



## eScan Safe Mode Boot Protection

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This guide describes on how to configure Microsoft Windows safe mode protection using eScan. eScan allows you to password protect Microsoft windows safe mode booting option, so as to restrict the user to boot in to safe mode directly. The operating system becomes vulnerable in windows safe mode as in safe mode many of the drivers are not loaded and also the essential security features like firewall, AntiVirus real time protection etc might not function correctly.


**(Please Note: This option will not be available on Server operating systems)**

### How “eScan Safe mode protection” works?

Safe mode option is available in all the Microsoft Windows operating system. Normally System administrators use this option to troubleshoot Windows. Once you boot your system in safe mode many of the system drivers are not loaded by default, hence most of the security protection or monitoring does not work in safe mode. eScan helps administrator by defining safe mode boot protection using eScan password for Safe mode. Once the protection is enabled user cannot boot the system in safe mode without knowing valid password.

### How to configure eScan safe mode protection?

To protect the safe mode booting option you need to follow the below procedure:

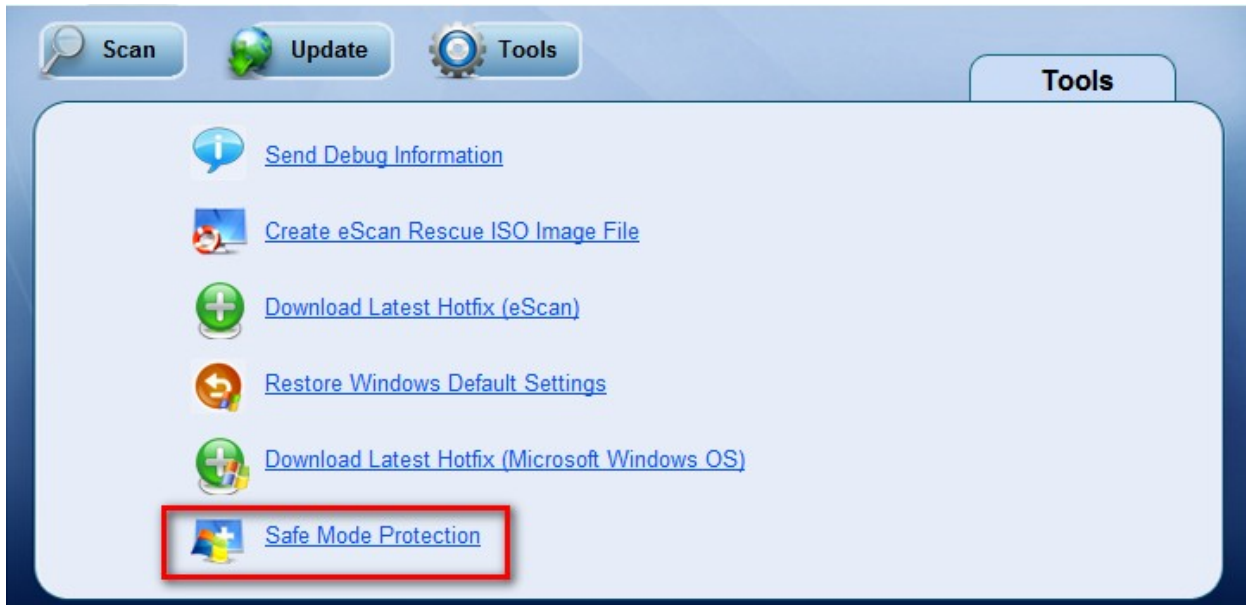
1. Please navigate to the option by right clicking on the eScan Icon  on the taskbar and select “eScan protection center”

*(Please note: If you access eScan protection center in “read only” mode or without administrator password deployed, Safe mode boot protection option will be disabled.)*

2. Once “eScan protection center” window appear, then click on the “Tools” button



3. Then select “Safe Mode Protection”.



4. This will open a window called “Safe Mode Protection”.



On above window you can configure Safe Mode protection option.

- a. “UNLOCKED (Safe Mode is Allowed)” in front of “This system is currently” label indicates that the Windows Safe mode booting is not password protected and you can directly boot in to safe mode without any authentication by pressing



**“F8” key at the time of booting. (Note: Generally you can get the option of safe mode booting by pressing “F8” key while the system is booting.)**

- b. **Enter Lock Password:** This option will be greyed out if password is not entered.
- c. **Enter New Password:** Option will require you to enter password to protect safe mode
- d. **Confirm New Password:** Option will verify the password entered in “Enter New Password” Text box. Once the password matches “Lock” button will get enabled.
- 5. Then Press **“Lock”** button.
- 6. Clicking on the lock button will give you a popup message saying **“Safe Mode is locked”** click on **“Ok”**



- 7. Now the information in front of **“This system is currently”** label will change to **“LOCKED (Safe Mode is NOT Allowed)”**, which means that you cannot boot in to safe mode without entering the password that you have just set.



## How to validate eScan safe mode protection?

8. To validate safe mode protection, Restart the system and while booting keep pressing “F8” key on the keyboard till you get the option to boot in to safe mode. Once the protection is enabled system will **never** give option of **SAFE MODE** like it used to give normally. It will directly start in normal mode.
9. Now again restart the system and keep pressing “F7” button and you will get the option of entering the password.
10. Enter the correct password and press Enter and you will get all the options of selecting booting in safe mode. Select “**Safe Mode**” and press “**Enter**” button and the system will boot in to “**Safe mode**”
11. Now to Unlock the safe mode protection again, please open the “**Safe Mode Protection**” window and enter the current password in the text box in front of “**Enter Unlock Password**” label. This will enable “**UNLOCK**” button. Click on “**UNLOCK**” button.
12. You will get a popup saying “**Safe Mode is Unlocked**”



13. Click on Ok button and you will again be allowed to boot in to safe mode by pressing “F8” key at the time of booting.

## How to recover eScan safe mode protection password?

eScan recommends that this option has to be configured by an administrator, if administrator forget the password. He can contact eScan support at [support@escanav.com](mailto:support@escanav.com) to recover the password. Since recovering password is very critical process and may damage the operating system.