

REX4



TEXTURE DIRECT HD



# SOFTWARE INSTALLATION & SETUP GUIDE

DECEMBER 2013



REX GAME STUDIOS

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# Welcome!

Thank you for choosing **REX4 Texture Direct** as your environmental choice for FSX and Prepar3D! The purpose of this documentation is to assist you with the download, unzip, installation and setup process of REX4 Texture Direct.



# Download, Unzip and Installation

Each store has their own ways of handling downloads differently, however, the protocol is typically the same throughout each; purchase the product and receive access to downloadable files. Once the files are downloaded, they may need to be unzipped.

A few options are available for unzipping large files: **7-Zip, WinZip, WinRAR**. If problems are encountered with the unzipping and/or installation, please try a different zip utility.

Use of a download manager is **HIGHLY recommended** as using a web browser to download large files may corrupt the download(s). We recommend **FlashGet3** <http://www.flashget.com/en/download.htm> or **GetRight** (<http://www.getright.com>). These type of programs will ensure the download is resumed in the event that an interruption occurs with your connection to the server.

*Alternatively, most stores offer software to be delivered on disk with the purchase of a Digital Media Service (DMS). If you would prefer this option, please inquire with the store where you purchased.*

## ! IMPORTANT INFORMATION

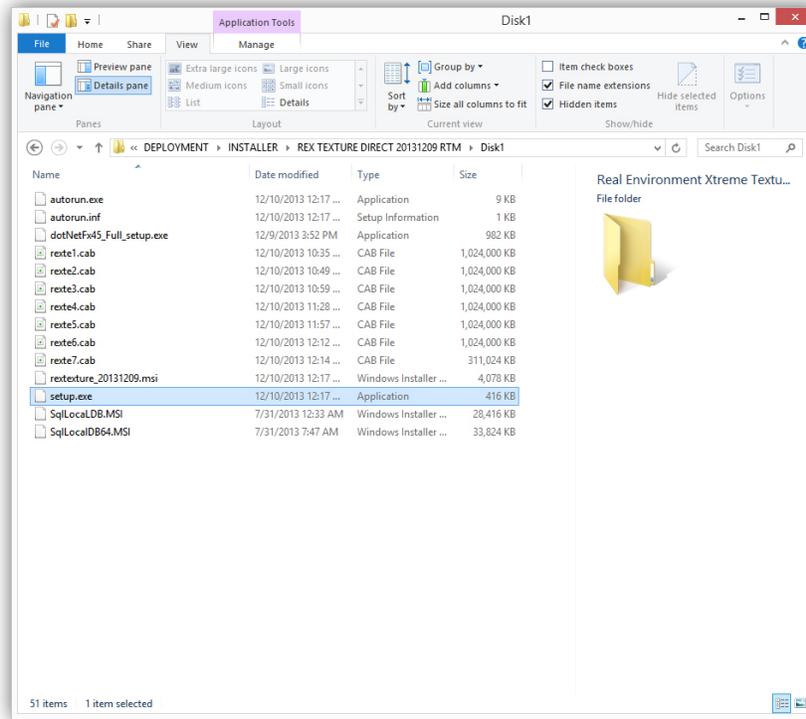
Because REX4 Texture Direct is over 16 GB in size, the length of time to install will vary based upon your system design. **It is strongly recommended that you install REX immediately after you boot your system.**

## ! IMPORTANT INFORMATION

### BELOW ARE IMPORTANT FACTORS IN CONSIDERATION FOR INSTALLING AND OPERATING REX WITHIN FSX AND/OR PREPAR3D:

1. REX is compatible with Microsoft Flight Simulator X with SP2 or Acceleration Pack and Lockheed Martin's Prepar3D v. 1.3 and above.
2. NEVER install REX into the main FSX or P3D folder.
3. Due to the extra security measures Microsoft placed on the Program Files (x86) folder, we HIGHLY recommend installing REX outside of this folder! Not doing so may lead to issues with the operation of REX. For Windows 8 users, REX MUST be installed outside of the Program Files (x86) folder.
4. If REX, FSX or Prepar3D are installed into the program files (x86) directory, UAC (User Account Control) MUST be turned OFF in Windows to allow the proper communication between the two.
5. IF FSX or Prepar3D is installed in the Program Files folder you may need to set Permissions and Sharing so that REX may write the necessary files into the simulator.
6. We recommend turning OFF all virus scanners while FSX is running.
7. If you wish to view high-definition textures within FSX, you must make sure to set this value in the FSX.cfg and/or the P3D.cfg file. Add **TEXTURE\_MAX\_LOAD=4096** within the GRAPHICS section of these cfg files. This can be located in your c:\Users\\AppData\Roaming\Microsoft\FSX. If the AppData folder is hidden, you will need to change the VIEW settings as outlined here: Open Folder Options by clicking the Start button, clicking Control Panel, clicking Appearance and Personalization, and then clicking Folder Options. Click the View tab. Under Advanced settings, click Show hidden files and folders, and then click OK.

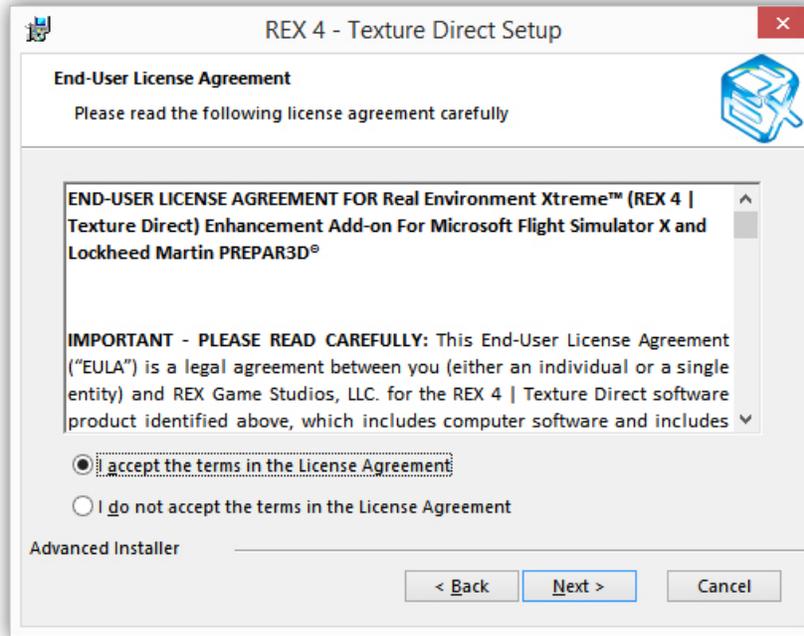
- 1.) After purchasing, downloading and unzipping the files, locate and **right-click on the setup.exe making certain to choose RUN AS ADMIN.**



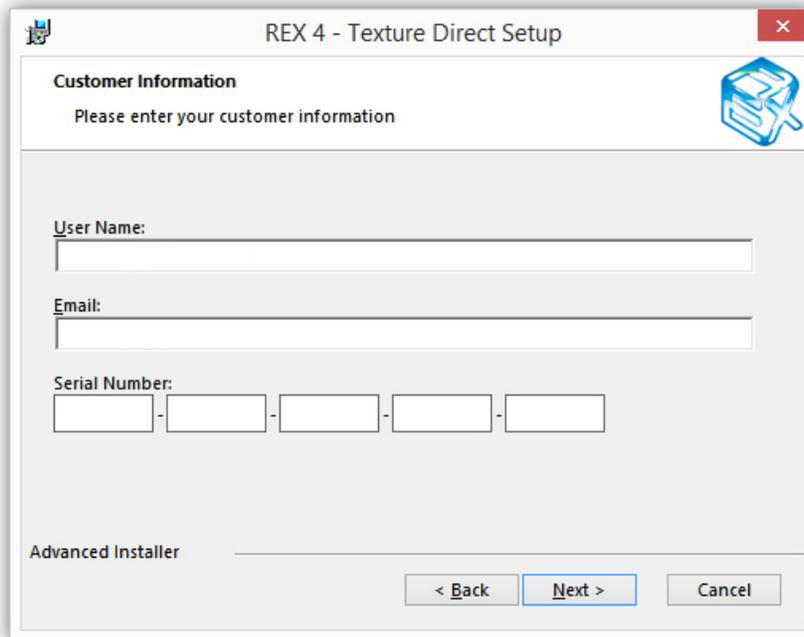
- 2.) The **Welcome** window will be presented to initiate the installation process. Select **NEXT** to continue installation.



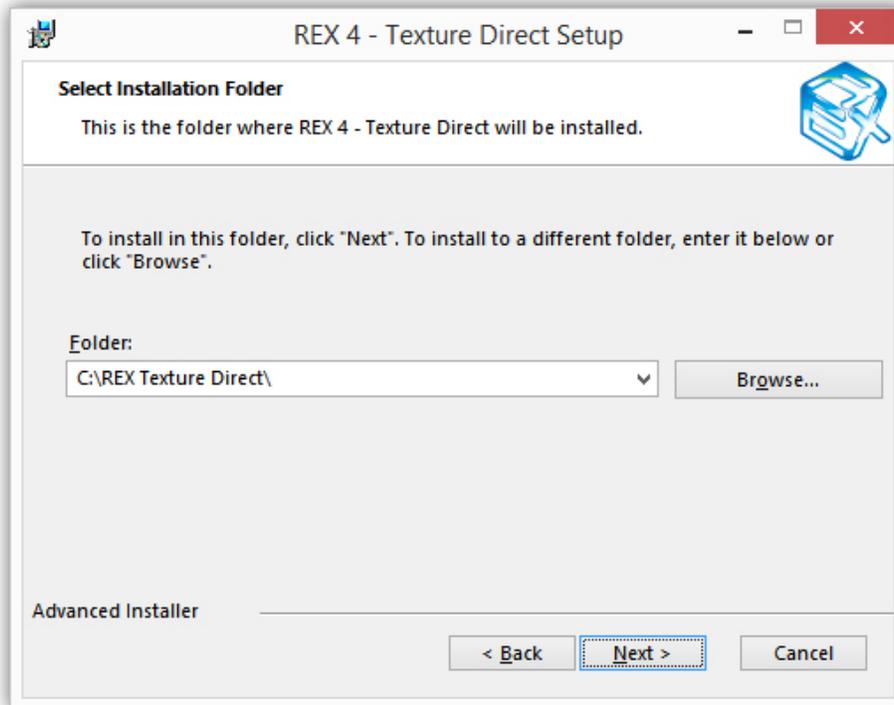
- 3.) You must agree to the requirements of the EULA in order to continue the installation process. Select "I accept..." and click **NEXT**.



- 4.) The **Customer Information** window requires proof of purchase for REX4. The validation process is both local and/server based. Therefore, if you do not have an internet connection, REX will validate locally. Enter a User Name, Email, and the Serial Number that was provided by the vendor from which you purchased REX4. Once all information is filled in, select **NEXT**.



5.) The **Select Installation Folder** area allows you to determine where to install REX4 Texture Direct.

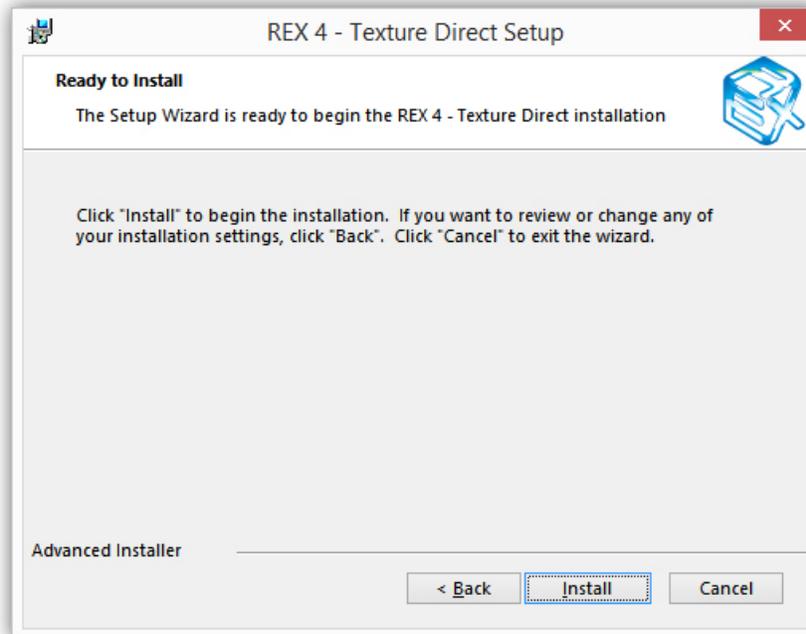


## RECOMMENDED SETTINGS

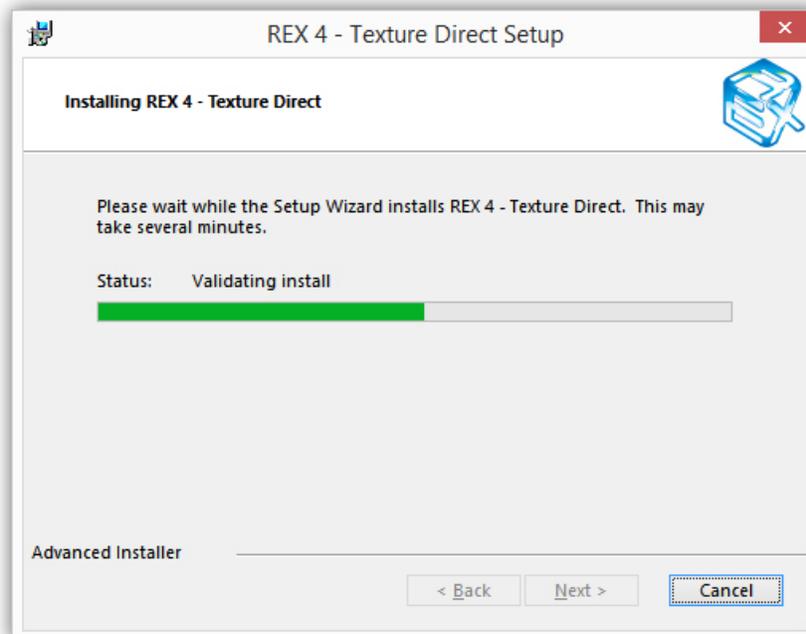


It is strongly recommended that you **DO NOT install REX4 Texture Direct within the Program Files folder(s)**! The security imposed in this area may cause problems with the normal operation between REX4 and the simulator. This is common practice with many flight simulator add-ons!

6.) Select **INSTALL** to start the installation process.



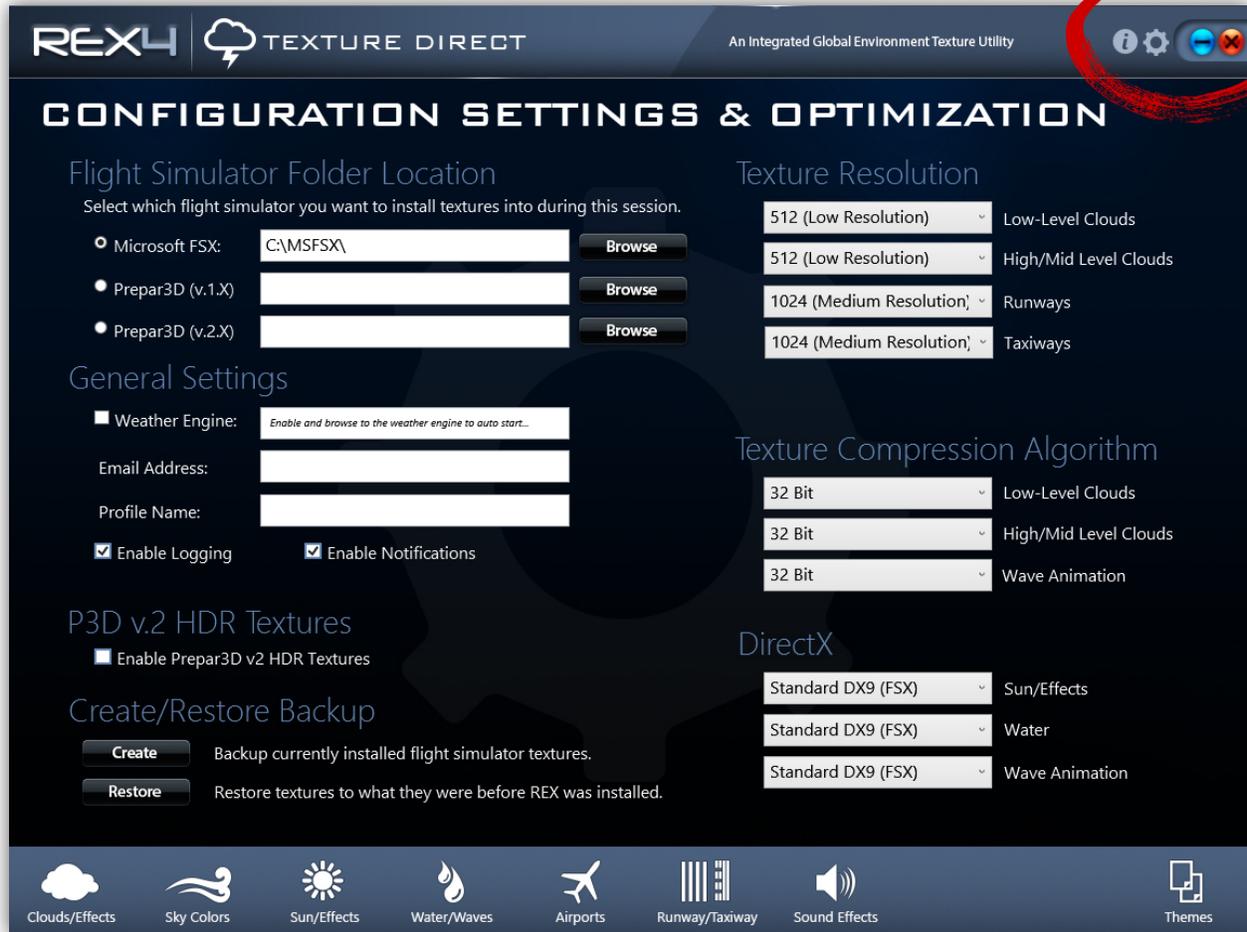
7.) The **Installation** window will progress through different cycles as the program is being installed. Basic steps of installation includes: calculation of hard drive space, copying prerequisite files, installation of prerequisite software (.net Framework 4.5 / SQL Server Local Database Server), copying installation files, installation of key files and removal of backup files.



8.) After installation completes, the **Installation** window will be replaced with a **Success** window. Click the FINISH button to complete the installation of REX4 Texture Direct.

# Setup and Configuration

Starting REX4 Texture Direct for the first time, the program will automatically default to the **Configuration Settings & Optimization** window.



After initial startup, to access the **Configuration Settings** window at any time, please click the gear icon located on the top right section of the header bar.



### Flight Simulator Folder Location

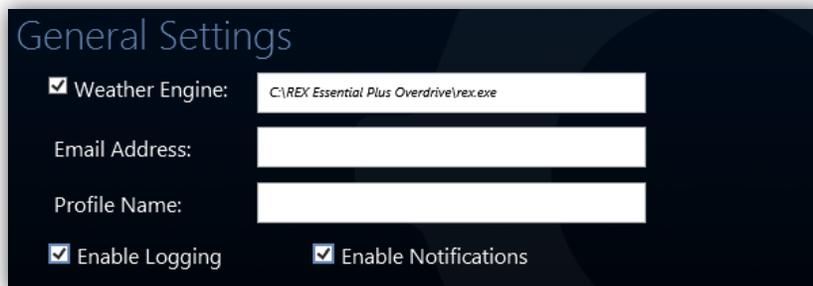
REX4 automatically reads the system registry to locate the application folders and will auto-populate the flight simulator folder locations. If these fields are blank, click the **BROWSE** button and locate the MAIN FOLDER of the corresponding flight simulator. Check the radial button next to the name of the Flight Simulator to set as the simulator of choice to install textures into.



*In the example above, Microsoft FSX is set as the default simulator to receive updates.*

### General Settings

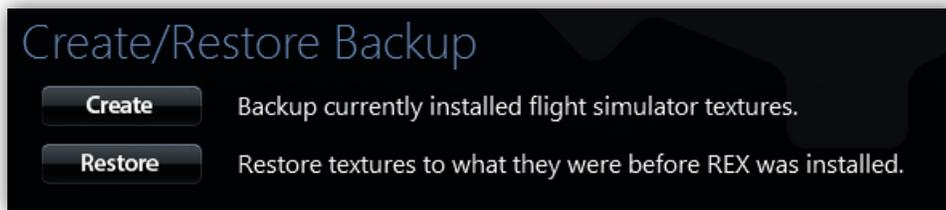
The descriptions for the **General Settings** area are listed within the table below.



ITEM	DESCRIPTION
Weather Engine	By enabling this option, REX4 Texture Direct auto-starts your weather engine preference. Click BROWSE and located the weather engine exe file.
Email Address	Enter a valid email address for use with community submitted themes. (This information is NOT visible to the public and only used for server-based features)
Profile Name	Enter a user profile name to attach to community submitted themes.
Enable Logging	Enables the logging system to confirm proper installation of files.
Enable Notifications	Enables the program to alert you of newly shared community themes.

## Create/Restore Backup

This area allows you to create or restore backups of the most current textures within the flight simulator folder(s).



## ! IMPORTANT INFORMATION

This does not create an ongoing archive of backups, as it only creates the most recent backup of your installed textures within the flight simulator(s).

The **RESTORE** function will **ONLY** restore your most recent backup of textures.

**REX4 Texture Direct creates separate backups based upon which simulator option is selected within the FLIGHT SIMULATOR FOLDER LOCATION.**

### Texture Resolution

This section allows you to optimize texture selections before replacing flight simulator files. Texture resolutions can be selected between 512 ,1024, 2048, and 4096 textures.

**Any changes made to this area will not take affect within the simulator UNTIL the textures are INSTALLED into the flight simulator!**



CATEGORY	TEXTURE RESOLUTION
Low-Level Clouds	512, 1024, 2048, 4096
High/Mid-Level Clouds	512, 1024, 2048
Runways	1024, 4096
Taxiways	1024, 4096

**IMPORTANT INFORMATION**  
 Because each system configuration is different, we strongly recommend you start with lower settings and increase the resolution until you reach a happy medium of quality vs. performance.

**WARNING**  
 Textures cannot be installed into FSX or PREPAR3D while the flight simulator is running!

### Texture Compression Algorithm

This area allows you to optimize REX4 textures BEFORE replacing flight simulator files. There are selections for 32bit, DXT5 or DXT1. **NOTE: Any changes made to this area will not take affect within the simulator UNTIL the textures are INSTALLED into the flight simulator!**



CATEGORY	TEXTURE COMPRESSION
Low-Level Clouds	32bit or DXT5 compression
High/Mid-Level Clouds	32bit or DXT5 compression
Wave Animation	32bit or DXT 1 compression

## ! IMPORTANT INFORMATION

We HIGHLY recommend the use of the DXT5 compression algorithm for clouds. DXT5 is the most flexible general purpose compression codec, so if problems are experienced using REX clouds at higher resolution, select the DXT5 setting. The same goes for the Wave Animation setting. 32-bit is much more demanding on the GPU, thus if problems arise with the use of the 32-bit setting, select the DXT1 option.

### DirectX

This area allows you to optimize textures BEFORE replacing flight simulator textures. There are selections for DX9, DX10 and DX11. **NOTE: Any changes made to this area will not take affect within the simulator UNTIL the textures are INSTALLED into the flight simulator!**



CATEGORY	TEXTURE COMPRESSION
Sun/Effects	Standard DX9 (FSX) DX10 Enabled (FSX, Prepar3D v.1, Prepar3D v.2) DX11 Enabled (Prepar3d v.2) - ONLY
Water	Standard DX9 (FSX) DX10 Enabled (FSX, Prepar3D v.1, Prepar3D v.2)
Wave Animation	Standard DX9 (FSX) DX10 Enabled (FSX, Prepar3D v.1) DX11 Enabled (Prepar3d v.2) - ONLY

### P3D v.2 HDR Textures

This area allows you to enable specialized Prepar3D v.2 HDR enhanced textures for use in Prepar3D v.2. **NOTE: Any changes made to this area will not take affect within the simulator UNTIL the textures are INSTALLED into the flight simulator!**



# Support and Assistance

If you need additional assistance, there are several ways to seek advice or support:

## 1.) Contact our support forum: (Primary Support Method)

<http://www.realenvironmentxtreme.com/forums>

We ask that you please search and read through similar help topics **BEFORE** you post a support question. Often you may find that a certain question has already been asked by someone else and the issue has been resolved.

## 2.) REX Customer Support website

- ✓ Resolve-IT technical support wizard
- ✓ One-on-One personal assistance services
- ✓ Live GotoAssist sessions

<http://www.rexwebservices.com/support>

# EULA

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