

INSTALLATION INSTRUCTIONS FOR HOT FIX 13PRF02 ON AIX

BEFORE DOWNLOADING:

The hot fix 13PRF02 addresses the issue(s) in SAS Profitability Management 1.3 as documented in the "Issue(s) Addressed" section of the hot fix download page:

<http://ftp.sas.com/techsup/download/hotfix/profmgt13.html#13prf02>

IMPORTANT NOTE(S):

1. You must have SAS Profitability Management 1.3 installed on your system before applying this hot fix. Additionally, a working model must exist in SAS Profitability Management 1.3 before this hotfix is applied.
2. It is always recommended that a backup of the original files be made whenever deploying any hot fix. This includes backing up the SAS Profitability Management Model database, for example the files in directory `<SAS-Config-Dir>/Lev1/Data/SASProfitabilityManagement/models/pmmmodel` if this is where your Profitability Management Model database resides.
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.

INSTALLATION:

The hot fix package downloaded is a tar file named 13prf02r6.tar.

- . Extract the contents of 13prf02r6.tar to a temporary directory. For example,

```
$ cd /tmp
```

```
$ tar -xf 13prf02r6.tar
```

This will create a directory named 13prf02 which contains the files

```
13ab01r6.tar  
    contains SAS Transaction Assignment Server 1.3 updates
```

```
13abmprofmid02r6.tar  
    contains SAS Profitability Management Mid-Tier 1.3 updates
```

```
13abmprofclnt02wn.exe (Windows)  
    contains SAS Profitability Management Client 1.3 updates
```

Each individual hot fix file 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 13ab01r6.tar

In these instructions, the directory where SAS 9.1.3 (9.1 TS1M3) and SAS Profitability Management 1.3 are installed is:

```
/usr/lib/sas913
```

The following message will be displayed if 13AB01R6 has already been applied to your installation:

```
Checking Package: 13ab01r6.tar  
HotFix 13AB01R6 has already been successfully installed.
```

Continue to the next step of this hot fix installation: *Installing 13abmprofmid02r6.tar*

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/13ab01r6.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/sastrana
```

Installing 13abmprofmid02r6.tar

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.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 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 13abmprofmid02r6.tar into a temporary directory, for example `/tmp/13abmprofmid02`.

```
$> mkdir /tmp/13abmprofmid02
$> cd /tmp/13abmprofmid02
$> tar -xf $HOME/13abmprofmid02r6.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:

```
r64/Setup_AIX_Power
r64/media.inf
r64/setup.jar
```

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

```
$> cd /tmp/13abmprofmid02/r64
$> chmod 755 Setup_AIX_Power
```

4. Initiate the installation wizard

```
$> export DISPLAY=<nodename>:0      <==== set your display
$> cd /tmp/13abmprofmid02/r64
$> ./Setup_AIX_Power
```

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>/SASProfitabilityManagement/1.3/SASProfitability.war/WEB-INF/lib/com.sas.solutions.profitability.common.core_1.3.0.jar  
Date: 07/10/09 (EST)
```

```
<!SASHOME>/SASProfitabilityManagement/1.3/SASProfitability.war/WEB-INF/lib/sas.solutions.profitability.webapp.jar  
Date: 06/03/08 (EST)
```

6. Update files in the SAS configuration and Tomcat directories.

6.1 Stop Tomcat

6.2 Copy the 2 jar files listed in #5 above to these two locations:

```
<SAS-Config-Dir>/Lev1/web/webapps/ exploded/SASProfitability.war/WEB-INF/lib
```

```
<!TomcatRoot>/webapps/SASProfitability/WEB-INF/lib
```

6.3 Start Tomcat

Installing 13abmprofclnt02wn.exe (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.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 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 **13abmprofclnt02wn.exe**, which will initiate a Java install wizard and will guide you through the extraction of the updated components.

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:

ProgramFiles\SAS\SASProfitabilityManagement\1.3\plugins\com.sas.solutions.profitability.client_1.3.0.jar
Date: 05/27/08 (EST)

ProgramFiles\SAS\SASProfitabilityManagement\1.3\plugins\com.sas.solutions.profitability.common.core_1.3.0.jar
Date: 07/10/09 (EST)

This completes the installation of hot fix 13PRF02 ON AIX.