Ozone Marketplace Quick Start Guide

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1 Introduction

1.1 Objectives

This quick start guide defines how to setup and run a minimally configured Store. At this end of this procedure you will have the Store running inside the OZONE Widget Framework (OWF) on your desktop.

1.2 Document Scope

This guide is intended for administrators or developers who wish to learn how to install and deploy the Store for the purposes of gaining an overall familiarity with product.

1.3 Related Documents

Document	Purpose
Quick Start Guide	Setting up and integrating the Store into OWF.
Configuration Guide	Modifying Default Settings, Security, Database Settings, Upgrading to a newer Store version.
User Guide	Searching, Creating and Editing Listings, Adding Comments, Ratings, Navigating a Store, Scorecards Explanation of Store Elements.
Administrator's Guide	Importing / Exporting Store Data, Adding Affiliated Stores, Approving Listings, Creating Types, States, Categories, and Custom Fields, Scorecard Configuration.
Developer's Guide	Custom Security Modules, Creating and Editing Themes
Release Notes	Major and minor changes for the current release.

2 Instructions

2.1 Overview

These procedures are written for Windows 10, but can be easily adapted to other versions of Windows or Linux.

2.1.1 Supported Browsers

The Store is fully supported and tested with the following browsers:

Browser	Version(s)
Microsoft Internet Explorer	11
Microsoft Edge	38
Google Chrome	43
Mozilla Firefox	57

2.2 Download Release Bundles

Download the following application release bundles from:

- **OZONE Marketplace** – https://github.com/DoDGOSS/omp-marketplace/releases

- **OZONE Widget Framework** – https://github.com/DoDGOSS/owf-framework-patch/releases

2.3 Install Java

Both the Ozone Marketplace and Widget Framework require the Java run-time environment (JRE).

It is recommended to use the supported Java 8 JRE. However, the minimum requirement is the Java 7 JRE.

The Oracle JRE will suffice for this quick start. Download and install the package that is appropriate for your system:

- **(Recommended)** Java 8 JRE Downloads – *http://www.oracle.com/technetwork/java/javase/downloads/jre8-downloads-2133155.html*

- Java 7 JRE Archive Downloads – http://www.oracle.com/technetwork/java/javase/downloads/java-archive-downloads-javase7-521261.html

Note the location where the JRE is installed (for example, `C:\Program Files\Java\jre8`) – this path will be used in the next section.

2.3.1 Configure the JAVA_HOME environment variable

1. Click the Start button, and in the search field, type "environment variable".

2. Select the option that says "Edit environment variables for your account".

   o If the JAVA_HOME environment variable already exists, ensure that the value is the same as the path of the installation from the previous section.

- o If the JAVA_HOME environment variable does not exist, click the "New..." button.

- a. For the "Variable name" field, enter "JAVA_HOME".

- b. For the "Variable value" field, enter the full pathof the installation from the previous section (for example, `C:\Program Files\Java\jre8`).

- c. Click the "OK" button.

3. Click the "OK" button to save the changes.

2.4 Unpack the Bundles

If you have not yet obtained the bundles for the following steps, please see the Download Release Bundles section for more details.

- Create a folder on your file system for the Marketplace (for example, `C:\Ozone\Marketplace\`)

- Unzip the Ozone Marketplace bundle into the created folder.

- Create a folder on your file system for the Widget Framework (for example, `C:\Ozone\Framework\`)

- Unzip the Ozone Widget Framework bundle into the created folder.

2.4.1 Consolidate the Bundles

The Marketplace and Widget Framework applications, while meant to work together, can also be run independently. They are packaged as such to easily run them as standalone products. The following steps will consolidate them into a single web application server that can be run locally on your computer.

Note: Replace the example paths below with the paths created in the previous section, if different.

1. Copy the file `Marketplace\tomcat\webapps\marketplace.war` to `Framework\tomcat\webapps\`

2. `Copy the contents of Marketplace\tomcat\lib\config to Framework\tomcat\lib\config\marketplace`

3. Copy the following files from franchise-store\tomcat\lib to owf\tomcat\lib

- a. mp-override-log4j.xml

- b. MarketplaceConfig.xml (not present by default)

- c. MarketplaceConfig.groovy

4. Copy the following files from franchise-store\tomcat to owf\tomcat

- a. ompProdDb.h2

- b. ompProdDb.lock

2.4.2 Replace default configuration files

Note: May need to expand the owf.war and marketplace.war files if the server has not been started yet.

By default, the Marketplace and Widget Framework applications run on an in-memory database (h2). While we have included sample configuration files for each database that is officially

supported, you must ensure the correct file is being referenced if using a more robust database. The following steps will replace the default configuration file.

1. Navigate to Framework\tomcat\lib\config

2. Copy the database specific .yml file (i.e ozone-framework_mysql.yml) to Framework\tomcat\webapps\owf\WEB-INF\classes

3. Rename the existing application.yml file to application_orig.yml

4. Rename ozone-framework_mysql.yml to application.yml

5. Navigate to Framework\tomcat\lib\config\marketplace

6. Copy the database specific .yml file (i.e ozone-marketplace_mysql.yml) to Framework\tomcat\webapps\marketplace\WEB-INF\classes

7. Rename the existing application.yml file to application_orig.yml

8. Rename ozone-marketplace_mysql.yml to application.yml

Note: If you wish to return to the in memory database settings simply remove the application.yml files and rename application_orig.yml to application.yml.

2.5 Start the Web Server

To start the applications, run the following using a command prompt from the Marketplace\tomcat\ folder:

Note: May need to replace the default application.yml file in the owf and marketplace exploded war files with the appropriate database specific configuration .yml files

```
> start.bat /init
```

The startup process may take up to a few minutes the first time it is run. You will know it is done when the command prompt output stops scrolling and a line like this is displayed:

```
2013-05-08 10:43:00,433 [main] INFO org.apache.catalina.startup.Catalina-
Server startup in 110769 ms
```
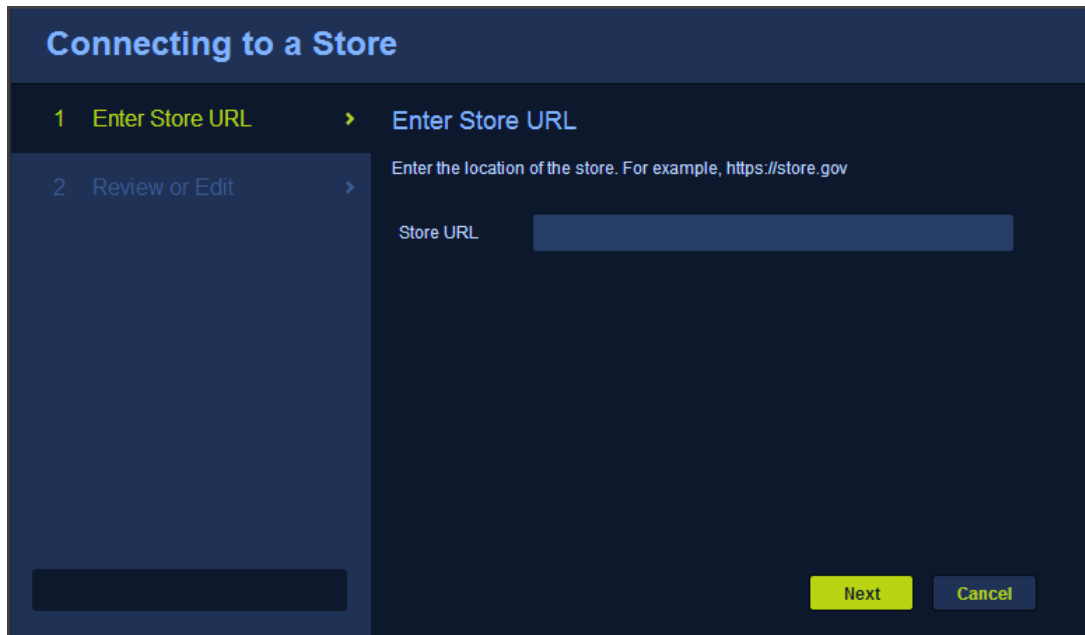
2.5.1 Sign in to the OZONE Widget Framework

1. Open your web browser and navigate to: https://localhost:8443/owf.

2. If you receive warnings about untrusted connections, ignore the warnings or add exceptions, using the dialog box.

3. Log in using the following credentials:
   o Username: testAdmin1
   o Password: password

2.5.2 Add the Store to OWF

1. Open the OWF drop-down User Menu and click Administration. This opens the Administration Manager.

2. Click Configuration to open the Configuration Console.

3. From the left-hand panel, click Store.

4. Click the Add Store button. This opens the Store Configuration window.

5. Enter the Store URL, then click Next. OWF will use the URL and automatically gather Store details.

Figure 1 Store Configuration Wizard

6. The Review page appears. Review or Edit the Store details:

    a. Review the icon used to identify the Store to users in OWF

    b. Add a Store Name to identity the Store to users in OWF

    c. Click Save.

7. Refresh your browser.

The Store button will appear on the OZONE Toolbar for all OZONE users (see below).

Note: If the Store button does not appear in the toolbar, refresh your browser window.

Figure 2 Store Button on OZONE Toolbar

2.5.3 Sign in to the OZONE Store

1. Open your web browser and go to: https://localhost:8443/marketplace

2. If you receive a warning in your browser about an untrusted connection, add an exception

3. Log in using the following credentials:
    o   Username: `testAdmin1`
    o   Password: `password`