INSTALLATION INSTRUCTIONS FOR HOT FIX 53DMINE04 ON SOLARIS

BEFORE DOWNLOADING:

The hot fix 53DMINE04 addresses the issue(s) in SAS Enterprise Miner 5.3 Software on Solaris as documented in the "Issue(s) Addressed" section of the hot fix download page:

   http://ftp.sas.com/techsup/download/hotfix/nls_op_ja.html#53dmine04

IMPORTANT NOTE(S):

1. You must have SAS Enterprise Miner 5.3 installed on your system before applying this hot fix.

2. It is always recommended that a backup of the original files be made whenever deploying any patch.

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. This hot fix should be installed using the same userid who performed the initial SAS Enterprise Miner 5.3 installation.

INSTALLATION:

The hot fix package downloaded is a tar file named *53dmine04s6.tar*.

1. Extract the contents of *53dmine04s6.tar* to a temporary directory. For example,

       $ cd /tmp
       $ tar -xf 53dmine04s6.tar

This will create a directory named 53dmine04 which contains the files

   53da04s6.tar
         contains SAS Enterprise Miner 5.3 back-end server updates

   53dmineclt04s6.tar
         contains SAS Enterprise Miner 5.3 client updates (for Solaris)

   53dmineclt04wn.exe
         contains SAS Enterprise Miner 5.3 client updates (for Windows)

Each individual hot fix installer should be copied to the appropriate machine(s) where the components to be updated are installed.

2. Use the instructions below to update the individual components that are applicable to your implementation.

Installing 53da04s6.tar

This installation process will install the updated files to the SAS Enterprise Miner 5.3 back-end server on Solaris.   In these instructions, the directory where SAS 9.1.3 (9.1 TS1M3) and SAS Enterprise Miner 5.3 are installed is:

    /usr/lib/sas913

1. Login as the same userid that installed SAS and invoke the SAS Setup

        $ cd /usr/lib/sas913
        $ ./sassetup

2. From the Primary Menu select Run Setup Utilities

        Primary Menu
        ----
          1. Update an Existing Installation
        * 2. Run Setup Utilities
          ----
          g: Go back   q: Quit   h: Help

          Action? (1) 2

3. From the Setup Utilities Menu select Run Technical Support Tools

        Setup Utilities Menu
        ----
          1. Renew SAS Software
          2. Perform SAS Software Configuration
          3. Perform Product-Specific Configuration
        * 4. Run Technical Support Tools
          5. List Previously Installed Software
          ----
          g: Go back   q: Quit   h: Help

          Action? (1) 4

4. From the Technical Support Tools Menu select Install applicable hotfixes

```
Technical Support Tools Menu
---------------------------
    1.  Check this computer against SAS system requirements
    2.  List installed operating system components/patches
  * 3.   Install applicable hotfixes
    4.  List all installed hotfixes
    ------------------------------
    g: Go back   q: Quit    h: Help
    ------------------------------
    Action? (1) 3
```

5. Specify the location of the hot fix(es) to be installed.

For example:

> Please enter the full directory path that contains your downloaded SAS
> HotFixes or the full filename path for a single SAS HotFix. Do not enter a
> relative path.
> --> **/users/userid/53da04s6.tar**

(Optional)
6. From the Technical Support Tools Menu select List all installed hotfixes

```
Technical Support Tools Menu
---------------------------
    1.  Run Revcheck tool to check system settings
    2.  Install applicable hotfixes
  * 3.   List all installed hotfixes
    ------------------------------
    g: Go back   q: Quit    h: Help
    ------------------------------
    Action? (3) 3
```

All configuration file updates and utility configurations are handled by the installation.

The files installed include:

```
!SASROOT/hotfix/sasexe/sasarbor
!SASROOT/hotfix/sasexe/sasarbr
!SASROOT/hotfix/sasexe/sassplit
!SASROOT/hotfix/sasexe/sasspt01
!SASROOT/hotfix/sasexe/sasspt02
!SASROOT/hotfix/sasexe/sastscor

!SASROOT/dbcs/hotfix/sasexe/sastscor

!SASROOT/hotfix/sashelp/emconvrt.sas7bcat
!SASROOT/hotfix/sashelp/emcore.sas7bcat
!SASROOT/hotfix/sashelp/emexpl.sas7bcat
!SASROOT/hotfix/sashelp/emfunc.sas7bcat
```

```
!SASROOT/hotfix/sashelp/emmdfy.sas7bcat
!SASROOT/hotfix/sashelp/emmeta.sas7bcat
!SASROOT/hotfix/sashelp/emmodl.sas7bcat
!SASROOT/hotfix/sashelp/emreprt.sas7bcat
!SASROOT/hotfix/sashelp/emsamp.sas7bcat
!SASROOT/hotfix/sashelp/emutil.sas7bcat

!SASROOT/nls/ja/hotfix/sashelp/emcore.sas7bcat
!SASROOT/nls/ja/hotfix/sashelp/emfunc.sas7bcat
!SASROOT/nls/ja/hotfix/sashelp/emmdfy.sas7bcat
!SASROOT/nls/ja/hotfix/sashelp/emmodl.sas7bcat
!SASROOT/nls/ja/hotfix/sashelp/emsamp.sas7bcat
!SASROOT/nls/ja/hotfix/sashelp/emutil.sas7bcat

!SASROOT/nls/ja.sjis/hotfix/sashelp/emcore.sas7bcat
!SASROOT/nls/ja.sjis/hotfix/sashelp/emfunc.sas7bcat
!SASROOT/nls/ja.sjis/hotfix/sashelp/emmdfy.sas7bcat
!SASROOT/nls/ja.sjis/hotfix/sashelp/emmodl.sas7bcat
!SASROOT/nls/ja.sjis/hotfix/sashelp/emsamp.sas7bcat
!SASROOT/nls/ja.sjis/hotfix/sashelp/emutil.sas7bcat
```

Installing 53dmineclt04s6.tar

This installer should be run on clients installed on Solaris.

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.

For example,

```
cp  sas.foo.jar  sas.foo.jar.08012008
```

where 08012008 is the date when the hot fix is applied.

The .<date> extension MUST be appended AFTER the .jar extension as it appears above to avoid unexpected results due to jar mismatching.

The files that should be backed up for this hot fix are listed in Step #5 below.

2. Extract the contents of 53dmineclt04s6.tar into a temporary directory, for example /tmp/53dmineclt04.

```
$> mkdir /tmp/53dmineclt04
```

```
$> cd /tmp/53dmineclt04
```

```
$> tar -xf $HOME/53dmineclt04s6.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:

```
s64/Setup_Solaris_Sparc
s64/media.inf
s64/setup.jar
```


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


```
$> cd /tmp/53dmineclt04/s64
$> chmod 755 Setup_Solaris_Sparc
```

4. Initiate the installation wizard


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

```
$>  cd /tmp/53dmineclt04/s64
```

```
$>  ./Setup_Solaris_Sparc
```


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

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>/SASAPCore/apps/EnterpriseMiner/conf/context.xml
    Date: 04/09/09 (EST)

    <!SASHOME>/SASAPCore/apps/EnterpriseMiner/conf/components/Association.xml
    Date: 01/18/08 (EST)

    <!SASHOME>/SASAPCore/apps/EnterpriseMiner/conf/components/Binning.xml
    Date: 01/18/08 (EST)

    <!SASHOME>/SASAPCore/apps/EnterpriseMiner/conf/components/IGN.xml
    Date: 01/18/08 (EST)

    <!SASHOME>/SASAPCore/apps/EnterpriseMiner/conf/components/Transform.xml
    Date: 06/10/08 (EST)

<!SASHOME>/SASAPCore/apps/EnterpriseMiner/lib/sas.analytics.emapi.jar
Date: 04/21/09 (EST)

<!SASHOME>/SASAPCore/apps/EnterpriseMiner/lib/sas.analytics.eminer.war
Date: 04/21/09 (EST)

<!SASHOME>/SASAPCore/apps/EnterpriseMiner/lib/sas.analytics.emserver.jar
Date: 04/21/09 (EST)

<!SASHOME>/SASAPCore/apps/EnterpriseMiner/lib/sas.analytics.emserver.session.jar
Date: 04/21/09 (EST)

<!SASHOME>/SASAPCore/apps/EnterpriseMiner/lib/sas.analytics.emui.jar
Date: 07/21/09 (EST)

<!SASHOME>/SASAPCore/apps/EnterpriseMiner/lib/sas.em.silk.jar
Date: 03/03/08 (EST)

<!SASHOME>/SASAPCore/apps/EnterpriseMiner/lib/sas.analytics.em.smc.jar
Date: 08/15/08 (EST)

<!SASHOME>/SASManagementConsole/9.1/plugins/sas.analytics.em.smc.jar
Date: 08/15/08 (EST)

Post-installation instructions for UNIX-based client

The default hot fix installation location for SAS Management Console plugins is
<!SASHOME>/SASManagementConsole/9.1/plugins.   If SAS Management Console is installed
on your server machine in a non-default location, verify the date stamp on

<!SASHOME>/SASAPCore/apps/EnterpriseMiner/lib/sas.analytics.em.smc.jar

then manually copy this file to your <!SASHOME>/SASManagementConsole/9.1/plugins
directory.

Installing 53dminecIt04wn.exe

This installer should be run on clients installed on Windows.

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.

For example,

cp sas.foo.jar sas.foo.jar.08012008

where 08012008 is the date when the hot fix is applied.

The .<date> extension MUST be appended AFTER the .jar extension as it appears above
to avoid unexpected results due to jar mismatching.

The files that should be backed up for this hot fix are listed in Step #3 below.

2. Launch *53dmineclt04wn.exe*. This will initiate the installation wizard, which will guide you
through the setup process. The installation process will install the updated files to the SAS
Enterprise Miner 5.3 client.

3.   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:

        C:\ProgramFiles\SAS\SASAPCore\apps\EnterpriseMiner\conf\context.xml
            Date: 04/09/09 (EST)

        C:\ProgramFiles\SAS\SASAPCore\apps\EnterpriseMiner\conf\components\Association.x
        ml
            Date: 01/18/08 (EST)

        C:\ProgramFiles\SAS\SASAPCore\apps\EnterpriseMiner\conf\components\Binning.xml
            Date: 01/18/08 (EST)

        C:\ProgramFiles\SAS\SASAPCore\apps\EnterpriseMiner\conf\components\IGN.xml
            Date: 01/18/08 (EST)

        C:\ProgramFiles\SAS\SASAPCore\apps\EnterpriseMiner\conf\components\Transform.x
        ml
            Date: 06/10/08 (EST)

        C:\ProgramFiles\SAS\SASAPCore\apps\EnterpriseMiner\lib\sas.analytics.emapi.jar
            Date: 04/21/09 (EST)

        C:\ProgramFiles\SAS\SASAPCore\apps\EnterpriseMiner\lib\sas.analytics.eminer.war
            Date: 04/21/09 (EST)

        C:\ProgramFiles\SAS\SASAPCore\apps\EnterpriseMiner\lib\sas.analytics.emserver.jar
            Date: 04/21/09 (EST)

        C:\ProgramFiles\SAS\SASAPCore\apps\EnterpriseMiner\lib\sas.analytics.emserver.sessi
        on.jar
            Date: 04/21/09 (EST)

        C:\ProgramFiles\SAS\SASAPCore\apps\EnterpriseMiner\lib\sas.analytics.emui.jar
            Date: 07/21/09 (EST)

C:\ProgramFiles\SAS\SASAPCore\apps\EnterpriseMiner\lib\sas.em.silk.jar
    Date: 03/03/08 (EST)

C:\ProgramFiles\SAS\SASAPCore\apps\EnterpriseMiner\lib\sas.analytics.em.smc.jar
    Date: 08/15/08 (EST)

C:\ProgramFiles\SAS\SASManagementConsole\9.1\plugins\sas.analytics.em.smc.jar
    Date: 08/15/08 (EST)

Post-installation instructions for Windows-based client

The default hot fix installation location for SAS Management Console plugins is
C:\ProgramFiles\SAS\SASManagementConsole\9.1\plugins.   If SAS Management Console is
installed on your client machine in a non-default location, verify the date stamp on

C:\ProgramFiles\SAS\SASManagementConsole\9.1\plugins\sas.analytics.em.smc.jar

then manually copy this file to your <SASHOME>\SASManagementConsole\9.1\plugins
directory.

This completes the installation of hot fix 53DMINE04 on Solaris.