WebWise Migration to HighJump One

Lab Exercises

(WebWise 12.5 to HighJump One 1.0)

April 2016
Advantage System Administration
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Getting Started

Introduction

This section consists of the following:

- How to use this manual
- Getting help from an instructor
- Providing feedback

Background Information

How to use this Manual

This manual is one of several documents you will encounter in the WebWise Migration to HighJump One VLab class. It is intended to be used in conjunction with the HighJump One documentation. Read through the Introduction chapter below to understand how the multiple documents complement one another. Read through the first couple sections of the Supplemental Comments chapter below to understand how to begin the migration process.

Getting help from an instructor

If you need to contact an instructor, click the Ask an Instructor button in the panel on the right side of VLab environment.

Providing feedback

When you complete the course, please fill out the online evaluation. It is completely anonymous and will help HJU improve its training deliverables. You can access the online evaluation by clicking on the Evaluate HJU V Labs button in the panel on the right side of the VLab environment.
Introduction

Advantage Platform vs. HighJump One Platform

The Supply Chain Advantage suite consists of two underlying platforms: the Advantage Platform and the HighJump One Platform. The Advantage Platform provides a foundation upon which the Advantage applications run. This foundation makes it possible to run receiving, picking, packing, and shipping processes on an RF gun in order to manage warehouse activities.

The HighJump One Platform is a second foundation which provides, among many other things, a common, web-based user interface for administrators and end users to view and interact with warehousing data, like purchase orders and inventory.

This class focuses solely on the HighJump One Platform side of the suite.

Installation Sequence

If you are installing the HighJump components on a clean system, then the list below describes the high-level sequence of events.

- Start with the Windows operating system.
- Install the Advantage Platform (including web-based applications like Advantage Commander and Event Advantage)
- Install the Advantage applications (including web-based applications like Advantage Dashboard and Warehouse Advantage Base Web)
- Install the HighJump One Platform
- Migrate the Advantage web-based applications to the HighJump One Platform

However, in this class the first three of these steps have already been completed. You will start with an environment that already contains the Advantage Platform and Warehouse Advantage. Because this class is solely devoted to the HighJump One Platform, it does not discuss how to install the Advantage Platform or Warehouse Advantage. Installing these other components is covered in a different class.

Three Servers vs. One Server

A typical production environment contains three servers: an application server, a web server, and a database server. For simplicity sake, in this class, all three of these servers are combined into a single machine.
Users and Passwords

Several of the applications you will encounter during this class require you to log in with a set of credentials. For simplicity sake, the instructor has placed all of the credentials into a single text file. Follow the procedures below to open the text file that contains the credentials.

☐ Double click the Training folder on the desktop.

☐ Double click the Misc folder.

☐ Double click the login.txt file.

The system opens a text file that contains a list of all the user ids and passwords that you will use throughout the training class. The credentials are broken down by application. The user id is on the first line of each section. The password is on the second line of each section. In the screenshot below, the user id for SQL Server is “sa”, and the password is “sapass#1”

☒ Browse through the remainder of the document.

☒ Choose the File | Exit menu.

From this point forward, the training exercises do not explicitly state the user ids and passwords for a given application. Instead they use language similar to the following: “Use the login.txt file in the folder on the desktop to populate the user id and password edit boxes.” The login.txt file is the one that is described in this activity.

Documentation

The HighJump One installation media contains a document that details how to install the HighJump One Platform. The media also contains a separate document that details how to migrate the WebWise-based
applications to the HighJump One Platform. These two documents form the basis of how you will navigate through this VLab. However, these primary documents make reference to secondary documents which provide additional instructions. Below is a list of all documents you will reference, as well as their location in the VLab.

The Root Folder in the chart refers to D: \ Install Media \ HighJump One \ V1.0 \ 1.0.0.0.

<table>
<thead>
<tr>
<th>Name</th>
<th>Short Name</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>HighJump One Platform Installation Guide</td>
<td>Installation Guide</td>
<td>Root</td>
</tr>
<tr>
<td>HighJump One Platform Migration Guide for HighJump Webwise</td>
<td>Migration Guide</td>
<td>Root \ Migration</td>
</tr>
<tr>
<td>HighJump Page Editor Installation Guide</td>
<td>PE Installation Guide</td>
<td>Root \ Page Editor</td>
</tr>
<tr>
<td>HighJump One Platform Administrators Guide</td>
<td>Administrators Guide</td>
<td>Root \ Documentation</td>
</tr>
</tbody>
</table>

In some instances, the instructor for this class has provided additional comments to supplement the official documentation. These comments are included later in this document. We recommend that you use the documentation on the media and the supplemental instructor comments side-by-side as you work through this class.
Supplemental Comments

Overview

This chapter contains several comments which are not included in the documentation on the installation the media. In some cases, they provide additional clarification to the steps outlined in the documentation. In other cases, they provide instructions that are specific to the training environment in which you are working. And in other cases they provide procedures for steps that are not included in the documentation. We recommend that you use the documentation on the media and the supplemental instructor comments side-by-side as you work through this class.

How Do I Start?

Follow these procedures to start the installation process

- Open the HighJump One Platform Installation Guide.
- Read through the Table of Contents
- Read through the General Information
- Execute the procedures in the section titled HighJump One Platform Installation

Pre Installation Tasks

Document: HighJump One Platform Installation Guide (page 2)

The pre-installation tasks direct you to uninstall earlier versions of the AccellosOne Platform. This is not needed as the AccellosOne Platform is not installed on the training environment.

The instructions direct you to uninstall the HighJump WebWise Runtime program. In addition to that one, you must also uninstall the HighJump WebWise Page Editor program.

The pre-installation tasks direct you to install the IIS Media Services if you want to use the video services of the HighJump One Platform. You will not use the video service, so there is no need to install the IIS Media Services.
Media Location

Document: HighJump One Platform Installation Guide (page 3)

The instructions direct you to insert the HighJump One Platform installation CD into the CD drive. In the training environment, you can find the installation media in the D: \ Install Media folder.

Installation Folder

Document: HighJump One Platform Installation Guide (page 4 - 5)

The system defaults the installation folder to the C drive.

The training environment contains both a C drive and D drive. The D drive is best location for the HighJump One Platform. Change the C drive to the D drive in the folder edit box, and leave the remaining string untouched. The finished folder location should look like this screenshot.

New Database vs. Existing

Document: HighJump One Platform Installation Guide (page 5 - 6)

The system gives you the option of creating a new database or using an existing database. In this class the HighJump One Core database has already been placed on the machine. However, that it not typical. When you install HighJump One outside of this class, you will likely need to create a new database.

Choose the Use Existing Database option, and populate the connection settings according to the chart below:
### System Administrator Password

**Document:** HighJump One Platform Installation Guide (page 12)

The system administrator password is used to log into the HighJump One platform administrative tool.

If you are creating a new database, then you can create a password of your own choosing. However, because you are referencing an existing database, you must enter the HighJump One system administrator password that has already been established in the database.

In this VLab, the existing database contains a HighJump One system administrator password of hj1sapass. In addition to this particular screen, you will also need this password later in the migration process.

### HighJump One Platform Agent

**Document:** HighJump One Platform Installation Guide (page 13)

The HighJump One Platform Agent supports a distributed architecture in which multiple servers serve up web-based applications. In the training environment there is only one server. Therefore you can skip the instructions in this section.

### What’s Next?

**Document:** HighJump One Platform Installation Guide (page 18)

You have completed the installation process for the HighJump One Platform. Next you will migrate the existing WebWise applications so they can run in the HighJump One Platform. The instructions for accomplishing this are located in another document.


---

**Settings**

<table>
<thead>
<tr>
<th>Settings</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Database Server</td>
<td>Machine name of database server</td>
</tr>
<tr>
<td>Database Name</td>
<td>[use defaulted value]</td>
</tr>
<tr>
<td>User Name</td>
<td>[use defaulted value]</td>
</tr>
<tr>
<td>Password</td>
<td>[use defaulted value]</td>
</tr>
<tr>
<td>Advanced Options</td>
<td>[use defaulted value]</td>
</tr>
</tbody>
</table>
☐ Read through the **Table of Contents**

☐ Read through the **General Information**

☐ Begin executing the procedures in the section titled **Migrating from HighJump WebWise Runtime to HighJump One Platform.**

---

### Page Editor Install Folder

**Document:** *HighJump Page Editor Installation Guide* (page 2; step 3)

The system defaults the installation folder to the C drive.

![Folder name: C:\Program Files (x86)\HighJump Software](image)

The training environment contains both a C drive and D drive. The D drive is best location for Page Editor. Change the C drive to the D drive in the folder edit box, and leave the remaining string untouched. The finished folder location should look like this screenshot.

![Folder name: D:\Program Files (x86)\HighJump Software](image)

---

### Starting Page Editor

**Document:** *HighJump One Platform Migration Guide for HighJump WebWise* (page 3; task 6)

You can choose to work with most of the Page Editor applications in this step. We recommend that you start with the WAWarehouseAdvantageConfig application. Follow the procedures below to open this application in Page Editor.

☐ Chose the **Start | All Programs | HighJump Software | Advantage Platform | HighJump Page Editor** menu.
The system displays the WebWise Page Editor Configuration Database window.

- Choose **WAWarehouseAdvantageConfig** in the **DSN** drop-down list.
- Click the **OK** button.

The system displays an upgrade confirmation window.

- Click the **Yes** button.

The system opens the Page Editor tool for the WAWarehouseAdvantageConfig application.
Global Options and Publish Configurations


If the application has been running in a previous environment, then the Global Options and the Publish Configurations have already been proven and they don’t need to change (with one exception noted in the next section). If the application is new, then the defaulted values will likely work as is. Though you may consider changing them after everything is installed and running.

For the purpose of this class, there is nothing to do on this step.

mPage Port Number


The instructions indicate that the installation process configured the Publish Web Service URL setting to include the mPage Runtime port number. This is not true. You must intervene manually to configure the port number in the URL.

Follow the procedures below to configure the port number in the Web Publish URL.

☐ In Page Editor, choose the View | Publish Configurations menu.

The system opens the Publish Configurations window.

<table>
<thead>
<tr>
<th>Name</th>
<th>Development</th>
<th>Production</th>
<th>Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Log Level</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Crystal Reports Path</td>
<td>/Reports/</td>
<td>/Reports/</td>
<td>/Reports/</td>
</tr>
<tr>
<td>Display Default Value SGL Errors</td>
<td>True</td>
<td>True</td>
<td>True</td>
</tr>
<tr>
<td>Display Page Id</td>
<td>True</td>
<td>True</td>
<td>True</td>
</tr>
</tbody>
</table>

The port number that Page Editor uses during a publish was established during the installation process. The default port number is 30004. If you changed the port number during the installation, then you will need to reference that new value in the procedures below.

☐ Click the Publish Web Service URL setting for the Development environment.

☐ Insert :30004 immediately after the machine name (or localhost).

☐ Click the OK button.
The system returns to the grid and displays the new URL.

<table>
<thead>
<tr>
<th>Help Link URL</th>
<th>~/Extensions/SupplyChainConfigurations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Publish Web Service URL</td>
<td><a href="http://localsearch:30004/webwisePublish">http://localsearch:30004/webwisePublish</a></td>
</tr>
<tr>
<td>Real-time Publishing</td>
<td>True</td>
</tr>
</tbody>
</table>

☐ Repeat these steps for each of the environments (Production and Test)

Repeat Steps 4 through 11

**Document:** *HighJump One Platform Migration Guide for HighJump WebWise* (page 4; task 12)

The training environment contains 7 different Page Editor applications which worked under the WebWise paradigm. In order to migrate the 7 applications to HighJump One, you must repeat the steps six additional times. Below is a list of the 7 applications to which you must apply the procedures.

- WAWarehouseAdvantageConfig (already completed)
- AdvantageCommanderConfig
- AdvantageLinkAdminConfig
- AdvantageLinkXMLConfig
- EventAdvantageConfig
- WAAdvancedFulfillmentConfig
- WAAAdvantageDashboardConfig

Prepare to Activate a License

**Document:** *HighJump One Platform Migration Guide for HighJump WebWise* (page 4; task 13)

The license-related procedures differ between this VLab training environment and an environment you would create for yourself or for a customer. The difference is largely due to the limited internet access in this training environment. For the purpose of setting up the licenses in this VLab, continue with page 4, task 13 of the Migration Guide.

**Note:** If you would like to download the license-related procedures for installing a personal environment or a customer environment, there is a link on the right panel of the VLab.
**Credentials for HighJump One Workspace**

**Document:** *HighJump One Platform Administrators Guide* (page 18, step 1)

The username for the HighJump One Workspace is “sa”. You determined the associated password for this user during the installation process. Review your notes from the installation to locate the password.

**Retrieving a License**

**Document:** *HighJump One Platform Administrators Guide* (page 19, step 8)

After you click the **Retrieve Licenses** button, the system displays an error instead of the expected window.

The system is attempting to communicate with the Development License Server. However, the VLabs do not allow outside internet access. As a result, the communication fails and the HighJump One Workspace throws an error.

The process identified in the *HighJump One Platform Administrators Guide* is the standard process for activating and retrieving a license. However, they will not work for this VLab class. Instead, perform the procedures below to work around the lack of internet access in the VLabs. These procedures are an exception, and they should only be used within the VLab environment.

- Read through (but do not perform) the remaining license-related steps in the *HighJump One Platform Administrators Guide* in order to familiarize yourself with the standard process.
- Click the **Dismiss** button on the **Error Window**.
The system brings focus to the License Server Credentials window.

| License
| License Server Credentials
| Please, enter license server credentials and select licenses to activate.
| User Id: hj_lane.lackas
| Password: ********
| Retrieve Licenses

- Click the Previous button.

The system returns to the License Options window.

- Click the Import License radio button.
- Click the Next button.

The system displays the License Source window.

- Open Windows Explorer.
- Navigate to the Training \ WebWise Migration to HighJump One \ License folder.
- Double click the advantage_commander_license text file.
The system opens the license for Advantage Commander.

![advantage_commander_license: Notepad](image)

```xml
<?xml version="1.0" encoding="utf-8"?>
<AccellosLicense LicenseType="Test" signature="mOzMnGx"
  <Company>HJ_Lane.Lackas</Company>
  <CreateDate>20160304 16:05:02</CreateDate>
  <ExpiryDate>
  </ExpiryDate>
</ExpiryDate>

□ Copy the **entire contents** of the file.

□ Paste the **entire contents** into the **License Source** edit box of the **HighJump One Workspace**.

The License Source window should look similar to the following screenshot.

![License](image)

□ Click the **Finish** button.

The system returns to the Infrastructure tab and displays Advantage Commander.

![Infrastructure](image)

□ Repeat these procedures with the license in the **highjump_one_platform_license** text file.

□ Repeat these procedures with the license in the **supply_chain_advantage_license** text file.
The resulting Infrastructure tab should look similar to the following screenshot.

![Infrastructure Tab](image)

**Configuring Middle Tier Applications**

*Document: HighJump One Platform Migration Guide for HighJump WebWise (page 5; task 14)*

You need to walk through this section twice. Once for the Supply Chain Advantage application, and once for the Advantage Commander application. (You do not need to create a middle tier layer for the HighJump One Platform.) The chart below outlines the settings that differ between the two applications.

<table>
<thead>
<tr>
<th>Application Name</th>
<th>Endpoint Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supply Chain Advantage</td>
<td>http://[machine name]:30004/SupplyChainAdvantage/</td>
</tr>
<tr>
<td>Advantage Commander</td>
<td>http://[machine name]:30004/AdvantageCommander/</td>
</tr>
</tbody>
</table>

**MetaPage Provider Tab**


The instructions on this page direct you to click the MetaPage Provider tab. However, this tab is not immediately visible. In order to see the MetaPage Provider tab you must expand the right edge of the interface.

![MetaPage Provider Tab](image)
Note that there is another tab that has a very similar name. The settings underneath the two tabs are also very similar. Even though the names and the settings of these two tabs are similar they provide very different functionality. The MetaPage Provider tab is the only one that will work when migrating the WebWise applications in this exercise.

**Using Page Editor User Export Utility**

**Document:** *HighJump One Platform Migration Guide for HighJump WebWise* (page 5; task 15)

Follow these procedures to open and log into the Page Editor User Export utility.

- Choose the **Start | All Programs | HighJump Software | Advantage Support | Page Editor User Export** menu.

- Enter the same credentials are the ones you used for the HighJump One Workspace.

In the WebWise model there were two separate configurations that contained user profile information. Therefore, you need to walk through this section twice. In the first iteration, you will address the users for the Supply Chain Advantage suite of applications. In the second iteration, you will address the users for the Advantage Commander suite of applications. The chart below shows the Page Editor Configuration and the HighJump One Application settings for each iteration.

<table>
<thead>
<tr>
<th>Iteration</th>
<th>Page Editor Configuration</th>
<th>HighJump One Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>WebUserManagementConfig</td>
<td>Supply Chain Advantage</td>
</tr>
<tr>
<td>2</td>
<td>AdvantagePlatformUserConfig</td>
<td>Advantage Commander</td>
</tr>
</tbody>
</table>

**Testing the Results**

**Document:** *HighJump One Platform Migration Guide for HighJump WebWise* (page 5; task 16)

Follow these procedures to log into the HighJump One Platform UI and to explore the pages.

- Refer to the **HighJump One Platform UI** section of the **login.txt** file to populate the **Username** and the **Password** edit boxes.

- Click the **Login** button.
The system displays the main page of the HighJump One Platform User Interface.

- Click the **Menu** button in the **Menu Bar**.

- Explore several of the pages in the **Supply Chain Advantage** menu and the **Advantage Commander** menu.