

# Security

- [Disable IE ESC using Script on Windows Servers](#)

# Disable IE ESC using Script on Windows Servers

If you want to disable the IE Enhanced Security on multiple Windows Servers, you can run the below VB Script. This script is provided by Microsoft and works on most of Windows Server operating systems.

Perform the following steps to disable Internet Explorer enhanced security configuration via a script:

1. Create an IEHarden\_V5.bat file with the following batch file content.
2. Run the bat file either at an administrative command prompt or via log-in script.

```
ECHO OFF
REM IEHarden Removal Project
REM HasVersionInfo: Yes
REM Author: Axelr
REM Productname: Remove IE Enhanced Security
REM Comments: Helps remove the IE Enhanced Security Component of Windows 2003 and
2008(including R2)
REM IEHarden Removal Project End
ECHO ON

::Related Article
::933991 Standard users cannot turn off the Internet Explorer Enhanced Security feature on a
Windows Server 2003-based terminal server
::http://support.microsoft.com/default.aspx?scid=kb;EN-US;933991
:: Rem out if you like to Backup the registry keys
::REG EXPORT "HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Active Setup\Installed
Components\{A509B1A7-37EF-4b3f-8CFC-4F3A74704073}"
"%TEMP%.HKEY_LOCAL_MACHINE.SOFTWARE.Microsoft.Active Setup.Installed Components.A509B1A7-37EF-
4b3f-8CFC-4F3A74704073.reg"
::REG EXPORT "HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Active Setup\Installed
Components\{A509B1A7-37EF-4b3f-8CFC-4F3A74704073}"
"%TEMP%.HKEY_LOCAL_MACHINE.SOFTWARE.Microsoft.Active Setup.Installed Components.A509B1A8-37EF-
4b3f-8CFC-4F3A74704073.reg"
REG ADD "HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Active Setup\Installed Components\{A509B1A7-
37EF-4b3f-8CFC-4F3A74704073}" /v "IsInstalled" /t REG_DWORD /d 0 /f
```

```

REG ADD "HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Active Setup\Installed Components\{A509B1A8-37EF-4b3f-8CFC-4F3A74704073}" /v "IsInstalled" /t REG_DWORD /d 0 /f
::x64
REG ADD "HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432node\Microsoft\Active Setup\Installed Components\{A509B1A8-37EF-4b3f-8CFC-4F3A74704073}" /v "IsInstalled" /t REG_DWORD /d 0 /f
::Disables IE Harden for user if set to 1 which is enabled
REG ADD "HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap" /v "IEHarden" /t REG_DWORD /d 0 /f
REG ADD "HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap" /v "IEHarden" /t REG_DWORD /d 0 /f
REG ADD "HKEY_CURRENT_USER\Software\Wow6432Node\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap" /v "IEHarden" /t REG_DWORD /d 0 /f
::Removing line below as it is not needed for Windows 2003 scenarios. You may need to enable it for Windows 2008 scenarios
::Rundll32 iesetup.dll,IEHardenLMSettings
Rundll32 iesetup.dll,IEHardenUser
Rundll32 iesetup.dll,IEHardenAdmin
Rundll32 iesetup.dll,IEHardenMachineNow
::This apply to Windows 2003 Servers
REG DELETE "HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Setup\OC Manager\Subcomponents" /v "iehardenadmin" /f /va
REG DELETE "HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Setup\OC Manager\Subcomponents" /v "iehardenuser" /f /va
REG ADD "HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Setup\OC Manager\Subcomponents" /v "iehardenadmin" /t REG_DWORD /d 0 /f
REG ADD "HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Setup\OC Manager\Subcomponents" /v "iehardenuser" /t REG_DWORD /d 0 /f
::REG DELETE "HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Active Setup\Installed Components\{A509B1A7-37EF-4b3f-8CFC-4F3A74704073}" /f /va
::REG DELETE "HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Active Setup\Installed Components\{A509B1A8-37EF-4b3f-8CFC-4F3A74704073}" /f /va
:: Optional to remove warning on first IE Run and set home page to blank. remove the :: from lines below
:: 32-bit HKCU Keys
REG DELETE "HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\Main" /v "First Home Page" /f
REG ADD "HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\Main" /v "Default_Page_URL" /t REG_SZ /d "about:blank" /f
REG ADD "HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\Main" /v "Start Page" /t REG_SZ /d "about:blank" /f

```

```
:: This will disable a warning the user may get regarding Protected Mode being disable for intranet, which is the default.
:: See article http://social.technet.microsoft.com/Forums/lv-LV/winserverTS/thread/34719084-5bdb-4590-9ebf-e190e8784ec7
:: Intranet Protected mode is disable. Warning should not appear and this key will disable the warning
REG ADD "HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\Main" /v
"NoProtectedModeBanner" /t REG_DWORD /d 1 /f
:: Removing Terminal Server Shadowing x86 32bit
REG DELETE "HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Terminal
Server\Install\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap" /v
"IEHarden" /f
:: Removing Terminal Server Shadowing Wow6432Node
REG DELETE "HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows
NT\CurrentVersion\Terminal Server\Install\Software\Microsoft\Windows\CurrentVersion\Internet
Settings\ZoneMap" /v "IEHarden" /f
```

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