

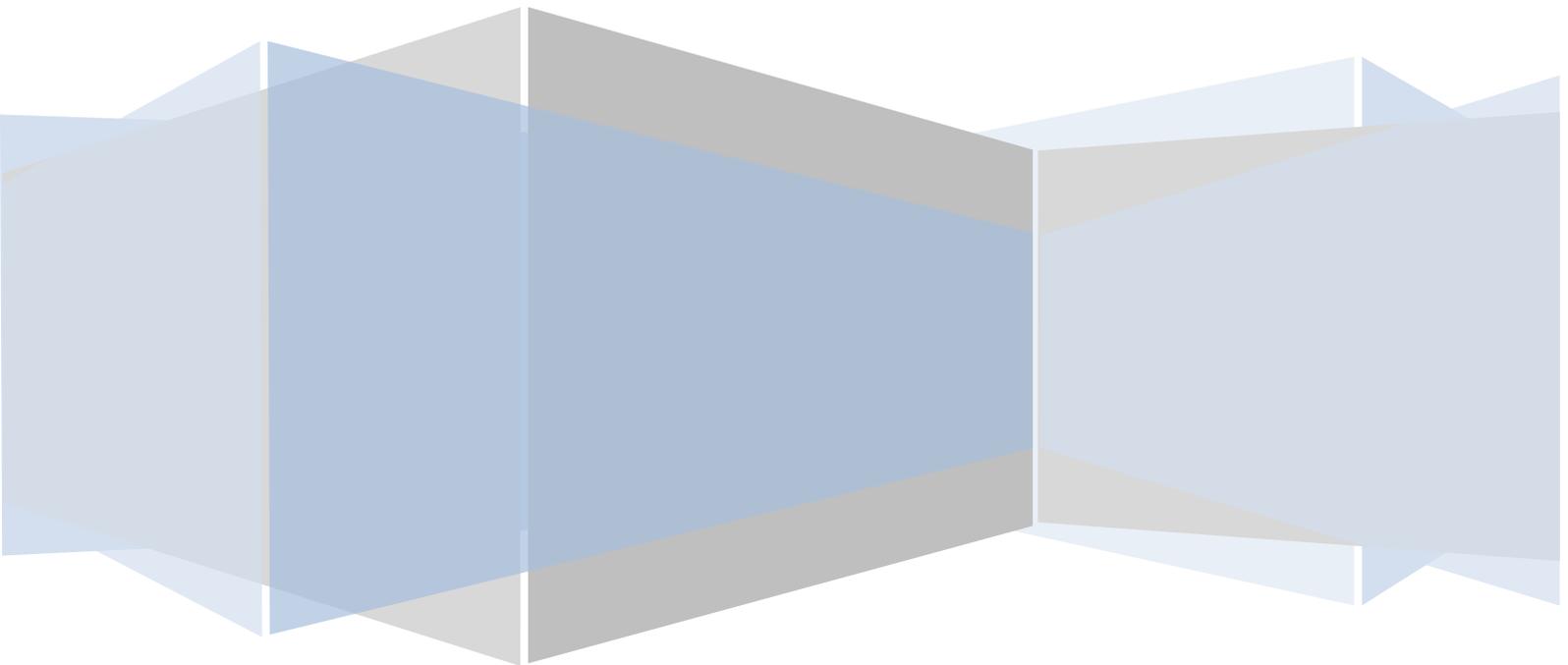
# SSO Plugin

## Integration for BMC MyIT

**J System Solutions**

<http://www.javasystemsolutions.com>

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## JSS SSO Plugin – Integration with BMC Dashboards

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## Introduction

This document covers installation and configuration of SSO Plugin for BMC MyIT. Separate documents are available for other BMC components (ie AR System, Dashboards).

The JSS [support website](#) contains all the SSO Plugin documentation and videos covering installation and configuration.

## SSO Plugin integration

SSO Plugin runs on the Mid Tier providing corporate SSO, and also extends SSO to MyIT through the *JSS Identity Federation Service*. This allows third party products, BMC or non-BMC, to be SSO enabled with the Mid Tier (and hence, AR System User form) as a single repository of data.

The flow of data is as follows:

1. When a request hits the SSO Plugin URL (<http://myithost:8080/myit/jss-sso.jsp>) on MyIT and no session exists, it is redirected to the Mid Tier running SSO Plugin.
2. The user passes through the configured SSO implementation and when complete, the request is sent back to MyIT with the AR System User form detail (such as their groups).
3. The SSO Plugin passes the username into MyIT which progresses through the existing MyIT login process.

## Configuring SSO Plugin

You must first set up SSO Plugin to enable the Identity Federation Service:

1. Login to the Mid Tier SSO Plugin setup page.
2. Tick 'Enable Identity Federation Service'.
3. Enter a unique key or press the button to create one. Take a note of the key.
4. Press 'Set configuration' and ensure the SSO Plugin still functions using the 'Test SSO' link.

## Installing SSO Plugin for BMC MyIT

To enable SSO Plugin for BMC MyIT, the following steps must be followed to copy the plugin to Dashboards:

1. Locate the Tomcat instance running MyIT. This can be achieved by reviewing the "Path to executable" in the Windows service properties. Typically, it is located at the location C:\Program Files (x86)\Apache Software Foundation\Tomcat7.0MyIT.
2. The MyIT web application is contained in a file called myit.war, which is not located in the web application. It can be found by viewing the myit.xml file in the tomcat\conf\Catalina\localhost directory.
3. Stop the MyIT Tomcat and rename myit.xml to myit.xml\_. This prevents the myit.war file being loaded through this method.
4. The MyIT application is deployed as a war file. This requires unpacking into the MyIT Tomcat webapps directory. There are a number of ways to do this but the easiest is as follows:
  - a. Move the myit.war file into the MyIT Tomcat webapps directory.
  - b. Start the MyIT Tomcat.
  - c. Wait for a minute; Tomcat will unpack the war file into tomcat\webapps\myit

- d. Stop the MyIT Tomcat.
  - e. Remove the myit.war file from the Tomcat webapps directory.
5. Locate a file called SSOLinkHandler.class within the MyIT web application and rename it to SSOLinkHandler.class\_ (add an underscore). This class is replaced by one within SSO Plugin. The file will be found in the tomcat\webapps\myit\WEB-INF\classes\com\bmc\bsm\myit\restapi directory.
  6. The MyIT web.xml file (in the WEB-INF directory) requires patching. We provide a tool on the JSS support website to do this for you (<http://www.javasystemsolutions.com/jss/service>) and recommend you use it, or you can do this manually by following these steps:
    - a. Open the web.xml.patch file from myit\WEB-INF, select all and copy to clipboard.
    - b. Open the myit\WEB-INF\web.xml file.
    - c. Paste the block of text copied to clipboard before the Authentication filter, ie.

```
... paste here ...
```

```
<filter>
```

```
<filter-name>AuthenticationFilter</filter-name>
```

- d. Referring to the patch pasted above, perform the following changes:

- i. **identityFederationServiceURL:** This points to the identity federation service running on the SSO Plugin installation. The identity federation service URL is /jss-sso/identityfederationservice, relative to the Mid Tier installation. Therefore, if the Mid Tier is installed at:

```
http://bmcMidTier:8080/arsys
```

then the **identityFederationServiceURL** is:

```
http://bmcMidTier:8080/arsys/jss-sso/identityfederationservice
```

- ii. **key:** This must be set to the federated identity key set in the Mid Tier SSO Plugin interface.
7. Restart the MyIT Tomcat instance.
  8. Navigate to: <http://host/myit/sso>. You should now be logged in as the AR System user to which your SSO user is mapped. Non-SSO access to MyIT is available via <http://host/myit>.