

PathWave Advanced
Design System

PathWave ADS 2021 Update 2.2 Installation Instructions

Notices

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PathWave ADS 2021 Update 2.2 Installation Instructions

ADS 2021	ADS 2021 Shipped Version
ADS 2021 Update	ads2021Update<2.x> where, <2.x>=Current Update Version
Applicable for	Windows, Linux
Version	532.update<2.x> where, <2.x>=Current Update Version

Purpose

This document describes the installation instructions for ADS 2021 Update <2.x>, which needs to be installed on top of existing ADS 2021 Update 2.0 installation. Also, if your ADS installation has any previous Updates already installed, it is not necessary to remove previous Updates before installing ADS 2021 Update <2.x>. ADS 2021 Update <2.x> can be installed on top-of existing Updates.

Prerequisite

ADS 2021 Update <2.x> installs on top of an existing ADS installation directory only. Therefore, you need to install ADS 2021 Update 2.0 before installing the ADS 2021 Update <2.x>.

Precautions

Following is the list of precautions:

- Close ADS 2021 Update 2.0, kill all the background processes related to ADS 2021 Update 2.0 including Job Manager and Remote simulation, before installing the Update."
- Do not start ADS 2021 Update 2.x while Update installation is in progress.
- Do not interrupt the Update installation while it is in progress.
- Disable/Minimize UAC in case of Windows 7 before installing Update.
- Make sure any of these listed process are not running while installing Update.
("hpeesofde", "hpeesofemx", "hpeesofdds", "hpeesofhelp", "hpeesofsim", "hpeesofsess", "hpeesofpkg", "MomEngine", "agilent-vacomp", "eesofpvm*", "oaFSLockD.exe")

NOTE

For more information, refer to the instruction notes under **Known Issues and Workaround** topic.

Installing the ADS Update <2.x> on Windows

To install ADS Update on Windows:

1. Download the installer archive **ads_2021_update<2.x>_win_x64.zip**.
2. Extract the contents of the zip file.
After extraction, a directory **ads_2021_update<2.x>_win_x64** will be created.

3. To install ADS 2021 update<2.x>, you can run either of the two files.
From an executable file "*ads_2021_update<2.x>_win_x64.exe*" under *ads_2021_update<2.x>_win_x64* directory.
or
From a batch file "*install_ads_2021_update<2.x>.bat*" under "*hf_files*" directory.
In Windows 7:
 - a. Run *ads_2021_update<2.x>_win_x64.exe*.
Installer will be launched. Follow the installer screens till the completion.
Or
 - b. Right click on "*install_ads_2021_update<2.x>.bat*" and select "*Run as administrator*".
Command window pops up. Follow the instruction till the completion.

NOTE

- ADS 2021 Update <2.x> installer does not support silent installation. To suppress the Update installer GUI, you can launch the Update installation from the command prompt using the batch file (*install_ads_2021_update<2.x>.bat*), however this method is an interactive (non-silent) mode that requires your input.
- After installing ADS 2021 Update 2.2 on windows, the install size of ADS 2021 Update 2.0 will increase from 6.7 GB to 8.6 GB.

Verification of Successful Installation of ADS Update <2.x> on Windows

Launch the shortcut (for Windows 7):

Start > All Programs > Advanced Design System 2021 Update 2 > ADS Tools > updates > Show list of installed updates and addons.

This shortcut will show the list of installed Updates on ADS 2021 Update 2.

Launch the shortcut (for Windows 10):

Start > All Programs > Advanced Design System 2021 Update 2 > Show list of installed updates and addons.

This shortcut will show the list of installed Updates on ADS 2021 Update 2.

Uninstalling the ADS Update <2.x> on Windows

To uninstall ADS Update<2.x> on Windows:

1. Open the **hotfixes** folder in the ADS installation directory.
2. Right click on **remove_ads_2021_update<2.x>.bat** and select **Run as administrator**.
3. Enter ADS 2021 Update 2 installation directory location at the prompt.
4. Click **Enter**.

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

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

NOTE

- Please do not close the batch window during Update uninstallation. This operation can make the ADS installation directory un-usable.
- Un-install all the previously installed Updates before uninstalling ADS base release or if ADS base release is uninstalled first then remove all the Update thrashes (folder) after uninstalling ADS base release.
- Right click on **remove_all_updates.bat** and select **Run as administrator** to uninstall all the previously installed Updates.

Installing the ADS Update <2.x> on Linux

1. Download the installer archive "`ads_2021_update<2.x>Linux_x64.zip`"
2. Open a terminal and set the HPEESOF_DIR environment variable to the existing ADS 2021 Update 2 installation directory.
For example, Assuming ADS 2021 Update 2 is installed at `/disk1/ADS2021_update2`, **HPEESOF_DIR=/disk1/ADS2021_update2; export HPEESOF_DIR** # bourne or K shell **setenv HPEESOF_DIR /disk1/ADS2021_update2** # C shell
3. Extract the contents of the zip file by running the following command on terminal:
`unzip ads_2021_update<2.x>_Linux_x64.zip`
4. After extraction, a directory "`ads_2021_update<2.2>_linux_x64`" will be created.
5. Change the directory to the "`ads_2021_update<2.x>_linux_x64`" and execute the shell script: "`install_ads_2021_update<2.x>.sh`" as follows:
e.g: `./install_ads_2021_update<2.x>.sh`
You will be prompted to confirm the Update installation. Please press "y" at the prompt.
6. Update Installation will start and various messages will be displayed to indicate the progress. At the end of successful installation, a message "**Update installed successfully**" will be displayed.

NOTE

- Do not close the Update installation terminal while it is in progress. This can make the ADS installation directory un-usable.
- After installing ADS 2021 Update 2.2 on Linux, the install size of ADS 2021 update 2.0 will increase from 9.1 GB to 12 GB.

Verification of successful installation of ADS Update <2.x> on Linux

1. Open a terminal and Set the HPEESOF_DIR environment variable to ADS 2021 Update 2.2 installation directory.
For example, if **ADS 2021 Update 2** is installed at `/disk1/ADS2021_update2`, then specify the following values for HPEESOF_DIR Environment variable:
HPEESOF_DIR=/disk1/ADS2021_update2; export HPEESOF_DIR # bourne or K shell **setenv HPEESOF_DIR /disk1/ADS2021_update2** # C shell
2. Change the directory to "`$HPEESOF_DIR/hotfixes`" and execute the shell script: "`list_installed_updates.sh`".
For example, `/list_installed_updates.sh`
3. You will see the list of the Updates as shown below:

List of regular Updates:

Version	Update_name	Date_of_installation	Status
532.update<2.x>	ads_2021_update<2.x>	<Update installation date>	installed

Uninstalling the ADS Update <2.x> on Linux

1. Open a terminal and set the **HPEESOF_DIR** environment variable to ADS 2021 installation directory. For example, if ADS 2021 is installed at **/disk1/ADS2021_update2**, then specify the following values for HPEESOF_DIR environment variable:
HPEESOF_DIR=/disk1/ADS2021_update2; export HPEESOF_DIR # bourne or K shell
setenv HPEESOF_DIR /disk1/ADS2021_update2 # C shell
2. Change the directory to "\$HPEESOF_DIR/hotfixes" and execute the shell script: **"remove_ads_2021_update<2.x>.sh"**.
 For example, / **remove_ads_2021_update<2.x>.sh**
3. You will be prompted to confirm the Update removal. Press "y" at the prompt.

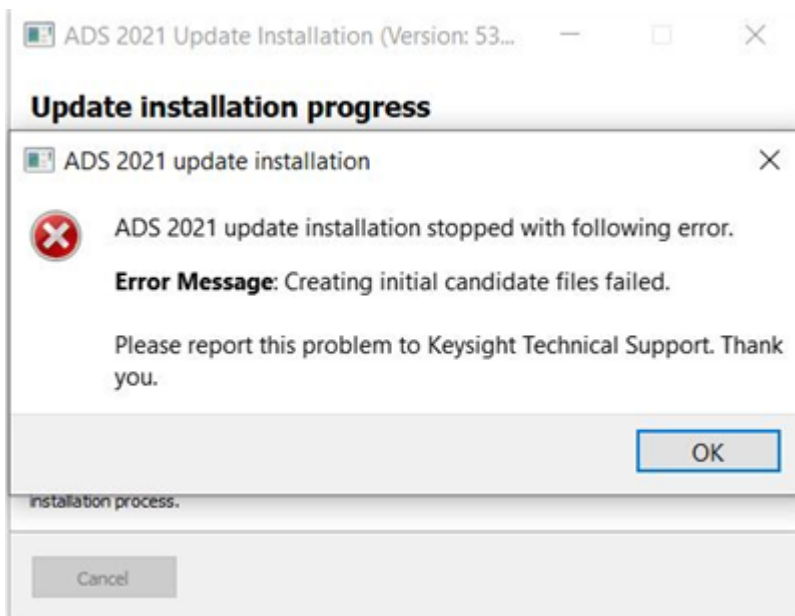
Update removal will start and various messages will be displayed to indicate the progress. At the end of successful un-installation, a message **"update un-installed successfully"** will be displayed.

NOTE

- Do **not** cancel the Update removal process while it is in progress. This can make the installation directory unusable.
- Un-install all the previously installed Updates before uninstalling ADS base release or if ADS base release is uninstalled first then remove all the update thrashes (folder) after uninstalling ADS base release.
- Execute **remove_all_updates.sh** to uninstall all the previously installed Updates.

Known Issues and Workarounds

Problem: ADS 2021 Update 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 ADS 2021 Update 2.0, ADS installation directory still exists with some directories/files in it. If ADS 2021 Update 2.0 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 Update installation causing above error.

Quick Workaround:

Using this workaround, Update can be installed successfully and ADS will be usable as before. But in future, if this Update 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/blackbox2021U2.0
3. Delete the directory "**prj_lists**".
4. Install the Update and Update will be installed successfully.

Detailed solution:

1. Click **OK** on above error message and exit the installer.
2. Un-install existing ADS 2021 Update 2 from the start menu.
3. After Un-installation, using Windows explorer, delete the previous ADS installation directory completely.
4. Re-install ADS 2021 Update 2.
5. Install the ADS 2021 Update <2.x> and the Update 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 Windows7 because of permission issue UAC problem, Update installation won't able to back up the old file while installation. Un-check/minimize the UAC before installation will solve the problem.

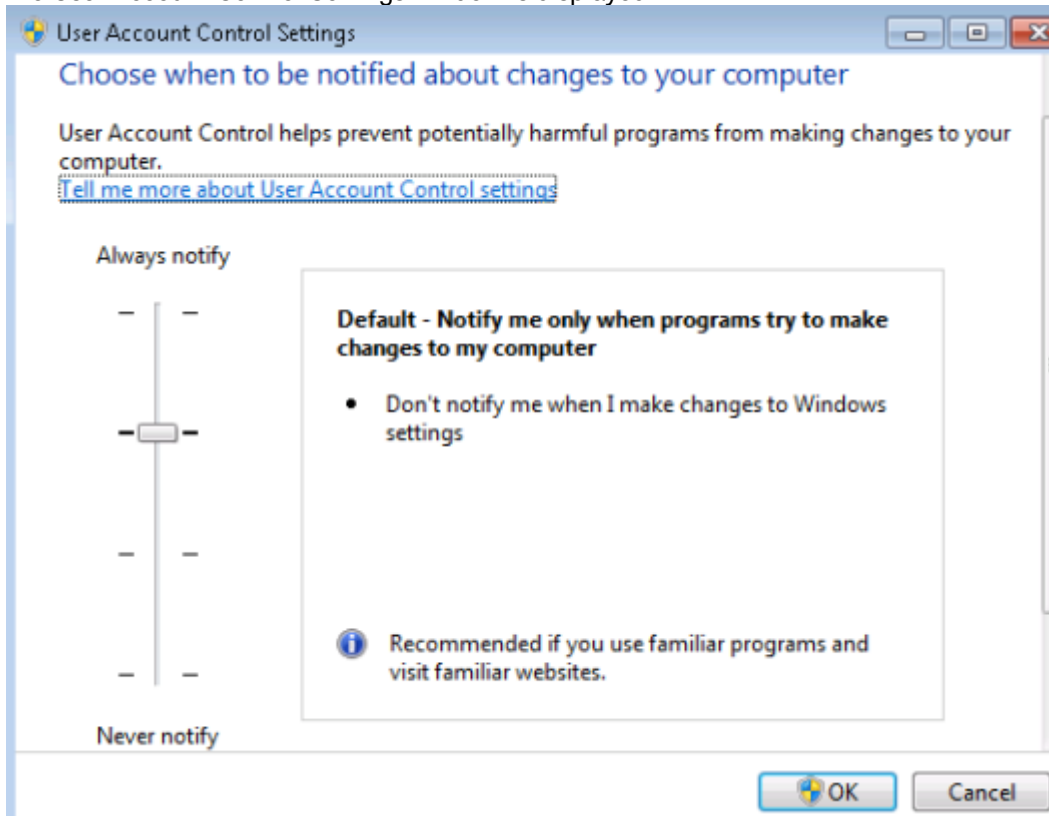
Problem: ADS 2021 update <2.x> installed in Admin/Non-Admin Mode with UAC Enabled – **ADS fails to invoke in Non-Admin Mode**

Quick Workaround:

To un-check/minimize (in case of win7) user account setting:

1. Go to Control Panel\All Control Panel Items\User Accounts and click **Change User Account Control Setting**.

The User Account Control Settings window is displayed.



2. Move the Vertical Slider towards **Never notify** and click **OK**.

