SharePoint Customization Hands-On Troubleshooting

Scenario 01: Migrated custom application

Student Lab Manual

Instructor Edition (Book Title Hidden Style)

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Contents

[Lab 1: Troubleshoot migrated custom application 6](#_Toc356733001)

# Lab 1: Troubleshoot migrated custom application

#### Introduction

Contoso has developed a custom application built within the scope of a site collection. This application has been **migrated** as an effort to consolidate several SharePoint 2013 environments. A farm administrator has installed and deployed the WSP packages for the solution in the target environment. After backing up, and **restoring the site collection** in the target environment, the application displays an error message as the result of an unhandled exception.

#### Objectives

After this lab, you will be able to:

* Track down end user error message
* Perform a root cause analysis

#### Estimated time to complete this lab

45 minutes to complete tasks, 15 minutes discussion

**Scenario resources**

On machine **SP01** you can find the WSP packages that the farm administrator used to migrate the solution. They are located in the **Lab Manuals** folder under Scenario01

Troubleshooting tools can be found in the **Tools** folder

#### Tasks

By leveraging demonstrated troubleshooting tools, you should complete the following steps as part of this troubleshooting scenario:

1. Find where in the application the exception occurs. To answer this question you should provide the following:
   1. Assembly name
   2. Class
   3. Member
2. Find a resolution to the error in the target environment
3. Go beyond the error itself and explain what the root cause is?
4. What options could the developers have considered in order to avoid the error?

#### Steps to get started

Follow the steps below to get started with the scenario:

1. Log into the machine **SP01**
2. Open Internet Explorer and browse to [http://scenario01.contoso.com](http://scenario01.contoso.com/)
3. You should see an error message showing an error description and a correlation id
4. Go ahead with the troubleshooting tasks