INSTALLATION INSTRUCTIONS FOR HOT FIX 51BES04 ON WINDOWS

BEFORE DOWNLOADING:

The hot fix 51BES04 addresses the issue(s) in SAS Digital Marketing 5.1 software on Windows as documented in the "Issue(s) Addressed" section of the hot fix download page:

http://ftp.sas.com/techsup/download/hotfix/bes51.html#51bes04

IMPORTANT NOTE(S):

1. You must have SAS Digital Marketing 5.1 installed on your system before applying this hot fix.

2. You must install the hot fix by using the same user ID that you used to install the SAS Digital Marketing 5.1 product. The vpd.properties file from the initial installation must be in the user's home directory.

3. You must have Administrator Privileges on your machine.

4. Before applying this hot fix, you must terminate all currently active SAS sessions, Object Spawners, Metadata Servers, and SAS Digital Marketing Server.

5. After installing this hot fix on your SAS Digital Marketing server and reconfiguring and redeploying the bess and sdm war files please be sure to run the hot fix installer on your SAS Digital Marketing client computers.

INSTALLING THIS HOT FIX:

The hot fix package downloaded is a self extracting executable named *51bes04wn.exe.*

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, which will be helpful when multiple iterations of a hot fix have been applied to the same file.

*** IMPORTANT NOTE: For the jar files, these backups must be created in a directory other than the directory that the original file resides in.

For example, copy the file
    c:\foo\sas.foo.jar
    to
    c:\foo_backup\sas.foo.jar.06072010

Where 06072010 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:

       C:\Program Files\SAS\SASDigitalMarketing\5.1\CIExtension.class
       C:\Program Files\SAS\SASDigitalMarketing\5.1\doc\lib\sas.email.broadcast.jar
       C:\Program Files\SAS\SASDigitalMarketing\5.1\lib\sas.email.api.jar
       C:\Program Files\SAS\SASDigitalMarketing\5.1\lib\sas.email.clients.jar
       C:\Program Files\SAS\SASDigitalMarketing\5.1\lib\sas.email.core.jar
       C:\Program Files\SAS\SASDigitalMarketing\5.1\lib\sas.email.tracking.jar
       C:\Program Files\SAS\SASDigitalMarketing\5.1\lib\sas.email.webapp.jar
       C:\Program Files\SAS\SASDigitalMarketing\5.1\lib\sas.jdbc.util.jar
       C:\Program Files\SAS\SASDigitalMarketing\5.1\lib\sas.xsl.util.jar
       C:\Program Files\SAS\SASDigitalMarketing\5.1\mid\bess.war
       C:\Program Files\SAS\SASDigitalMarketing\5.1\mid\sdm.war

These instructions assume that SAS E-mail Marketing 5.1 has been installed in the default location:

       C:\Program Files\SAS\ SASDigitalMarketing\5.1

If you have installed this product in a different location, you will need to modify the paths that are shown in these instructions.

2. Launching the executable, *51bes04wn.exe* will initiate the install wizard, which will guide you through the setup process.

3. Verify the installation of the hot fix by confirming that the file(s) in the location(s) below have been updated by the installer to the level indicated by the date provided:

  <!SASHOME>\SASDigitalMarketing\5.1\CIExtension.class
  Date: 10/09/2008 (EST)

 <!SASHOME>\SASDigitalMarketing\5.1\doc\lib\sas.email.broadcast.jar
  Date: 06/08/2010 (EST)

  <!SASHOME>\SASDigitalMarketing\5.1\lib\sas.email.api.jar
  Date: 06/08/2010 (EST)

  <!SASHOME>\SASDigitalMarketing\5.1\lib\sas.email.clients.jar
  Date: 06/08/2010 (EST)

  <!SASHOME>\SASDigitalMarketing\5.1\lib\sas.email.core.jar
  Date: 06/08/2010 (EST)

  <!SASHOME>\SASDigitalMarketing\5.1\lib\sas.email.tracking.jar
  Date: 06/08/2010 (EST)

  <!SASHOME>\SASDigitalMarketing\5.1\lib\sas.email.webapp.jar
  Date: 06/08/2010 (EST)

  <!SASHOME>\SASDigitalMarketing\5.1\lib\sas.jdbc.util.jar
  Date: 06/08/2010 (EST)

<!SASHOME>\SASDigitalMarketing\5.1\lib\sas.xsl.util.jar
Date: 06/08/2010 (EST)

<!SASHOME>\SASDigitalMarketing\5.1\mid\bess.war
Date: 06/08/2010 (EST)

<!SASHOME>\SASDigitalMarketing\5.1\mid\sdm.war
Date: 06/08/2010 (EST)

4. On the server run "sconfig" and run through the configuration. In the wizard make sure you choose "Create a new tracking deployment".

5. Re-deploy the configured bess.war and sdm.war to your middle tier locations. The deployed WARs should be in "<!SASHOME>\SASDigitalMarketing\5.1\deployments". Check the dates to make sure the deployment wars have been updated.

6. Test sdm.war with the "hf.html" page (http://deployedhost/sdm/hf.html). This page should display the following message "SDM 5.1 Hot Fix 4 Confirmation"

7. Test bess.war with the "hf.html" page (http://deployedhost/bess/hf.html). This page should display the following message "SDM 5.1 Hot Fix 4 Confirmation"

This completes the installation of hot fix 51BES04 on Windows.

SDM Hot fix Addendum

Please review the following SAS Notes if you have not already installed Hot Fix 2. These server properties and content changes were introduced with Hot Fix 2 and persist into subsequent Hot Fixes.

1. SN-035722
   URL parameters passed by SAS® Digital Market are visible, which creates the potential for misuse

A new server property **AllowURLCustomizations** has been added. When this server property is explicitly set to false the URL parameters are not used for content customization in the "pub" family of servlets. Instead the tracked variables on the URL are used for formulate a where clause on the recipient tables used by the broadcast. The customization parameters are loaded from the recipient table provided the tracked variables find a match of exactly one observation in one of the recipient tables. If more than one match is found or no match is found then the customization variables all end up being blank ... Dear Valued Customer case. The broadcast must be designed for the track variables to uniquely identify each recipient, which should be that way regardless of web publication. For debugging purposes a second server property,

WebPublicationDebug has been added. When this server property is true the pub servlet displays the customization XML along with the SQL where clauses used to resolve the recipient.

There is also a new server property **WebPublicationKeys** which will allow you to specify which database keys from the tracked links to use when resolving the customization data. Typically it is not necessary to set this value and it is resolved from the tracked links, but in the case of the MA you may want to specify explicit keys for more structured data. For example, WebPublicationKeys can be set to "char rtc,num s1" if you are using marketing automation with a single subject id.

1. SN-035705
   Access to the JDBC Explorer in SAS® Digital Marketing Studio is not controlled

The server property **DisableJDBCExplorer** has been added. This server property can only be set by editing server.properties directly on the server. Once set the JDBC explorer will not come up for any users - the following message is displayed - "The JDBC Explorer has been disabled by your administrator".

2. SN-035702
   ASP broadcasts in SAS® Digital Marketing can now use encoding other than UTF-8

After installing this hot fix, if an ASP broadcast's parameters need to be encoded in anything besides UTF-8, the !EM_ENCODING! directive containing the encoding of choice must be added to the content.

3. SN-035708
   SAS® Digital Marketing Studio might become unstable if the SMTP server is rejecting multiple e-mail addresses

PreserveFailedMessages server property now controls whether or not a throttled or spooled message is deleted after a failure.