INSTALLATION INSTRUCTIONS FOR HOT FIX 31BIDASHMID04 ON HPUX FOR ITANIUM

BEFORE DOWNLOADING:

The hot fix 31BIDASHMID04 addresses the issue(s) in 3.1 of SAS BI Dashboard software on HPUX for ITANIUM as documented in the "Issue(s) Addressed" section of the hot fix download page:

http://ftp.sas.com/techsup/download/hotfix/bid31.html#31bidashmid04

The hot fix package downloaded is a self extracting executable named *31bidashmid04hx.tar*.

IMPORTANT NOTE(S):

1. You must have SAS BI Dashboard 3.1 installed on your system before applying this hot fix.

2. The hotfix must be installed using the same userid who performed the initial SAS BI Dashboard 3.1 installation.

3. You must have Administrator Privileges on your CLIENT or SERVER machine.

4. All currently active SAS sessions, daemons, spawners and servers must be terminated before applying this hot fix.

5. If you do not have a *<BID-install-dir>/BIDConfigure directory*, download the SAS BI Dashboard Add-On Installation Scripts from the **SAS BI Dashboard Add-on Installation Scripts** link on http://www.sas.com/apps/demosdownloads/setupintro.jsp. Unzip *BIDConfigure.zip* to *<BID-install-dir>*.

6. You should review SN-030709 at http://support.sas.com/kb/30709 before applying this hot fix. The security issue documented in this SAS Note is not addressed in this hot fix.

INSTALLATION:

Step 1:
Technical Support strongly suggests that you back up the files being replaced by this hot fix. You should always try to include the current date in the name of the backup file created to distinguish between versions of backup files. By doing this you will maintain a history of the file and this will be helpful when multiple iterations of a hot fix have been applied to the same file.

For example,

    cp sas.foo.jar sas.foo.jar.07012006

where 07012006 is the date when the hot fix is applied.

The .<date> extension MUST be appended AFTER the .jar extension as it appears above.

The files that should be backed up for this hot fix are listed in Step #5 of these INSTALLATION instructions.

Step 2:
Extract the contents of *31bidashmid04hx.tar* into a temporary directory, for example */tmp/31bidashmid04hx.*

        $> mkdir /tmp/31bidashmid04hx

        $> cd /tmp/31bidashmid04hx

        $> tar -xf $HOME/31bidashmid04hx.tar

where $HOME is the location to where the tar file was downloaded.

The tar command will extract the following files to the temporary directory:

        h6i/Setup_HPUX_IA64
        h6i/media.inf
        h6i/setup.jar

Step 3:
Verify that *Setup_HPUX_IA64* has execute permission. If it does not, use the *chmod* command to make it executable:

        $> cd /tmp/31bidashmid04hx/h6i

        $> chmod 755 Setup_HPUX_IA64

Step 4:
Initiate the installation wizard.

        $> export DISPLAY=<nodename>:0   *<==== set your display*

        $> cd /tmp/31bidashmid04hx/h6i

        $> ./Setup_HPUX_IA64

This will initiate the Java install wizard. Follow the prompts to complete the installation.

Step 5:
To verify the installation of the hot fix confirm that the file(s) in the location(s) below have been updated to the level indicated by the date provided:

<!SASHOME>/SASBIDashboard/3.1/recreate_bid.bat
Date: 11/30/07 (EST) *[+/- 1 day based on timezone]*

<!SASHOME>/SASBIDashboard/3.1/recreate_bid.sh
Date: 11/30/07 (EST) *[+/- 1 day based on timezone]*

<!SASHOME>/SASBIDashboard/3.1/Apps/war/BIDashboard/tiles-components/chooseQueryObject.jsp
Date: 10/22/07 (EST)

<!SASHOME>/SASBIDashboard/3.1/Apps/war/BIDashboard/tiles-components/indicatorEditorMain.jsp
Date: 09/17/07 (EST)

<!SASHOME>/SASBIDashboard/3.1/Apps/war/BIDashboard/tiles-layouts/lframe.jsp
Date: 10/05/10 (EST)

<!SASHOME>/SASBIDashboard/3.1/Apps/war/BIDashboard/WEB-INF/lib/sas.bi.dashboard.jar
Date: 10/07/10 (EST)

<!SASHOME>/SASBIDashboard/3.1/Apps/war/BIDashboard/WEB-INF/lib/sas.framework.webapp.i18n.jar
Date: 09/28/07 (EST)

<!SASHOME>/SASBIDashboard/3.1/Apps/war/BIDashboard/WEB-INF/lib/sas.solutions.webapp.i18n.jar
Date: 09/28/07 (EST)

CONFIGURATION AND DEPLOYMENT

Step 1: Un-deploy SAS BI Dashboard

Un-Deploy the SAS BI Dashboard from the application server. The instructions below should be considered minimal guidelines and not a substitute for following the application server documentation.

Tomcat

delete the directories: *<TomcatHome>/webapps/BIDashboard*
                                            and
                                            < TomcatHome >/work/Standalone/localhost/BIDashboard

WebLogic

1. Un-Deploy through the administrative console, usually located at the following URL:

http://<WeblogicHost>:7501/console

where *<WebLogicHost>* and *7501* are the host and port of the WebLogic administrative server.

WebSphere

1. Un-Deploy through the administrative console. This is usually located at the following URL:

   http://<WebSphereHost>:9090/console

   where W*ebSphereHost* and *9090* are the host and port of the WebSphere administrative server.

2. Log in to the WebSphere admin console.

3. Select **Enterprise Applications** from **Applications tasks**.

4. Check the Checkbox corresponding to BIDashboard_war.

5. Click Uninstall.

6. Click "OK" to confirm the uninstall.

7. Save changes to the master configuration.

Step 2: Copy recreate_bid script to *<BID-install-dir>/BIDConfigure*

Copy the file installed by the hot fix

   <!SASHOME>/SASBIDashboard/3.1/recreate_bid.sh

to

   <!SASHOME>/SASBIDashboard/3.1/**BIDConfigure**/recreate_bid.sh

For example:

   /usr/local/SAS913/ SASBIDashboard/3.1/BIDConfigure/recreate_bid.sh

Step 3: Execute recreate_bid

The command to execute *recreate_bid* program is:

   ./recreate_bid.sh [path-to-Portal-install.properties]

There might already be an *install.properties* in the *<BID-install-dir>/BIDConfigure* directory. If this file exists, and if the Portal's *install.properties* has not changed since *configure_bid* was last run, the path-to-Portal-install.properties can be omitted.

Otherwise, the path to the Portal's *install.properties* should be specified on the command line.

The script performs three tasks:

1) rebuilds BIDashboard.war in <BID-install-dir>/Apps/war
2) copies <BID-install-dir>/Apps/war/BIDashboard.war to *<SAS-Config-Dir>*/web/webapps
3) copies <BID-install-dir>/Apps/war/BIDashboard to *<SAS-Config-Dir>*/web/webapps/exploded

<u>**Step 4**</u>: Deploy SAS BI Dashboard

Deploy the SAS BI Dashboard to the application server. The instructions below should be considered minimal guidelines and not a substitute for following the application server documentation for deploying applications.

Tomcat

Copy the contents of the directory

> *<SAS-Config-Dir>/web/webapps/exploded/BIDashboard*

to

> *<TomcatHome>/webapps/BIDashboard*

WebLogic

1. Deploy through the administrative console, usually located at the following URL:

    http://<WebLogicHost>:7501/console

   where *<WebLogicHost>* and *7501* are the host and port of the WebLogic administrative server.

2. Log in to the WebLogic admin console and deploy

    <SAS-Config-Dir>/web/webapps/exploded/BIDashboard.

   After the application is deployed, ensure that the load order value for SAS BI Dashboard is greater than the SAS Information Delivery Portal, which is typically 100.

WebSphere

1. Deploy through the administrative console. This is usually located at the following URL:

    http://<WebSphereHost>:9090/console

   where *<WebSphereHost>* and *9090* are the host and port of the WebSphere administrative server.

2. Log in to the WebSphere admin console.

3. Select **Install New Application** from Applications tasks.

4. On the **Prepare for the Application Install** page specify the path:

   <SAS-Config-Dir>/web/webapps/BIDashboard.war

   and Config root:

   BIDashboard

   Click **Next**.

5. On the next screen, check the **Generate Default Bindings** box and click **Next**. (This may take a few minutes.)

6. On the screens that follow, accept the defaults by clicking **Continue** and then **Finish**. (This may also take a few minutes.)

7. When the message "Application BIDashboard was installed successfully" appears, click the **Save to Master Configuration** link and then click **Save**.

8. Restart the WebSphere server.

POST-CONFIGURATION INSTRUCTIONS

To address the problem documented in

   Problem Note 31903: SAS® BI Dashboard does not function properly when it is deployed in a separate Tomcat instance

the following steps must be performed:

1. Edit the BIDashboard.config file located in<SAS-Config>\Lev1\SASBIDashboard

2. Add the following parameter at the bottom of the file BIDashboard.config file if the portal context name has changed:

   Portal.root=/newportalname/

   where newportalname is replaced with your site specific Portal context name.

3. If there is a separate instance of Tomcat involved, the parameter needs to include the complete URL. For example:

   Portal.root=http://hostname:port#/newportalname

   where hostname, port# and newportalname are replaced with your site specific details.

4. Restart Tomcat.

This completes the installation of hot fix 31BIDASHMID04.