

# AppSamvid

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## Installation Manual

**CDAC Hyderabad**

**Version: 2.0.1**

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## Prerequisites

AppSamvid software require the computer user to have significant knowledge on using the Microsoft Windows operating system as well as how security software's (such as antivirus) work. The user should have clear understanding of whitelisting and the consequences of whitelisting on the operating system. The user is informed that once whitelisting is enforced, any file which is not whitelisted will be denied execution. This affects the updating, installation and un-installation of software on the operating system and the user has to go through the defined procedures defined within AppSamvid software for doing these works after installation of this software.

## Requirements

AppSamvid works on the mini-filter driver support from Microsoft Windows. Any Windows Operating system that supports mini-filter drivers should be able to support execution of AppSamvid.

## Supported Operating Systems

Operating System	32-bit	64-bit
Windows 7 ( For all service packs )	YES	YES
Windows 10 version 1607	YES	YES

## Software Requirements

Software	Requirements and Recommendations
Microsoft .NET Framework 3.5	Required- Installation detects whether this software is already installed. If not installed then it will download the software (requires active internet connection) and then install it.
Microsoft Visual C++ 2010 Redistributable Package	Required — <a href="#">Click Here</a> to Download(x86 version) Required — <a href="#">Click Here</a> to Download(x64 version)
Microsoft Visual C++2012 Redistributable Package	Required — <a href="#">Click Here</a> to Download(x86 version) Required — <a href="#">Click Here</a> to Download(x64 version)
Microsoft Visual C++2015 Redistributable Package	Required — <a href="#">Click Here</a> to Download(x86 version) Required — <a href="#">Click Here</a> to Download(x64 version)
MSXML 6.0	Required — <a href="#">Click Here</a> to Download.

## Recommendations

Microsoft Updates	Recommended – Make Sure your Microsoft software is up-to-date.
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## Additional requirements

1. Windows Administrator authentication credentials are required to install this software.
2. If prerequisites are not installed, AppSamvid installer allows user to download and install the software from internet. This requires an active internet connection.

3. If system is not up to date, then download windows root certificates and install them.

## Before you install AppSamvid

The user has to gain confidence in his system being in clean state. This confidence can be built by assuring that he has freshly installed Microsoft Windows Operating System from genuine/original installation source or he has scanned the system with reasonably good antivirus software which reported that the system is free from malware infections. This will ensure that initial whitelist is created from known clean state of the system.

## Installation

1. Launch the installer by double clicking the **AppSamvidXX.exe** setup file.
2. Setup will ask for Administrator privileges, Press **YES** to allow and proceed with installation.
3. Installer package will verify for the prerequisites. If prerequisites are not installed, setup will guide you to download and install the prerequisites.
4. Once prerequisites are installed, proceed with installation by clicking next. Please note if you have higher version of pre-requisites than required, the installer may give some warning messages.
5. In the **Select Folder option**, select the folder where **AppSamvid** is going to be installed and click **Next** to proceed. (Note: Recommended to install in windows system drive. Otherwise before enabling the whitelist enforcement, manually scan the Appsamvid installation folder and add binaries as Allow. This is to make sure that AppSamvid own binaries are whitelisted).
6. In the **setup is ready to install** window, click **Next** to start the installation of AppSamvid.
7. Provide AppSamvid Administrator user password. Click **Install** to proceed with installation.  
**Note:** Make sure you remember this password. This password will be required to access AppSamvid user interface. This password is not same as Microsoft Windows Administrator user password.
8. Next you will be prompted to scan your system drive for executable files (i.e. applications). Here you can choose to scan the system drive during the installation or postpone the scanning process for after installation.  
**Note:** When you scan the system during installation (the default and recommended option), the installation process itself will take a time (from few minutes to an hour) depending on the size as well as number of files on your system drive (i.e. C:\ drive on which your Microsoft Windows Operating system is installed).
9. Please wait until **completing the AppSamvid setup wizard** appears.
10. Click **Finish** to complete the installation.

## Enabling Whitelist Enforcement

1. If the initial scan is completed during installation of software.
  - a. The whitelist enforcement will start automatically when the user next time reboots the system

- b. If the user wishes to enforce whitelist without restating the system he can chose the **'Enable Whitelist Enforcement'** option and **'Apply'** the settings.
2. If initial scan is not done during the installation of software, the user has to perform the initial scan by selecting the **'Initial Scan'** option. Once the initial scan is completed successfully he can chose to enable the whitelist enforcement via **'Enable Whitelist Enforcement'** option.

## Un-Installation

1. For uninstalling AppSamvid go to the **'Programs and Features'** option under 'Control Panel'. Double click the AppSamvid entry in the list to remove the software.
2. Click **Finish** to complete the installation.

## Caution

The AppSamvid software may break/freeze/crash Microsoft Windows Operating system and/or your application programs installed on the system. C-DAC Hyderabad is not responsible for any damage of such kind to the system. Use this software at your own risk. Please read all the documentation carefully before using the software and make sure that you understand what you are doing. It is recommended to first try this software on a non-production/spare system before deploying on a production system.