AppSamvid
Application Whitelisting Software
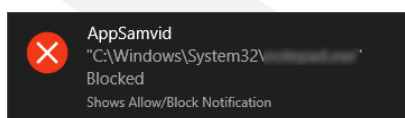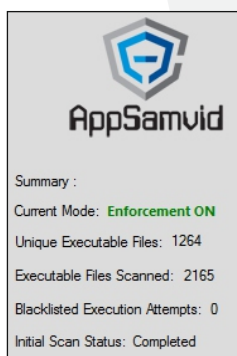
CDAC

About AppSamvid:

AppSamvid is application whitelisting software for Microsoft Windows based operating systems. Whitelisting allows only the pre-approved files to execute on operating system. This is in contrast to traditional signature based antivirus software approach of blacklisting the virus files. Whitelisting has the advantage over blacklisting as it does not require frequent virus definition updates. AppSamvid can protect operating system against computer malware (such as Viruses and Trojans).

Features:

- Whitelists executable and java files (.exe, class, .war, .jar)
- Has Installation Mode:
  - To allow updating of software
  - To allow installation and/or un-installation of software
- Folder Scan and File scan option to add executable files to database
- Password based access to user interface
- Supports operating system updating via Microsoft Updates
- Bundled with heuristic malware engine to gain confidence on which files to whitelist
- Allows files to be made as Trusted Updater
- Can identify potential updater files to help the user find which files can be made as trusted updater(s)
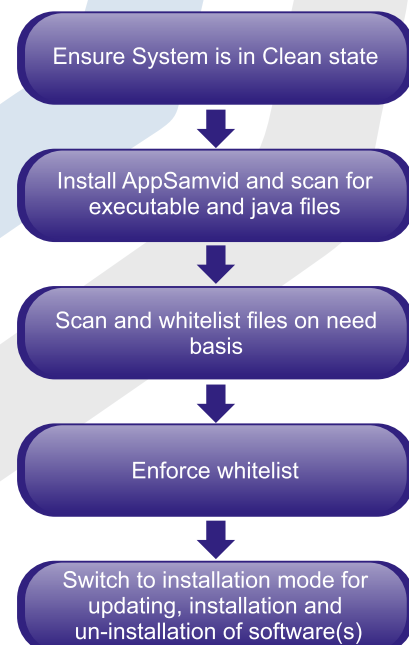
Supported Operating Systems

- Windows 7 (32 and 64-bit)
- Windows 10 version 1607 (32 and 64-bit)

AppSamvid

○ Enable Whitelist Enforcement
○ Suspend Whitelist Enforcement Till Next ReBoot
○ Disable Whitelist Enforcement
○ Switch to Installation Mode

Summary :
Current Mode: **Enforcement ON**
Unique Executable Files: 1264
Executable Files Scanned: 2165
Blacklisted Execution Attempts: 0
Initial Scan Status: Completed

AppSamvid
✕ "C:\Windows\System32_____"
Blocked

Shows Allow/Block Notification

Home	Edit Whitelist	Settings	Logs				
○ View System Drive Applications		○ View Remaining Applications					
Sr.	Path		Hash	Updater	Status	TimeStamp	Analysis
401	C:\Windows\notepad.exe		3b508cae5deb...	No	Block	25/01/2...	0.0
402	C:\Windows\PrintDialog\...		6276880fccd91...	No	Allow	25/01/2...	0.0
403	C:\Windows\regedit.exe		efe3d78833fed...	No	Allow	25/01/2...	0.0
404	C:\Windows\servicing\T...		af343840e793b...	Yes	Allow	25/01/2...	0.0

Usage Flow

Ensure System is in Clean state

⬇

Install AppSamvid and scan for executable and java files

⬇

Scan and whitelist files on need basis

⬇

Enforce whitelist

⬇

Switch to installation mode for updating, installation and un-installation of software(s)

Download link : https://www.cdac.in/appsamvid
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