

MSE Restore Tool v1.0

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What is MSE Restore Tool v1.0?

MSE Restore Tool v1.0 is a freeware tool. The purposes with this small tool are that it is built to solve problems with Microsoft® Security Essentials (MSE). This tool restores MSE back to working state and, and restores the registry entries and values for MSE as they were set by default when first time installed.

What is restored and, how does it work?

Once you start the MSE Restore Tool v1.0 it will run through a User Account Control (UAC) elevation and ask for permission. Once you've provided permission, then the program will start. When you click the Restore Microsoft Security Essentials now command link, the following three things occur:

- 1 First, it executed `msmprun.exe`, like this:
Msmprun.exe -RestoreDefaults.
- 2 Second step, the service is restarted and, restored.
- 3 Third and, last step the MSE ***Dynamic Link Libraries*** or ***DLL(s)*** are re-registered.

The above are the first three steps, after that those are successfully performed then this last step is executed.

- 4 This is the last step, when this step is executed the following is restored:
The following Registry entries are restored:

Windows® Registry Entries
HKLM\SOFTWARE\Microsoft\Microsoft Antimalware
HKLM\SOFTWARE\Microsoft\Microsoft Antimalware\Miscellaneous Configuration
HKLM\SOFTWARE\Microsoft\Microsoft Antimalware\Reporting
HKLM\SOFTWARE\Microsoft\Microsoft Antimalware\Scan
HKLM\SOFTWARE\Microsoft\Microsoft Antimalware\SpyNet
HKLM\SOFTWARE\Microsoft\Microsoft Antimalware\UX Configuration

**HKLM stands for HKEY_LOCAL_MACHINE.*

After that the registry entries for MSE are restored, and then the following key values are restored:

Registry Keys	Values	Registry Entries
DisableRoutinelyTakingAction	0	HKLM\SOFTWARE\Microsoft\Microsoft Antimalware\
BddUpdateFailure	0	HKLM\SOFTWARE\Microsoft\Microsoft Antimalware\Miscellaneous Configuration\
DeltaUpdateFailure	0	HKLM\SOFTWARE\Microsoft\Microsoft Antimalware\Miscellaneous Configuration\
WppTracingComponents	18445	HKLM\SOFTWARE\Microsoft\Microsoft Antimalware\Reporting\
WppTracingLevel	23	HKLM\SOFTWARE\Microsoft\Microsoft Antimalware\Reporting\
AllowPause	0	HKLM\SOFTWARE\Microsoft\Microsoft Antimalware\Scan\
AvgCPULoadFactor	0	HKLM\SOFTWARE\Microsoft\Microsoft Antimalware\Scan\
CheckForSignaturesBeforeRunningScan	1	HKLM\SOFTWARE\Microsoft\Microsoft Antimalware\Scan\
DisableCatchupFullScan	1	HKLM\SOFTWARE\Microsoft\Microsoft Antimalware\Scan\
DisableCatchupQuickScan	1	HKLM\SOFTWARE\Microsoft\Microsoft Antimalware\Scan\
ScheduleDay	1	HKLM\SOFTWARE\Microsoft\Microsoft Antimalware\Scan\
ScheduleTime	78	HKLM\SOFTWARE\Microsoft\Microsoft Antimalware\Scan\
SFCState	0	HKLM\SOFTWARE\Microsoft\Microsoft Antimalware\Scan\
SpyNetReporting	1	HKLM\SOFTWARE\Microsoft\Microsoft Antimalware\SpyNet\
DisablePrivacyMode	1	HKLM\SOFTWARE\Microsoft\Microsoft Antimalware\UX Configuration\

The above table provides the entire registry data that is restored for MSE. That's it. The tool does what it shall do, and the users who need it, can use it.

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