.800.280.5281

Office: 407.321.7434

www.catalisgov.com



All Landmark™ software, trade names, Documentation manuals, report libraries, and any other material are Copyright 2007-2024 by Catalis, ALL RIGHTS RESERVED. Any use of materials in this manual, including reproduction, modification, distribution, or republication, without the prior written consent of Catalis, is strictly prohibited.

All the following are service marks of Catalis, or its affiliates and are protected by inclusion herein; Landmark™.

Revision History

Name	Date	Description
Kyle Wilson	6/14/2019	Document Creation
Kyle Wilson	1/6/2021	Document Updated
Kristina O'Leary	1/6/2021	Document Edited
Kristina O'Leary	7/9/2021	Document Updated
Angel Vidal	5/23/2022	Document Updated

Table of Contents

Contact Information 2
Revision History 2
New Installation 4
Setting Up Internet Information Services (IIS) 4
Application Pool 4
Virtual/Application Directory 9
Setting Connectivity to the Database 10
Updating Existing Installation 11

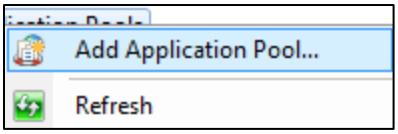
New Installation

Setting Up Internet Information Services (IIS)

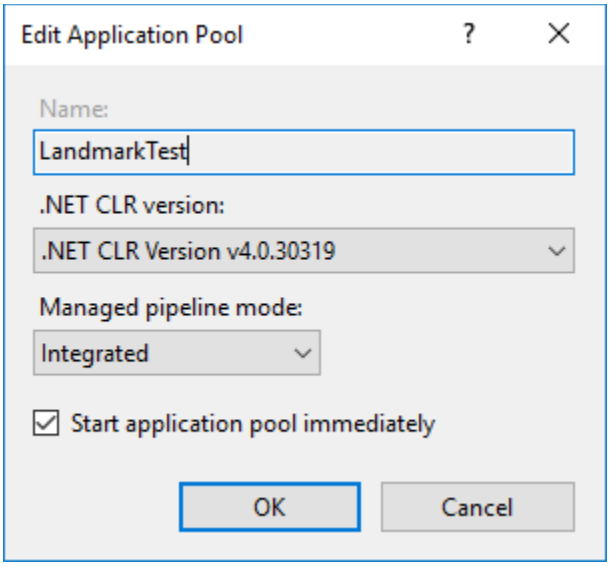
1. Connect to the desired web server for installation.
2. Open Internet Information Service.

Application Pool

1. Select the Application Pools node from the left tree view, right-click and select “Add Application Pool.”

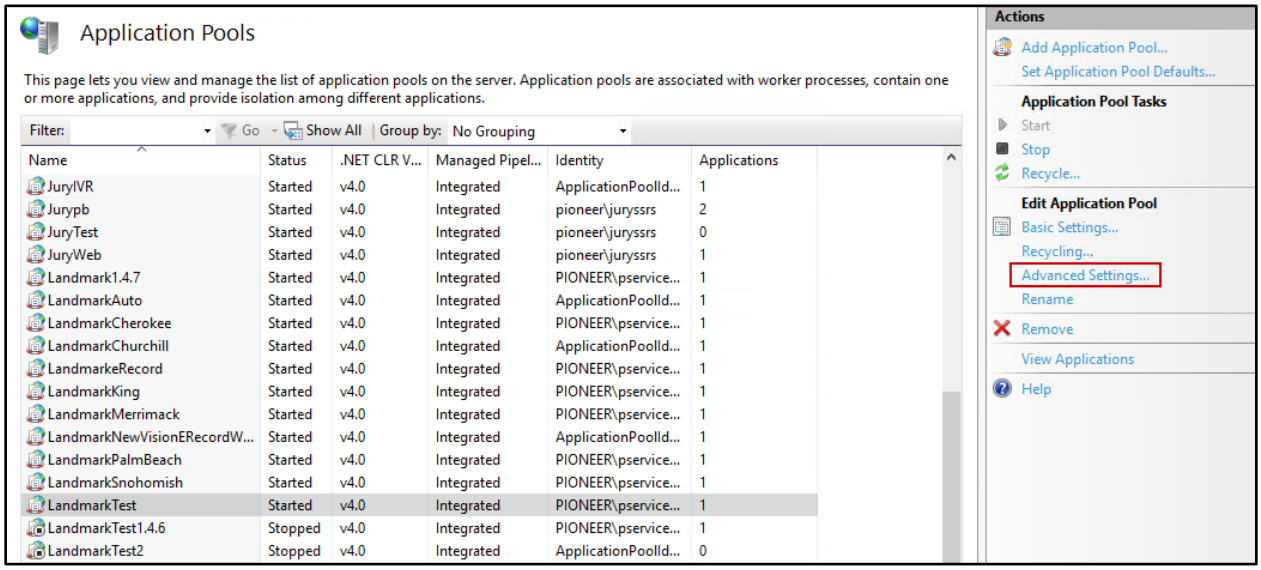


2. Name the Application to something of your choosing, .Net Framework version v4.0.30319 and integrated mode as the managed pipeline mode.

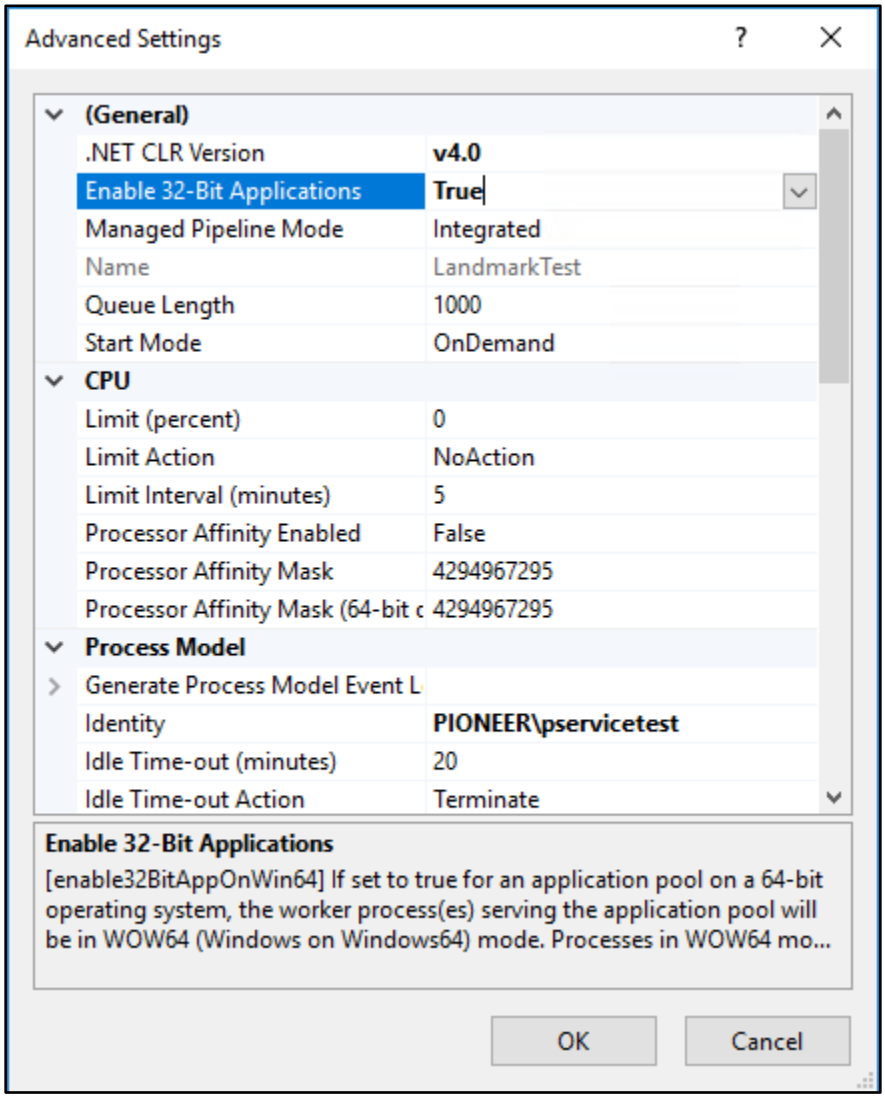


3. Click Ok to create the Application Pool.

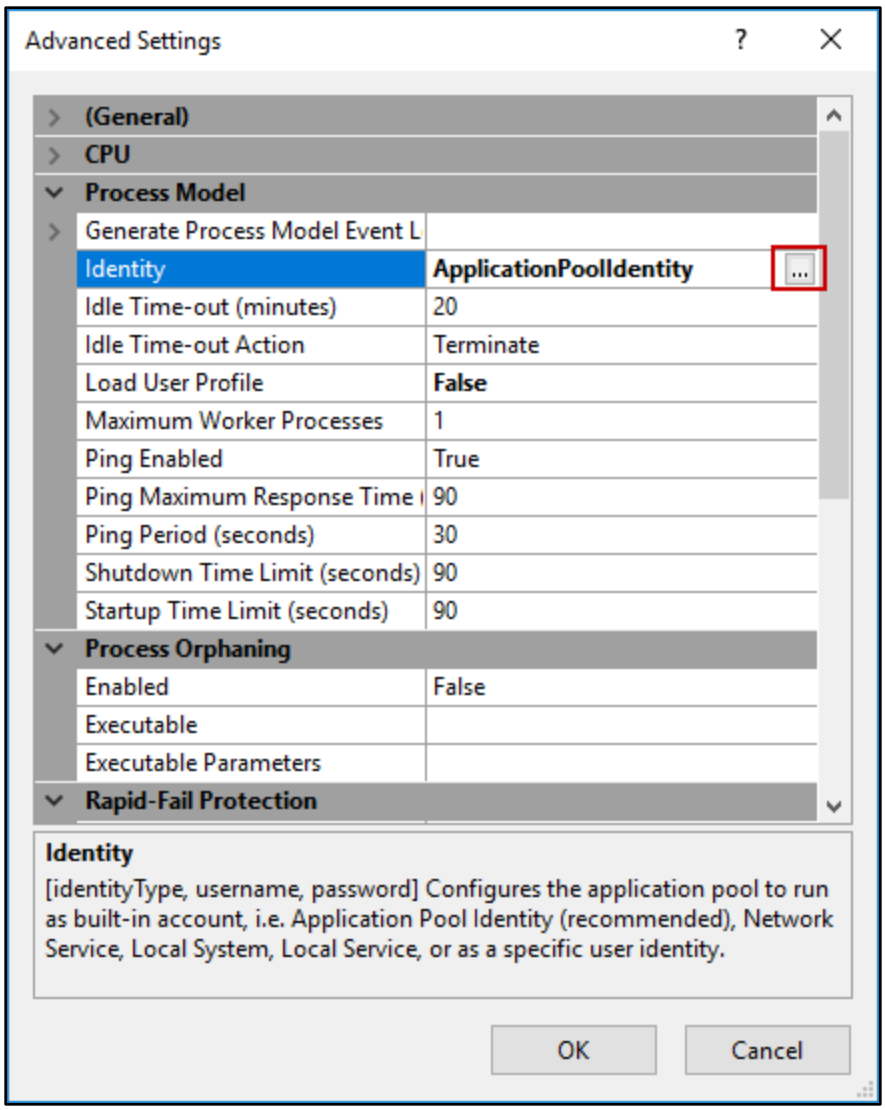
4. Locate the newly created pool, right-click and select Advanced Settings (see red outline).

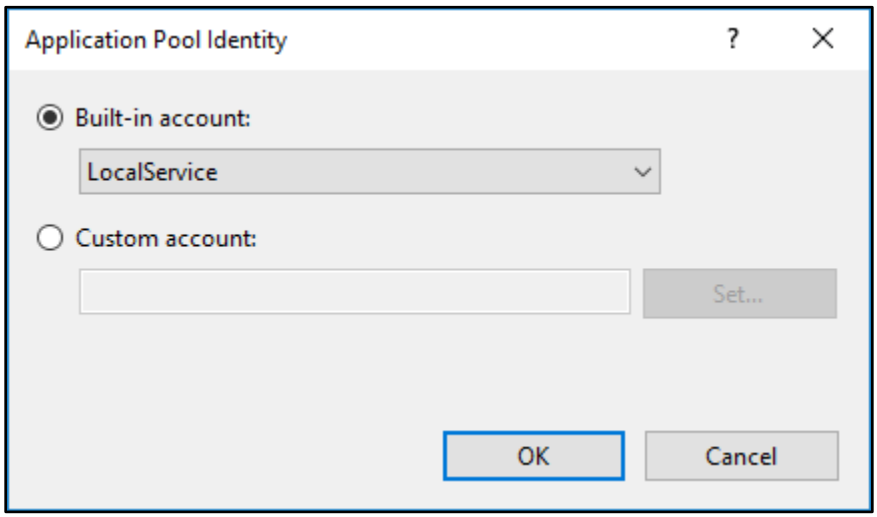


5. Make sure **Enable 32-bit Applications** is set to **True** (see blue highlight).



6. Go to the **Process Model** node and change the **Identity** property. This is the domain account that the application will run under.

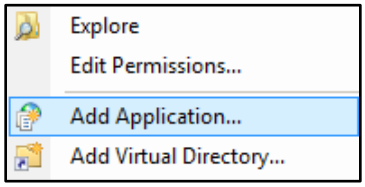

Advanced Settings
(General)
CPU
Process Model
Generate Process Model Event L
Identity
ApplicationPoolIdentity
Idle Time-out (minutes)
20
Idle Time-out Action
Terminate
Load User Profile
False
Maximum Worker Processes
1
Ping Enabled
True
Ping Maximum Response Time
90
Ping Period (seconds)
30
Shutdown Time Limit (seconds)
90
Startup Time Limit (seconds)
90
Process Orphaning
Enabled
False
Executable
Executable Parameters
Rapid-Fail Protection
Identity
[identityType, username, password] Configures the application pool to run as built-in account, i.e. Application Pool Identity (recommended), Network Service, Local System, Local Service, or as a specific user identity.
OK
Cancel


Application Pool Identity
Built-in account:
LocalService
Custom account:
Set...
OK
Cancel

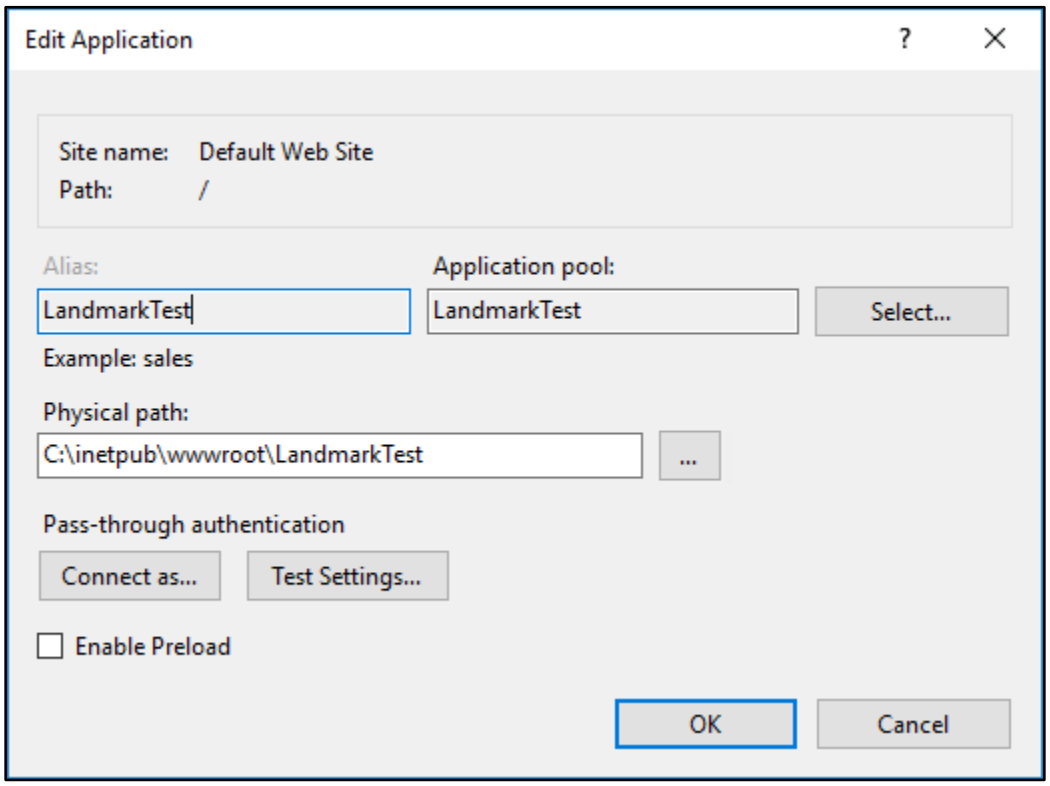
7. There are two options, either use a Built-in account or a Custom account (domain account). The choice is at the discretion of the customer, as long as it meets the requirement of the permissions stated above.
8. Click Ok to set the Identity, and then Ok to save to the application pool.

Virtual/Application Directory

1. Right-click on the Default Web Site and select Add Application.



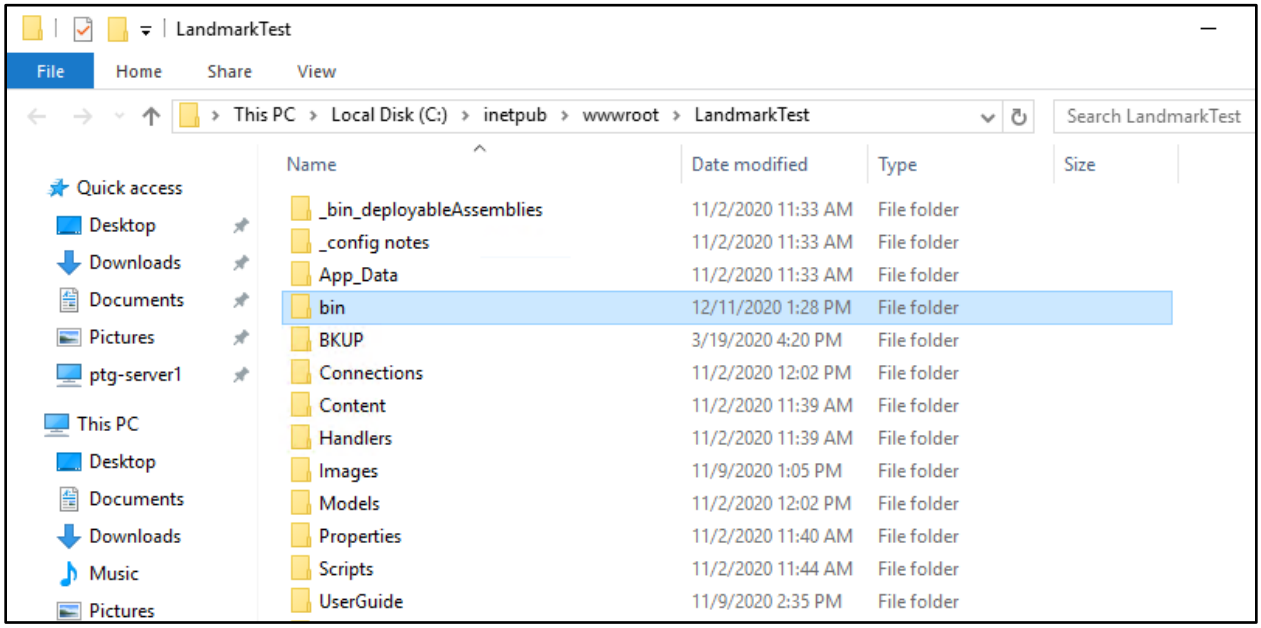
2. Complete the Alias, select the Application Pool created in step above, and choose the path where the source files exist, or create a new folder in the root directory and place the installation files there.



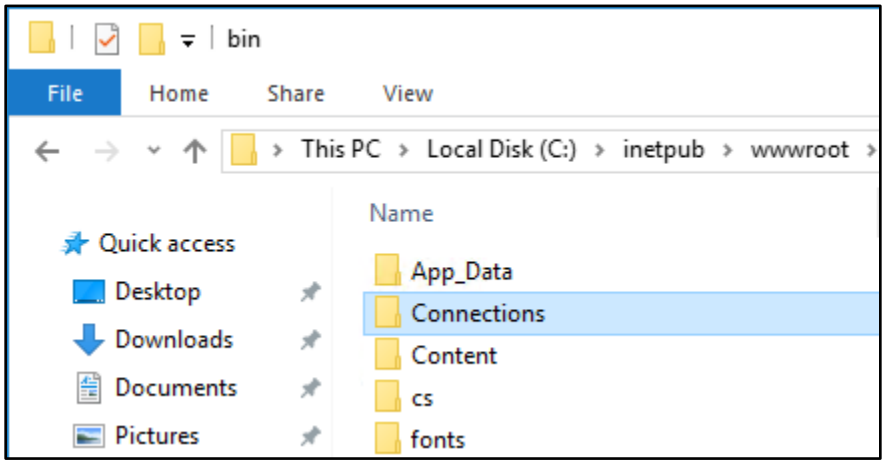
3. Click the **Test Settings** button to verify all selections are valid. The site is now set up in IIS.

Setting Connectivity to the Database

1. Locate the bin folder in the source file directory and open it.



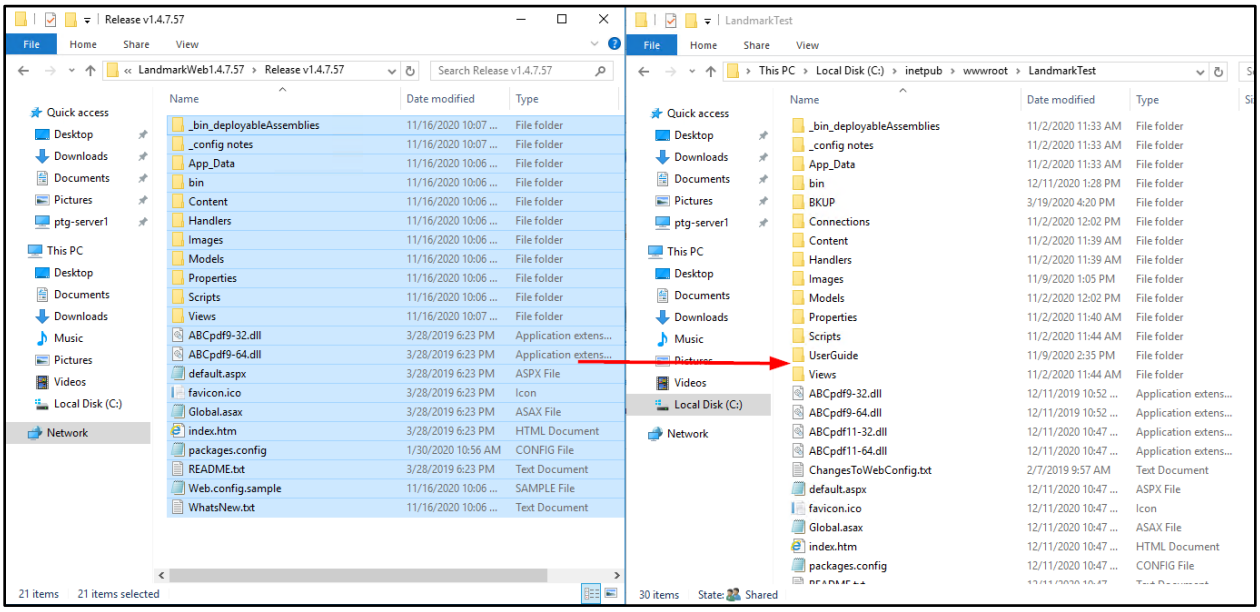
2. Open the 'Connections' folder.



3. Either update the existing connection file with the correct connection details (Server, Database, UserID, Password, etc.) or replace the connection file with one from a previous web install.

Updating Existing Installation

1. Locate the ‘Release vX.X.X.X’ folder in the download package.
2. Open IIS on the web server and stop the application pool running the Landmark Web site.
3. Navigate to the Landmark Web wwwroot folder on the web server.
4. Backup the current Landmark Web directory.
    a. The backup folder can be used to restore the web if reverting to the previous version is necessary.
5. Copy all the files within the downloaded ‘Release vX.X.X.X’ folder and paste into the current web folder.
    a. The new files do not contain any configuration files, so the current config files will be retained.



6. Open IIS on the web server and restart the application pool running the Landmark Web site.
7. Navigate to the county web site and verify that the Landmark Version has been updated correctly.

NOTE: When there is a version change that requires adjustments to the library, the new web.config file will need to be copied over. This should always be done when there is a big version jump. If there are no changes then the customer can continue using their existing web.config file. Otherwise, this can be done by removing the “.sample” from the Web.config.sample file in the new release folder prior to copying over files. This file can be compared with the original being replaced to determine if any custom changes need to be applied (such as changing the save location of web logs).

8. The Log4Net assembly version has been updated, starting from Landmark version 1.5.87.0 the web.config file can be updated as described above or the user can update the following tag from version 2.0.8.0 to 2.0.15.0.

```
<dependentAssembly>
    <assemblyIdentity name="log4net" publicKeyToken="669e0ddf0bb1aa2a" culture="neutral" />
    <bindingRedirect oldVersion="0.0.0.0-2.0.15.0" newVersion="2.0.15.0" />
</dependentAssembly>
```