ADS2014.01 hotfix	ads 2014 01 hfH
Applicable for	Windows, Linux
Version	410.hfH

Purpose

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This document describes the installation instructions for ADS2014.01 hotfix (version: 410.hf3), which needs to be installed on top of existing ADS2014.01 installation.

Prerequisite

You can install the hotfixes on the top of ADS installation directory only. Therefore, you need to install ADS2014.01 before installing the hotfixes.

Also, if your ADS installation has any previous hotfixes already installed, before installing current hotfix, users need *not* to remove previous hotfixes. Current hotfix can be installed on top of existing hotfixes.

Precautions

1. Please close ADS2014.01, kill all the background processes related to ADS2014.01 including Job Manager and Remote simulation, before installing the hotfix."
2. Please do not start ADS2014.01 while hotfix installation is in progress.
3. Please do not interrupt the hotfix installation while it is in progress.
4. Please Disable/Minimize UAC in case of Windows7 before installing hotfix.
5. Make sure any of these listed process are not running while installing hot fix.
   ("hpeesofde" , "hpeesofemx" , "hpeesofdds" , "hpeesofhelp" , "hpeesofsim", "hpeesofsess","hpeesofpkg", "MomEngine", "agilent-vacomp", "eesofpvm*")

   Note: For more details please look into the instruction notes in **Known Issues and Workaround**

Installing the ADS Hotfix on Windows

1. Download the installer archive *"ads_2014_01_hf3_win.zip".*
2. Extract the contents of the zip file. After extraction, a directory *"ads_2014_01_hf3_win"* will be created.

> *Note:* Please make sure that the location does not have spaces in the directory name. (**e.g**: Extracting zip file to directories like "c:\documents and settings" may lead to installation failures. Therefore, it is advisable not to extract into such directories).

3. In the extracted directory *"ads_2014_01_hf3_win*", there will be an executable *"ads_2014_01_hf3.exe"* and a batch file *"install_ads_2014_01_hf3.bat"* in "hf_files" folder, either can be used to install hotfix.

4. Windows XP:

> a. Double click on *"ads_2014_01_hf3.exe"* and installer will be launched. Follow the installer screens till the completion.
>
> <div align="center">Or</div>
>
> b. Double click on *"install_ads_2014_01_hf3.bat",* command window popup. Follow the instruction till the completion.

5. Windows 7:

> a. Right click on *"ads_2014_01_hf3.exe"* and select *"run as administrator".*
> Installer will be launched. Follow the installer screens till the completion.
>
> <div align="center">Or</div>
>
> b. Right click on *"install_ads_2014_01_hf3.bat"* and select *"run as administrator".*
> Command window popup. Follow the instruction till the completion.

Note: We are introducing batch file for installation from this hotfix which haven't qualified fully.

Verification of successful installation of ADS hotfix on Windows

1. Launch the short cut: *"start > All Programs > Advanced Design System 2014.01 > ADS tools > hotfixes > Show list of installed hotfixes and addons".*

This shortcut will show the list of installed hotfixes on ADS2014.01.

Note: In the case of **Windows 7**, if you launch the hotfix installer by double clicking on it instead of *"run as administrator*", above shortcut will not be created.

In this case, as a workaround, you can see the list of installed hotfixes on ADS2012.08 by running the executable *"list_of_hotfixes_and_addons.exe"* located in *<ADS installation directory>/bin.*

Uninstalling the ADS Hotfix on Windows

1. Using Windows explorer, open the *"hotfixes"* folder in the ADS installation directory.

2. Run the batch file *"remove_ads_2014_01_hf3.bat"* by double-clicking on it.

3. User will be asked to enter the ADS installation directory location. Specify ADS2014.01 installation directory location at the prompt and click **Enter**.

4. The hotfix un-installation process will start. Various status messages will be displayed during un-installation of the hotfix.

5. At the end of successful un-installation, a message "*hotfix un-installed successfully*" will be displayed.

Important notes:
1. Please do *not* cancel the hot fix un-installation while it is in progress. Please do not close the batch window during hot fix un-installation. Any of these operations can make the ADS installation directory un-usable.
2. Un-install all the previously installed hot fixes before un-installing ADS base release or if ADS base release is un-installed first then remove all the hot fix thrashes (folder) after un- installing ADS base release.

Installing the ADS Hotfix on Linux

1. Download the installer archive *"*ads_2014_01_hf3_linux.zip*"*

2. Open a terminal and set the HPEESOF_DIR environment variable to the existing ADS2014.01 installation directory.

   > *e.g:* Assuming ADS 2012.08 is installed at */disk1/ADS2014.01*,

   > *HPEESOF_DIR=/disk1/ADS2014.01; export HPEESOF_DIR* # bourne or K shell

   > *setenv HPEESOF_DIR /disk1/ADS2014.01* # C shell

3. Extract the contents of the zip file by running the following command on terminal:

unzip ads_2014_01_hf3_linux.zip

6. After extraction, a directory *"ads_2014_01_hf3_linux"* will be created.

7. Change the directory to the *"ads_2014_01_hf3_linux"* and execute the shell script: *"install_ads_2014_01_hf3.sh"* as follows:

   > *e.g: ./ install_ads_2014_01_hf3.sh*

6. You will be prompted to confirm the hotfix installation. Please press "y" at the prompt.

7. Hotfix Installation will start and various messages will be displayed to indicate the progress. At the end of successful installation, a message *"hotfix installed successfully"* will be displayed.

Important note: Please do not cancel the hotfix installation while it is in progress. This can make the ADS installation directory un-usable.

Verification of successful installation of ADS hotfix on Linux

1. Open a terminal and Set the HPEESOF_DIR environment variable to ADS2014.01 installation directory.

   For example, if **ADS 2014.01** is installed at **/disk1/ADS2014.01**, then specify the following values for HPEESOF_DIR Environment variable:

   HPEESOF_DIR=/disk1/ADS2014.01; export HPEESOF_DIR # bourne or K shell **setenv**

   HPEESOF_DIR /disk1/ADS2014.01 # C shell

2. Change the directory to **"$HPEESOF_DIR/hotfixes"** and execute the shell script: **"list_installed_hotfixes.sh"**.

   e.g: ./ list_installed_hotfixes.sh

3. You will see the list of the hotfixes as shown below:

List of regular hotfixes:

Version	Hotfix_name	Date_of_installation	status
410.hf3	*ads_2014_01_hf3*	*Apr* 23 , 2014	installed

Uninstalling the ADS Hotfix on Linux

1. Open a terminal and set the **HPEESOF_DIR** environment variable to ADS2014.01 installation directory.

For example, if ADS2014.01 is installed at **/disk1/ADS2014.01,** then specify the following values for HPEESOF_DIR environment variable:

> **HPEESOF_DIR=/disk1/ADS2014.01; export HPEESOF_DIR** # bourne or K shell **setenv**
>
> **HPEESOF_DIR /disk1/ADS2014.01** # C shell

2. Change the directory to "$HPEESOF_DIR/hotfixes" and execute the shell script:

"remove_ads_2014_01_hf3.sh".
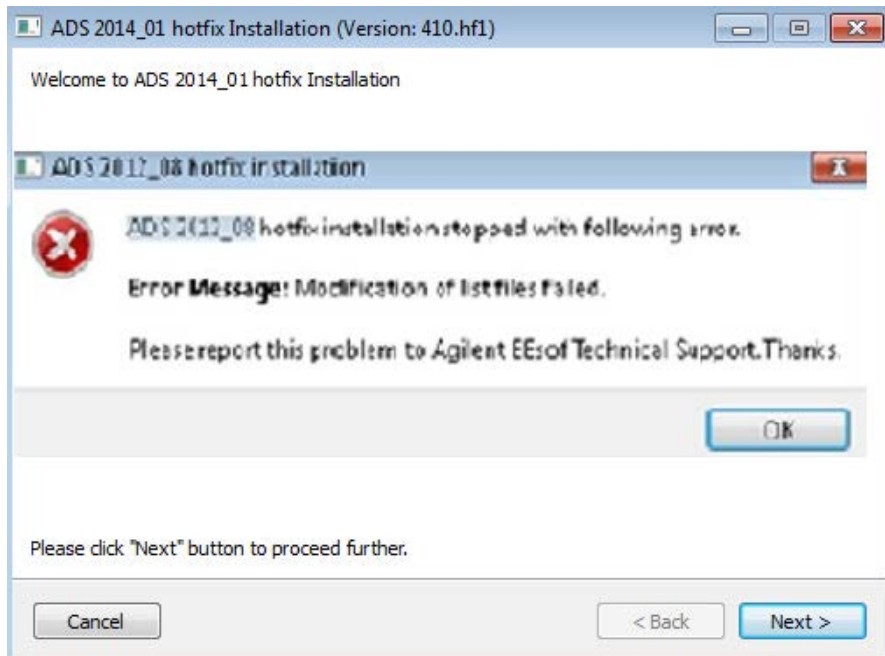
> e.g.:**/ remove_ads_2014_01_hf3.sh**

3. You will be prompted to confirm the hotfix removal. Please press "y" at the prompt.

4. Hotfix removal will start and various messages will be displayed to indicate the progress. At the end of successful un-installation, a message "**hotfix un-installed successfully**" will be displayed.

Important note: Do **not** cancel the hotfix removal process while it is in progress. This can make the installation directory unusable.

Known Issues and Workarounds

1. Issue Description: ADS2014.01 Hot fix installation fails with the error message shown in below screenshot

Platforms on which this error can be seen: Mostly on Windows.

Reason for the error: After un-installing ADS2014.01, ADS installation directory still exists with some directories/files in it. If ADS2014.01 is re-installed with the same installation directory name as it existed before un-installation, these old directories/files still remain and they interfere with the hotfix installation causing above error.

Quick Workaround:

Using this workaround, hotfix can be installed successfully and ADS will be usable as before. But in future, if this hotfix is removed, then ADS will become un-usable.

1. Click "ok" on above error message and exit the installer.

2. Using explorer, please go inside *<ADS installation directory>/tools/lib/blackbox*

3. Delete the directory *"prj_lists".*

4. Install the hotfix and hotfix will be installed successfully.

Detailed solution:

1. Click "ok" on above error message and exit the installer.

2. Un-install existing ADS2014.01 from the start menu.

3. After Un-installation, using Windows explorer, delete the previous ADS installation directory completely.

4. Re-install ADS2014.01.

5. Install the hot fix and hot fix will be installed successfully. Above workaround/solution should help in resolving this issue.

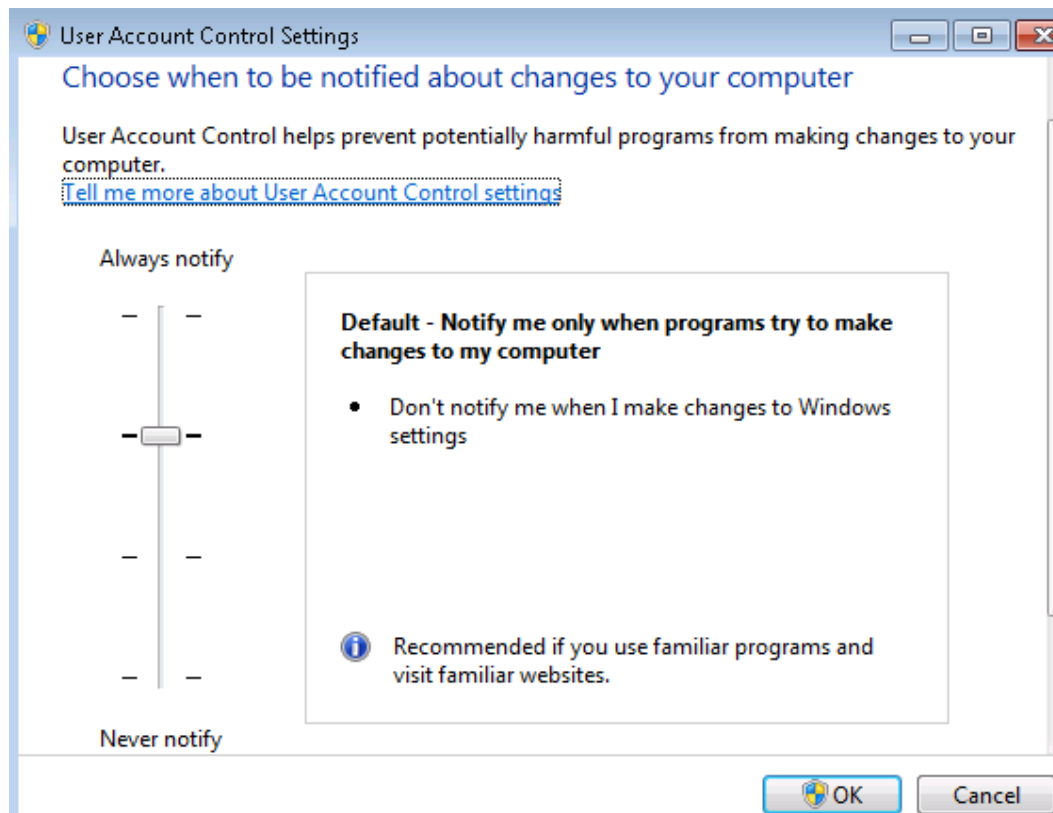Above workaround/solution should help in resolving this issue.

Note: In case of Vista/Windows7 because of permission issue UAC problem, hot fix installation won't able to back up the old file while installation. Un-check/minimize the UAC before installation will solve the problem.

Hot fix installed in Admin/Non-Admin Mode with UAC Enabled – *ADS fails to invoke in Non-Admin Mode*

To Un-check/Minimize (in case of win7) UAC please follow the instruction mentioned below:

Go to Control Panel\All Control Panel Items\User Accounts and click Change User Account Control Settings

Following window popup

Move the Vertical Slider towards Never notify and click Ok.