IBM Platform Symphony 7.1 RFE83318 support upgrading Apache Tomcat to version 6.0.45

About upgrading Apache Tomcat to version 6.0.45 for use with Platform Symphony 7.1

You can use Platform Symphony 7.1 with Apache Tomcat 6.0.45.

Readme file for: IBM® Platform Symphony
Product/Component Release: 7.1 Fix Pack 1
Fix ID: sym-7.1-build398762
Publication date: 22 April 2016
Last modified date: 22 April 2016

1. Scope

Applicability	
Operating system	RHEL 6.6 64-bit
Symphony version	Platform Symphony 7.1 Fix Pack 1

2. Installation

2.1 Prerequisites

Before applying this fix, Platform Symphony 7.1 Fix Pack 1 must be installed.

2.2 Packages

Download the Apache Tomcat 6.0.45 package, `apache-tomcat-6.0.45.tar.gz,` from the following location: http://archive.apache.org/dist/tomcat/tomcat-6/v6.0.45/bin/

2.3 Notes

This solution only applies to management hosts.

2.4 Before installation

1. Stop the WEBGUI service.

    Log on to the master host as the cluster administrator and run:

    ```
    > source $EGO_TOP/cshrc.platform

    > egosh service stop WEBGUI
    ```

2. Back up the following folder and files on each management host:

    ```
    $EGO_TOP/gui/3.1/tomcat/
    ```

2.5 Installation steps

1. Copy the `apache-tomcat-6.0.45.tar.gz` package to a temporary folder and decompress the file:

    ```
    > cp apache-tomcat-6.0.45.tar.gz /tmp

    > cd /tmp
    ```

```
> tar -zxvf apache-tomcat-6.0.45.tar.gz

> rm -rf apache-tomcat-6.0.45/conf/

> rm -rf apache-tomcat-6.0.45/work/

> rm -rf apache-tomcat-6.0.45/logs/

> cp $EGO_TOP/gui/3.1/tomcat/bin/catalina.sh apache-tomcat-
6.0.45/bin/
```

2. Copy the Tomcat folder into each management host:

```
> rm -rf $EGO_TOP/gui/3.1/tomcat

> cp -rf apache-tomcat-6.0.45 $EGO_TOP/gui/3.1/tomcat
```

2.6 After installation

1. Clean up all working directories on the management hosts; delete all subdirectories and files from the following directory:

```
> rm -rf $EGO_TOP/gui/work/*
```

2. Clean up the browser cache on all client hosts.

3. Start the WEBGUI service on the upgraded cluster:

```
> source $EGO_TOP/cshrc.platform

> egosh service start WEBGUI
```

4. Open the `$EGO_TOP/gui/logs/catalina.out` file, and verify that the version indicates Apache Tomcat 6.0.45 by verifying the following line in the file:

```
INFO: Starting Servlet Engine: Apache Tomcat/6.0.45
```

2.7 Uninstallation steps

1. Stop the WEBGUI service.

    Log on to the master host as the cluster administrator and run:

```
> source $EGO_TOP/cshrc.platform

> egosh service stop WEBGUI
```

2. Restore the backup files.

    a. Remove the Tomcat folder (which was introduced by this solution), from the management hosts:

```
> rm -rf $EGO_TOP/gui/3.1/tomcat
```

    b. Restore the following files on all management hosts with the backed-up files:

```
$EGO_TOP/gui/3.1/tomcat/
```

    c. Clean up all working directories on all management hosts; delete all subdirectories and files from the following directory:

```
> rm -rf $EGO_TOP/gui/work/*
```

    d. Clean up the browser cache on all client hosts.

    e. Start the WEBGUI service on the upgraded cluster:

```
> source $EGO_TOP/cshrc.platform
> egosh service start WEBGUI
```

3. Copyright and trademark information