

# **ShamenWeb Deployment Guide**

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Developer: Steven Skinner

Environment: DOCCMNPRIV

Migration Request: 2019\_XX\_XX\_Migrate\_Request\_(ShamenWeb)

Source Branch: Shamen/BRANCH\_SHAMEN\_2018\_12\_07

## INTRODUCTION

### **Overview of ShamenWeb**

ShamenWeb is a web based application used to schedule or run batch applications. It works directly with Shamen Controller to process the batch applications. ShamenWeb also has the ability to suspend/activate Web application that have the ShamenClient associated with it.

Cell: DOCCMNPRIV

Cluster : DOCSHAMENWEB

Application: ShamenWeb

#### **Application Servers:**

DOCSHAMENWEB\_DOCCMNPRIV5090

DOCSHAMENWEB\_DOCCMNPRIV5091

DOCSHAMENWEB\_DOCCMNPRIV5092

DOCSHAMENWEB\_DOCCMNPRIV5093

DOCSHAMENWEB\_DOCCMNPRIV5094

DOCSHAMENWEB\_DOCCMNPRIV5095

### **Audience**

This document is intended for use by ITSD personnel in the deployment of the ShamenWeb application to an established Production WebSphere Application Server (WAS) environment on the DOCCMNPRIV Cell.

### **Requirements**

- WebSphere 9.0 ND
- Established Production Environment
- Production version of ShamenWeb to deploy (1 file)
  - ShamenEAR ear file

### **Points of Contact**

The point of contact for this ShamenWeb deployment is Addison Woody (Addison.Woody@oa.mo.gov). For specific information about this deployment, please contact the primary point of contact listed above and include the OA.ITSD.AppDev.DOC.Tech@oa.mo.gov group in the communication.

## **PRODUCTION DEPLOYMENT**

These instructions are written from the DOC AppDev Tech Team's perspective and based on the ShamenWeb application deployment to the DOCCMNPRIV cell. They are not intended to override the established policies and procedures of other ITSD groups.

### ***Pre-Deployment***

Before performing any modification to the application or configurations on the DOCCMNPRIV cell, a backup copy of the currently deployed ShamenWeb application should be made from the administration console. The exported .ear file can then be used to roll-back the application to its last known good version should problems occur during the update process. During the backup process make note of the cluster and nodes the application is associated with as this information will be required during installation.

### ***Application Deployment Details***

Utilizing the appropriate deployment manager admin console, the DOC AppDev Team's deployment method consists of stopping the application, uninstalling the application, syncing the nodes, installing the new application ear file, syncing the nodes, and finally starting the application. The ShamenWeb has been successfully installed using the Fast Path method on the DOCCMNPRIV Cell and should require no modification of the default installation settings. Application web modules should be mapped to the appropriate cluster(s) and server(s) indicated in the Overview section of this guide and referenced during the pre-deployment backup. Please seek further guidance from the deployment's point of contact for other settings or configuration changes required during installation.

If any errors or warnings are encountered during the application installation to the ShamenWeb installation to the DOCCMNPRIV cell, please notify the points of contact for assistance before a decision to discontinue or rollback the installation is made. If a rollback is advised, perform it as outlines in the Rollback Process section below.

### ***Post-Deployment***

When the ShamenWeb application has been successfully started, please notify the Points of Contact who will begin testing. Once testing is complete, a DOC AppDev Team member will inform the deploying Admin whether the deployment appears to be successful or if an error was encountered. In the event an error was encountered an update rollback may be required. This procedure is outlined in the following section.

## **ROLLBACK PROCESS**

Using the previously exported ShamenEAR ear file from the DOCCMNPRIV cell, follow the deployment instructions replacing the newly installed application file with the previously exported version.