

What is Ransomware CryptoWall 4.0? How to clean up Ransomware CryptoWall 4.0?

CryptoWall 4.0 is a form of ransomware that encrypts files, this ransomware encrypts the personal documents it finds on the victim's computer using the RSA-2048 key (256-bit AES CBC encryption algorithm). It will then display a message saying that to decrypt the data you need to pay a sum of money.

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If you find your files suddenly disappear or have been renamed with random characters, such as 'e9fgbb.ie0r ', '52lcvn.ifggh " d3uhgfds.gre8v ', . And all Documents, Pictues and Desktop folders containing HTML files and PNG files with random names such as 'HELP_FILE_4BAACA128.PNG ', 'HELP_FILE_4BAACA128.HTML ', . It's very likely that your computer has been attacked by ransomware Cryptowall.



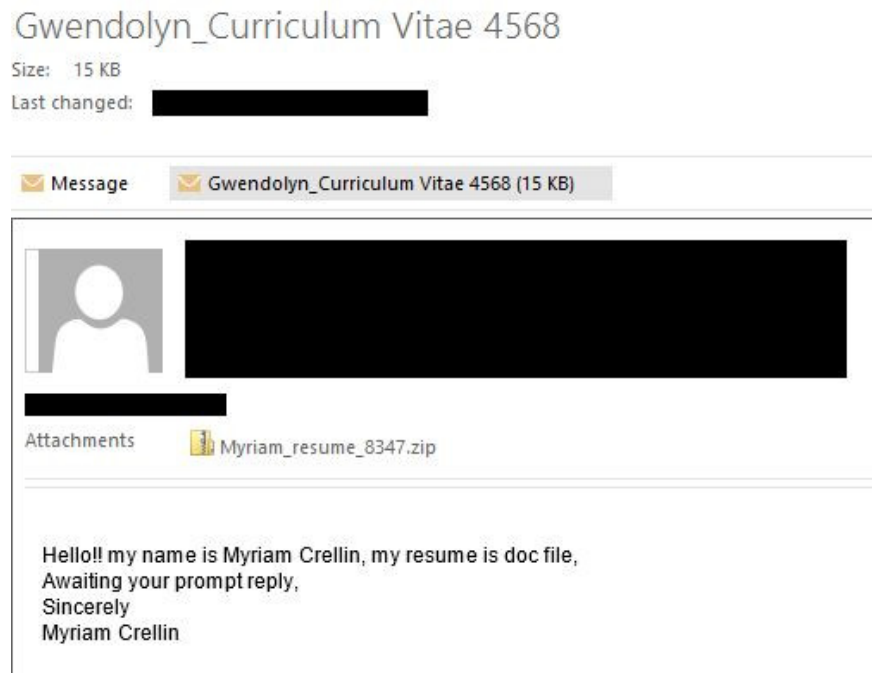
1. How does CryptoWall 4.0 virus attack user computers?

CryptoWall 4.0 virus is distributed through: malicious websites or hacked websites, and it can access your computer through the exploitation of exploits kits using the above holes. Your computer to install the Trojan

without your knowledge.

In addition, the CryptoWall 4.0 virus can also access your computer by using attached spam emails or links to malicious websites. Cyber-criminals are spam emails with fake header information, tricking users into believing it is an email from DHL or FedEx.

Or when installing a software, users invisible to install more fake software that they do not know.



2. What is Ransomware CryptoWall 4.0?

Ransomware CryptoWall 4.0 aims at all Windows versions, including Windows 10, Windows Vista, Windows 8 and Windows 7. This Ransomware type uses special user-specific file encryption, it uses Use AES-265 and RSA encryption methods to ensure that the victim will have no other choice.

When ransomware CryptoWall 4.0 is installed on your computer, it will generate random executable names in the "% AppData" folder or the "% LocalAppData" folder. This executable starts and starts scanning all drives on your computer to encrypt data files.

Ransomware CryptoWall 4.0 will search for files with specific extensions to encrypt. The files it encodes include important documents and files such as .doc, .docx, .xls, .pdf and some other files. When the file is detected, it will add a new extension to the file name (such as 3aweno9f.7gt8, 0hewendfq.p5r or d2121rg.m4).

Once the files are encrypted, it will be very difficult for users to identify what files need to be restored and restored.

Below is a list of file extensions that ransomware targets:

.sql, .mp4, .7z, .rar, .m4a, .wma, .avi, .wmv, .csv, .d3dbsp, .zip, .sie, .sum, .ibank, .t13, .t12, .qdf, .gdb, .tax, .pkpass, .bc6, .bc7, .bkp, .qic, .bkf, .sidn, .sidd, .mddata, .itl, .itdb, .icxs, .hvpl, .hplg, .hkdb, .mdbackup, .syncdb, .gho, .cas, .svg, .map, .wmo, .itm, .sb, .fos, .mov, .vdf, .ztmp, .sis, .sid, .ncf, .menu, .layout, .dmp, .blob, .esm, .vcf, .vtf, .dazip, .fpk, .mlx, .kf, .iwd, .vpk, .tor, .psk, .rim, .w3x, .fsh, .ntl, .arch00, .lvl, .snx, .cfr, .ff, .vpp_pc, .lrf, .m2, .mcmeta, .vfs0, .mpqge, .kdb, .db0, .dba, .rofl, .hxx, .bar, .upk, .das, .iwi, .litemod, .asset, .forge, .ltx, .bsa, .apk, .re4, .sav, .lbf, .slm, .bik, .epk, .rgss3a, .pak, .big, .wallet, .wotreplay, .xxx, .desc, .py, .m3u, .flv, .js, .css, .rb, .png, .jpeg, .txt, .p7c, .p7b, .p12, .pfx, .emem, .xt, .srw, .pef, .ptx, .r3d, .rw2, .rw1, .raw, .raf, .orf, .nrw, .mrwref, .mef, .erf, .kdc, .dcr, .cr2, .crw, .bay, .sr2, .srf, .arw, .3fr, .dng, .jpe, .jpg, .cdr, .indd, .ai, .eps, .pdf, .pdd, .psd, .dbf, .mdf, .wb2, .rtf, .wpd, .dxg, .xf, .dwg, .pst, .accdb, .mdb, .pptm, .pptx, .ppt, .xlk, .xlsb, .xlsm, .xlsx, .xls, .wps, .docm, .docx, .doc, .odb, .odc, .odm, .odp, .ods, .odt

During the encryption of your files, ransomware CryptoWall 4.0 also creates text files HELP_YOUR_FILES.TXT and HELP_YOUR_FILES.HTML in each folder containing encrypted files and on Windows Desktop. This ransomware also changes Windows Desktop screen wallpaper to HELP_YOUR_FILES.PNG.

These files are located in each folder containing the encrypted files as well as in the Startup folder, the folder containing the programs that are automatically displayed when the user logs in. And these files will contain information on how to access payment sites and get back your files.

Payment sites include: 3wzn5p2yiumh7akj.partnersinvestpayto.com,
3wzn5p2yiumh7akj.marketcryptopartners.com, 3wzn5p2yiumh7akj.forinvestpay.com,
3wzn5p2yiumh7akj.effectwaytopay.com, and 3wzn5p2yiumh7akj.onion.

Your files are encrypted.


To get the key to decrypt files you have to pay **700 USD**. If payment is not made before [REDACTED] the cost of decrypting files will increase **2 times** and will be **1400 USD/EUR**

Prior to increasing the amount left:
[REDACTED]

Your system: Windows 7 (x64) First connect IP: [REDACTED]

[Refresh](#)
[Payment](#)
[FAQ](#)
[Decrypt 1 file for FREE](#)
[Support](#)

We are present a special software - CryptoWall Decrypter - which is allow to decrypt and return control to all your encrypted files.
How to buy CryptoWall decrypter?



- 1. You should register Bitcon wallet (click here for more information with pictures)**
- 2. Purchasing Bitcoins - Although it's not yet easy to buy bitcoins, it's getting simpler every day.**

Here are our recommendations:

 - [LocalBitcoins.com \(WU\)](#) - Buy Bitcoins with Western Union
 - [CoinSAFE.com](#) - Recommended for fast, simple service. Payment Methods: Western Union, Bank of America, Cash by FedEx, Moneygram, Money Order. In NYC: Bitcoin ATM, In Person
 - [LocalBitcoins.com](#) - Service allows you to search for people in your community willing to sell bitcoins to you directly.
 - [btcdirect.eu](#) - THE BEST FOR EUROPE
 - [coinmr.com](#) - Another fast way to buy bitcoins
 - [bitquick.co](#) - Buy Bitcoins Instantly for Cash
 - [How To Buy Bitcoins](#) - An international directory of bitcoin exchanges.
 - [Cash Into Coins](#) - Bitcoin for cash.
 - [CoinJar](#) - CoinJar allows direct bitcoin purchases on their site.
 - [anxpro.com](#)
 - [bitylicious.com](#)
 - [Zipzap](#) - Zipzap is a global cash payment network enabling consumers to pay for digital currency.
- 3. Send 1.56 BTC to Bitcoin address: 1PoebUJR5pdH88tc9ECQ1PCLaCrtPaG9fm**
- 4. Enter the Transaction ID and select amount:**

1.56 BTC ~ 700 USD
Clear

Note: Transaction ID - you can find in detailed info about transaction you made.
(example 44214efca56ef039386ddb929c40bf34f19a27c42f07f5cf3e2aa08114c4d1f2)
- 5. Please check the payment information and click "PAY".**

PAY

Your sent drafts

Num	Draft type	Draft number or transaction ID	Amount	Status
Your payments not found.				

0 valid drafts are put, the total amount of **0** USD/EUR. The residue is **700** USD/EUR.

3. Is your computer being attacked by CryptoWall 4.0 virus?

If you browse the instructions in TXT format (if you have instruction in HTML (the file that has an icon of your Internet browser) then for the sake of simplicity it is better to run it):

1. Look at the address number 1 (in this case it is [redacted])
2. Select it with the mouse cursor holding the left mouse button and moving the cursor to the right.
3. Release the left mouse button and press the right one
4. In the menu that appears select "Copy".
5. Run your Internet browser (if you do not know what it is run the Internet Explorer).
6. Move the mouse cursor to the address bar of the browser (this is the place where the site address is written)
7. Click the right mouse button in the field where the site address is written.
8. In the menu that appears select the button "insert".
9. The address [redacted] must appear there.
10. Press ENTER.
11. The site must load; if it does not load, repeat the same instructions with the address number 2 and so on until the final address if falling.

If for some reason the site does not open check the connection to the Internet; if the site still does not open see the instructions on omitting the point about working with the addresses in the HTML and PNG instructions.

If you browse the instructions in HTML format:

1. Click the left mouse button on the address number 1 (in this case it is [redacted])
2. In a new tab or window of your web browser the site must load; if it does not load, repeat the same instructions with the address number 2 and so on until the final address.

If for some reason the site does not open check the connection to the Internet; if the site still does not open see the instructions on omitting the point about working with the addresses in the PNG instructions.

If you browse the instructions in PNG format:

1. We are very sorry but unfortunately your antivirus deleted instructions files in the TXT and HTML format for your comfortable work and most importantly for help to restore access to your files.
2. Try to enter the address of your page manually from a picture, good luck and patience for you.

Unfortunately, these sites are temporary because the antivirus companies are interested that you cannot restore your files but continue to buy their products. Unlike them we are ready to help you always. If the temporary sites are not available and you need our help:

1. Run your Internet browser (if you do not know what it is run the Internet Explorer).
2. Enter or copy the address into the address bar <https://www.torproject.org/download/download-easy.html.en> your browser and press ENTER
3. Wait for the site loading
4. On the site you will be offered to download TorBrowser; download and run it; follow the installation instructions; wait until the installation is completed.
5. Run Tor-Browser
6. Connect with the button Connect (if you use the English version).
7. After initialization a normal Internet browser window will be opened.
8. Type or copy the address [redacted] in this browser address bar.
9. If for some reason the site is not loading, wait a moment and try again.

If you have any problems during installation or operation of TorBrowser, please, visit www.youtube.com and type request in the search bar "install tor browser windows". As a result you will see a training video on TorBrowser installation and operation

If TOR address was unavailable for a long time (2-3 days) it means you were late; on average you have about 2 weeks after reading the instructions to restore your files.

If your computer is attacked by ransomware CryptoWall 4.0, the screen will display HELP_YOUR_FILES.PNG wallpaper covering the entire Desktop screen. And a text file will appear on the Desktop screen. These files contain instructions for victims on how to recover encrypted files.

And the screen will display a message with a message:

Không thể tìm thấy tệp tin bạn cần phải? Không có nội dung của tệp tin mà bạn đã tải về không? c??c? Đây là thông tin về các tệp tin tên, như là địa chỉ trong tệp tin có thể tải về. Congratulations !!! Bạn có thể là một công việc của thành phần của CryptoWall. Nếu bạn tải về tệp tin này, mà có phần mềm CryptoWall đã gửi cho bạn máy tính của bạn.

What is encryption? Phần mềm không thể là một chức năng chuyên nghiệp của thông tin trong bộ phận của nó? Nó không thể hiển thị các nội dung, nhưng cung cấp cùng thời gian truy cập cho nó cho nội dung dùng cho. Mạng giao tiếp nội dung và thông tin trình này không thể xác định có thể gì? phống tệp tin bạn cần phải có một private special special. Nếu đây là dùng khóa private, bạn cần phải phần mềm decryption và bạn không thể gì mã tệp tin của bạn và tất cả mọi thứ trong nó. I nearly Understanding what do I have so do? Cấu hình của bạn nên là một chức năng các lệnh của? Tệp tin bạn đã tải về xác định với CryptoWall software; nhưng lệnh này tìm thấy trong các gói với tệp tin đã tải về không thể byte, chúng cần bạn helpers. Sau khi tải về bạn này 100% nội dung thay thế một tìm kiếm với các tệp CryptoWall Where you'll find a lot of thoughts, advice and instructions. Think logically - we are the ones who closed the lock on các tệp tin của bạn và chúng ta

các ng??i dùng ch? có ng??i dùng b? khoá này ?? m? chúng. B?n có th? th?c hi?n nào ?? ph?c h?i t? p tin v?i các t?p tin third party The fact that thay ??i d? li?u trong t?p tin ?ã t?p tin (nh? 100% c?a máy ph?c v? ?? ph?c h?i t?p tin này này, except các special decryption software) b?n gi?i phóng v?i t?p tin và nó s? không th? gi?i phóng t?p tin. ?ây là cùng cùng ?? t?o m?t chuy?n ??i khi m?t ??i s? ??i s? b? m?t, b? h?ng ho?c không ??t trong v? trí c?a nó and irreversibly. S? d?ng ph?n m?m ?? ph?c h?i các t?p tin t?p tin không rõ, ch? qua b?n l?i. Ghi nh? nào nào có th? x? lý ph?n m?m này ?? ph?c h?i các t?p tin t?p tin v?i CryptoWall software có th? thi?t b? ?i?m trên không return. Trong tr?? ng h?p v?i các t?u ch?n này là violated chúng s? không th? h? tr? b?n, và b?n s? không th? th? v?i b?n ?ã ???c th? l?i. N?u b?n ?ã bi?t v?i t?p tin ?? gi?i phóng t?p tin (nh? có m?t tên t?p tin này có th? ??t v?i nó) là m?t giá tr? này. N?u sau khi t?o t?p tin gói b?n có th?: 1.Decrypt all your files. 2. Work with your documents. 3. View your photos and other media content. 4. Continue your habitual and comfortable work at the computer. N?u b?n bi?t s? xác th?c và s? xác th?c c?a s? c?nh, thì b?n Suggest b?n ?? ti?p t?c ??n trang trang c?a b?n Where b?n s? ??a ra l?nh cu?i cùng, nh? c?ng ?? th?c hi?n các t?p tin.

What do you have ?? có v?i ??a ch? này? N?u b?n ??c các ?i?u khi?n trong ??nh d?ng TXT (If b?n có ch? ?? trong HTML (t?p tin mà có m?t t?p tin c?a m?ng Internet browser) thì cho s? ph?c v? c?a simplicity it is better to run it). Thông tin thêm: Ph?n m?m ?? c?p nh?t các t?p tin này ch? trong các gói Where b?n ?ã ???c t?p tin ???c t?p tin. ?? có th? th?c hi?n các ch? ?? ???c t?o trong các ??nh d?ng 3 t?p tin - html, txt and png. L?i, các antivirus c?a b?n không th? h? tr? và thêm l?i ph?c h?i các t?p tin c?a b?n, nh?ng chúng vi?c làm vi?c g? b? các l?nh ?? ph?c h?i ???c t?p tin t?p tin. Hi?u ?ng này không ph?i là malware, chúng có thông báo tình tr?ng ch?, vì nào không bi?t trong các t?p tin l?nh nào không th? g?i vào b?n CryptoWall Project không ph?i là tr?ng và không ???c s? d?ng ?? xác ??nh d? li?u và ng??i dùng / nó. Phiên b?n này ???c th?c hi?n cho câu l?nh không rõ trong ch? ?? thông tin thông tin, nh? làm vi?c xác th?c c?a các antivirus v?i Suitability cho d? li?u xác th?c. Together we make the Internet a better and safer place. N?u b?n quá b?n v?n b?n này trong Internet và xác th?c mà không ?úng v?i t?p tin c?a b?n và b?n không có câu l?nh ?? ph?c h?i t?p tin, liên k?t v?i Antivirus support. Ghi nh? nó ?ã ?ã ?ã ?ã ?ã ?ã ?ã ?ã ?ã thoát và hi?n th?i có ti?p t?c c?a t?p tin c?a b?n ph? thu?c vào giá tr? b?n và ch? ?? c?a hành ??ng.

4. How to "clean up" ransomware Cryptowall v4.0 on your system?

To "clean" ransomware Cryptowall v4.0 on your system, follow the steps below:

Step 1: Start the computer in Safe Mode with Networking

The first step is to boot your computer into Safe Mode with Networking to prevent the Cryptowall virus from running on the system. To do this thing:

- On Windows 7, Vista and Windows XP:

1. Close all open programs and **restart** your computer.
2. During the boot process, press the **F8** key before the Windows logo appears.
3. The **Windows Advanced Options Menu** window appears, use the arrow keys to select **Safe Mode with Networking** and press **Enter** .

If you browse the instructions in TXT format (if you have instruction in HTML (the file that has an icon of your Internet browser) then for the sake of simplicity it is better to run it):

1. Look at the address number 1 (in this case it is [REDACTED])
2. Select it with the mouse cursor holding the left mouse button and moving the cursor to the right.
3. Release the left mouse button and press the right one
4. In the menu that appears select "Copy".
5. Run your Internet browser (if you do not know what it is run the Internet Explorer).
6. Move the mouse cursor to the address bar of the browser (this is the place where the site address is written)
7. Click the right mouse button in the field where the site address is written.
8. In the menu that appears select the button "insert".
9. The address [REDACTED] must appear there.
10. Press ENTER.
11. The site must load; if it does not load, repeat the same instructions with the address number 2 and so on until the final address if falling.

If for some reason the site does not open check the connection to the Internet; if the site still does not open see the instructions on omitting the point about working with the addresses in the HTML and PNG instructions.

If you browse the instructions in HTML format:

1. Click the left mouse button on the address number 1 (in this case it is [REDACTED])
 2. In a new tab or window of your web browser the site must load; if it does not load, repeat the same instructions with the address number 2 and so on until the final address.
- If for some reason the site does not open check the connection to the Internet; if the site still does not open see the instructions on omitting the point about working with the addresses in the PNG instructions.

If you browse the instructions in PNG format:

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2. Try to enter the address of your page manually from a picture, good luck and patience for you.

Unfortunately, these sites are temporary because the antivirus companies are interested that you cannot restore your files but continue to buy their products.

Unlike them we are ready to help you always.

If the temporary sites are not available and you need our help:

1. Run your Internet browser (if you do not know what it is run the Internet Explorer).
2. Enter or copy the address into the address bar <https://www.torproject.org/download/download-easy.html.en> your browser and press ENTER
3. Wait for the site loading
4. On the site you will be offered to download TorBrowser; download and run it; follow the installation instructions; wait until the installation is completed.
5. Run Tor-Browser
6. Connect with the button Connect (if you use the English version).
7. After initialization a normal Internet browser window will be opened.
8. Type or copy the address [REDACTED] in this browser address bar.
9. If for some reason the site is not loading, wait a moment and try again.

If you have any problems during installation or operation of TorBrowser, please, visit www.youtube.com and type request in the search bar "install tor browser windows". As a result you will see a training video on TorBrowser installation and operation.

If TOR address was unavailable for a long time (2-3 days) it means you were late; on average you have about 2 weeks after reading the instructions to restore your files.

- On Windows 8 and Windows 8.1:

1. Press the **Windows + R** key combination to open the **Run** command window.
2. On the Run command window, enter **msconfig** into it and press Enter to open the **System Configuration** window.

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If you browse the instructions in HTML format:

1. Click the left mouse button on the address number 1 (in this case it is [redacted])
2. In a new tab or window of your web browser the site must load; if it does not load, repeat the same instructions with the address number 2 and so on until the final address.

If for some reason the site does not open check the connection to the Internet; if the site still does not open see the instructions on omitting the point about working with the addresses in the PNG instructions.

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1. We are very sorry but unfortunately your antivirus deleted instructions files in the TXT and HTML format for your comfortable work and most importantly for help to restore access to your files.
2. Try to enter the address of your page manually from a picture, good luck and patience for you.

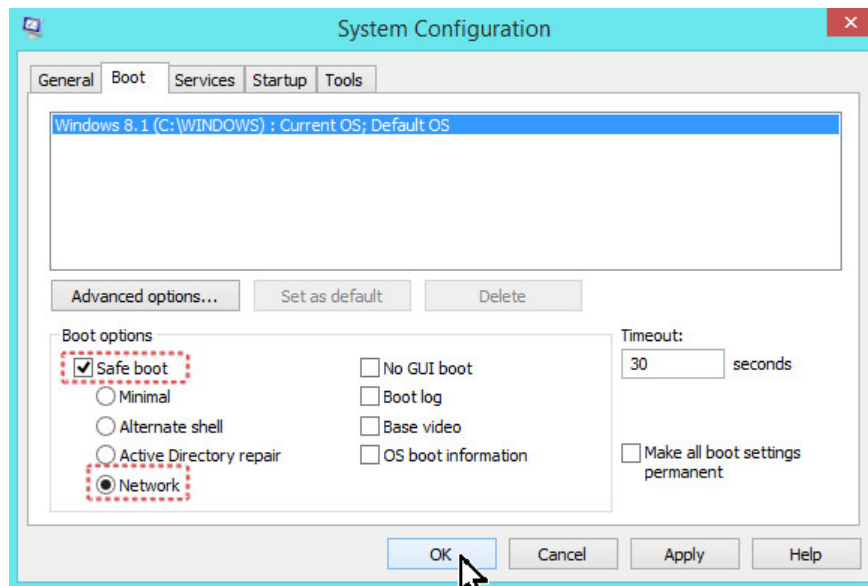
Unfortunately, these sites are temporary because the antivirus companies are interested that you cannot restore your files but continue to buy their products.
 Unlike them we are ready to help you always.
 If the temporary sites are not available and you need our help:

1. Run your Internet browser (if you do not know what it is run the Internet Explorer).
2. Enter or copy the address into the address bar <https://www.torproject.org/download/download-easy.html.en> your browser and press ENTER
3. Wait for the site loading
4. On the site you will be offered to download TorBrowser; download and run it; follow the installation instructions; wait until the installation is completed.
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7. After initialization a normal Internet browser window will be opened.
8. Type or copy the address [redacted] in this browser address bar.
9. If for some reason the site is not loading, wait a moment and try again.

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If TOR address was unavailable for a long time (2-3 days) it means you were late; on average you have about 2 weeks after reading the instructions to restore your files.

3. Here you click the **Boot tab** , then select **Safe Boot and Network** .



4. Click **OK** and then restart your computer.

Note :

To start your Windows computer in normal mode (Normal Mode) again you do the same steps then remove the **Safe Boot** item and finish.

Step 2: Find and clean Cryptowall with RogueKiller

RogueKiller is one of the programs against effective malware (malware). The program can detect, prevent and remove malware (malware) in general and both rootkits, rogues, worms, .

1. Download RogueKiller to your device and install it.

Download RogueKiller to your device and install it here.

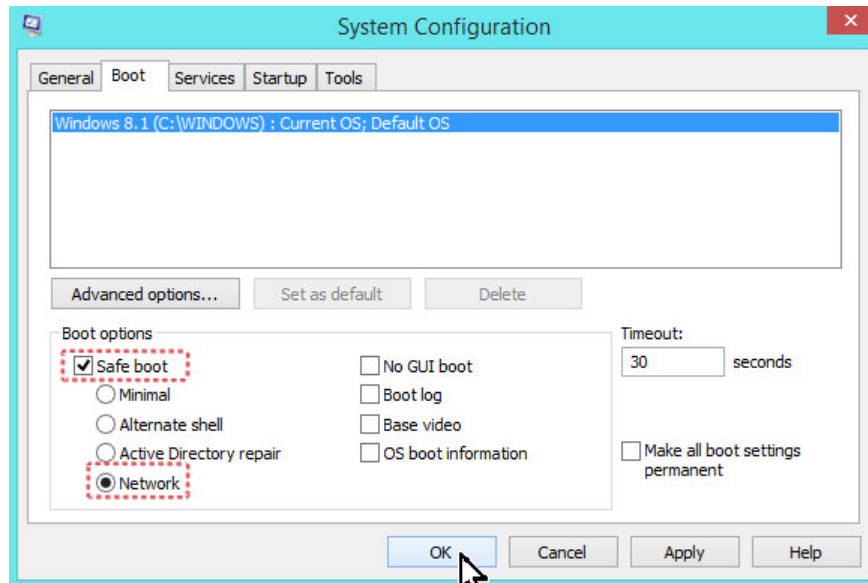
Note :

Download the x86 or x64 version that matches your operating system version. To know the version of the operating system you are using, right-click the Computer icon, select Properties and search in the System Type section.

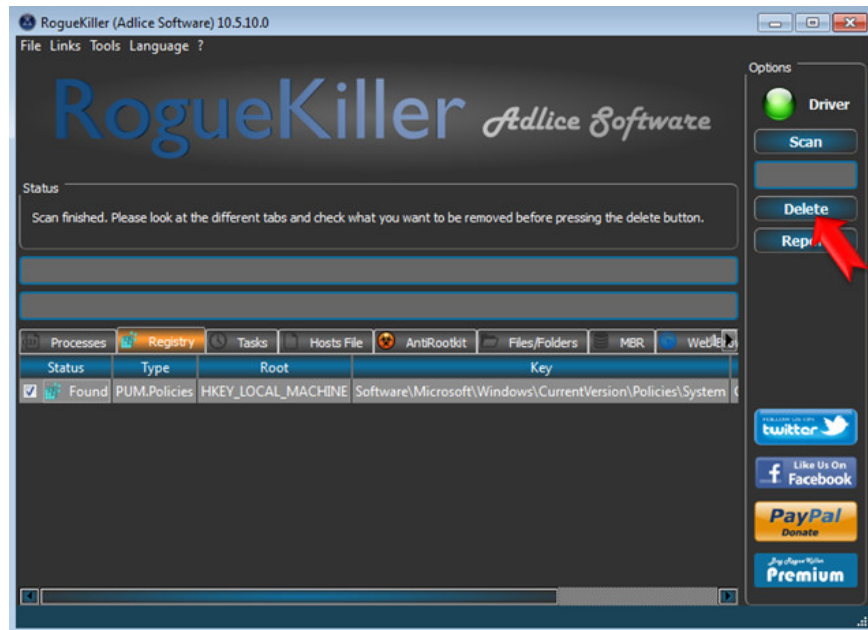
2. Double click to run **RogueKiller** .

3. Click **Accept** to agree to the terms, install the program.

4. The next step is to click **Scan** to scan for malware on your computer and on the **startup** port.



5. Wait until the scan is complete, click the **Registry** tab, select all items containing the malware found, and then click **Delete** to remove all items.



6. Close RogueKiller and proceed to the next step.

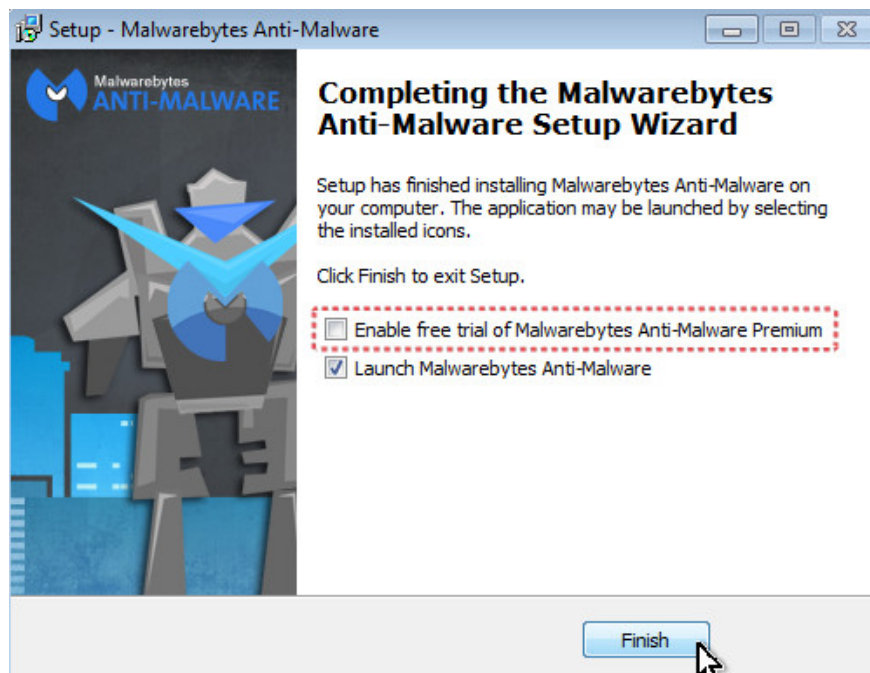
Step 3: Use MalwareBytes Anti-Malware to remove Cryptowall malware

Download Malwarebytes Anti-Malware Premium to your device and install it.

Download Malwarebytes Anti-Malware Premium to your computer and install it here.

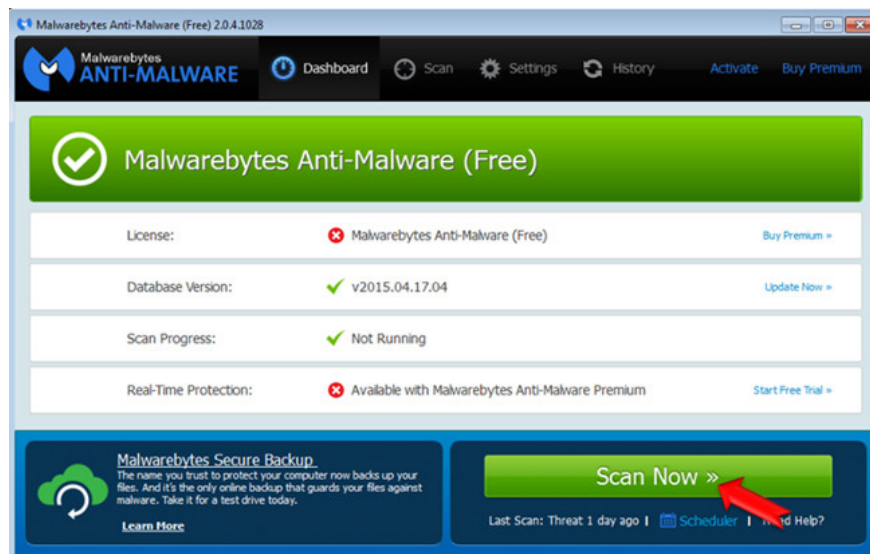
Note:

On the final installation window, uncheck the Enable free Trial of Malwarebytes Anti-Malware PRO section to use the free MalwareBytes Anti-Malware version.

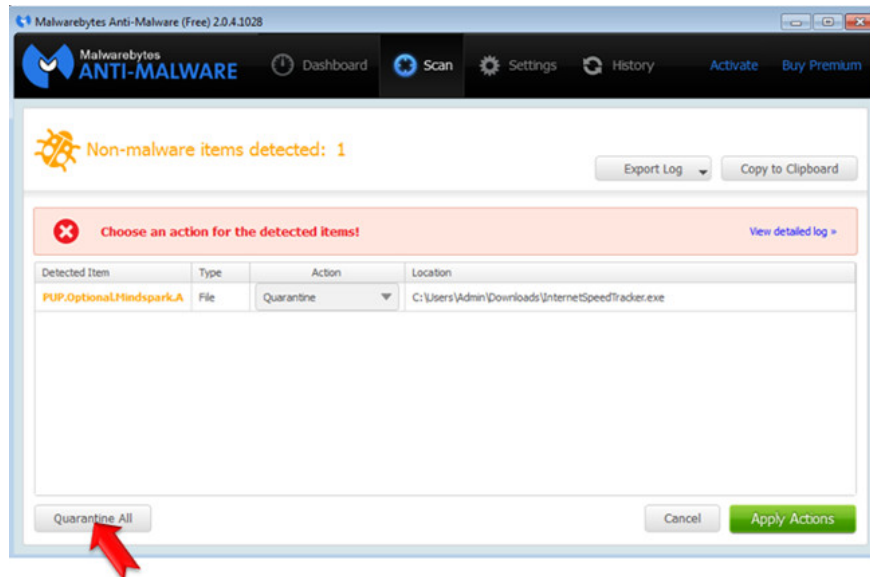


Scan and clean your computer with Malwarebytes Anti-Malware:

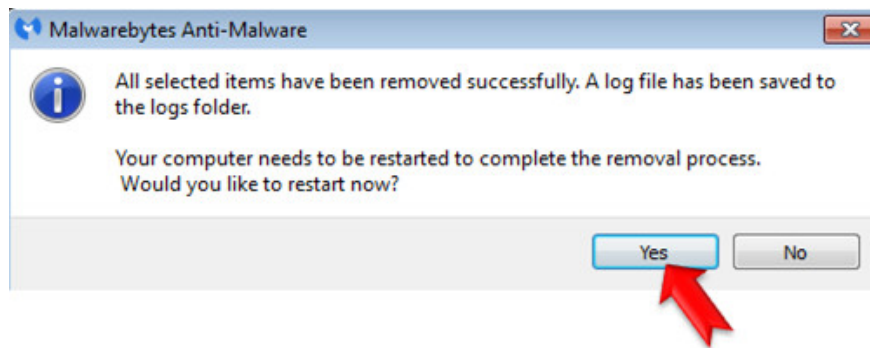
1. Run **Malwarebytes Anti-Malware** and allow the program to update (update) the latest version (if needed).
2. After the update process finishes, click the **Scan Now** button to start the scan of your system, remove **malware** and unwanted programs.



3. Wait until the system scan finishes. When the scan is complete, click **Quarantine All** to remove the detected threats.

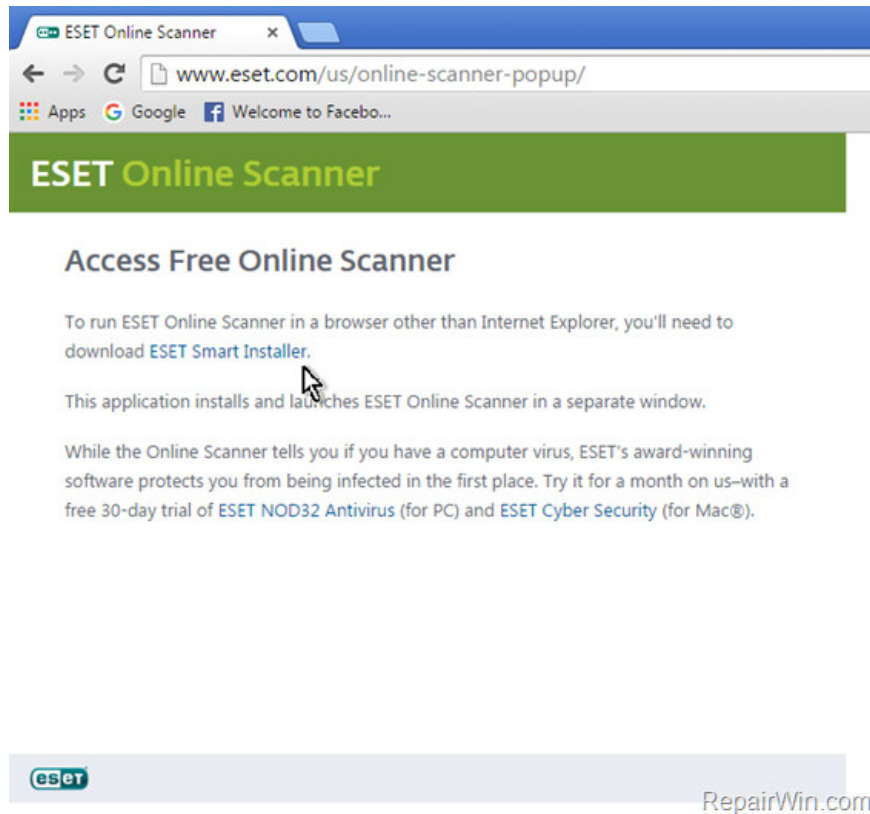


4. After the process is finished, proceed to restart your computer to complete the process.

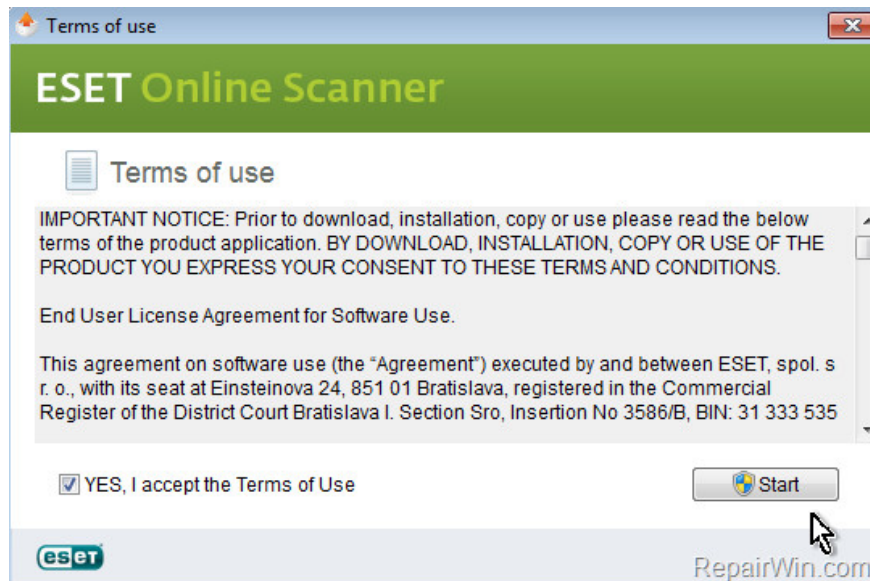


Step 4: Scan the system with Eset Online Scanner

1. Run Eset Online Scanner. If you use another browser and not Internet Explorer, click Eset Smart Installer to download the program to your computer and install.



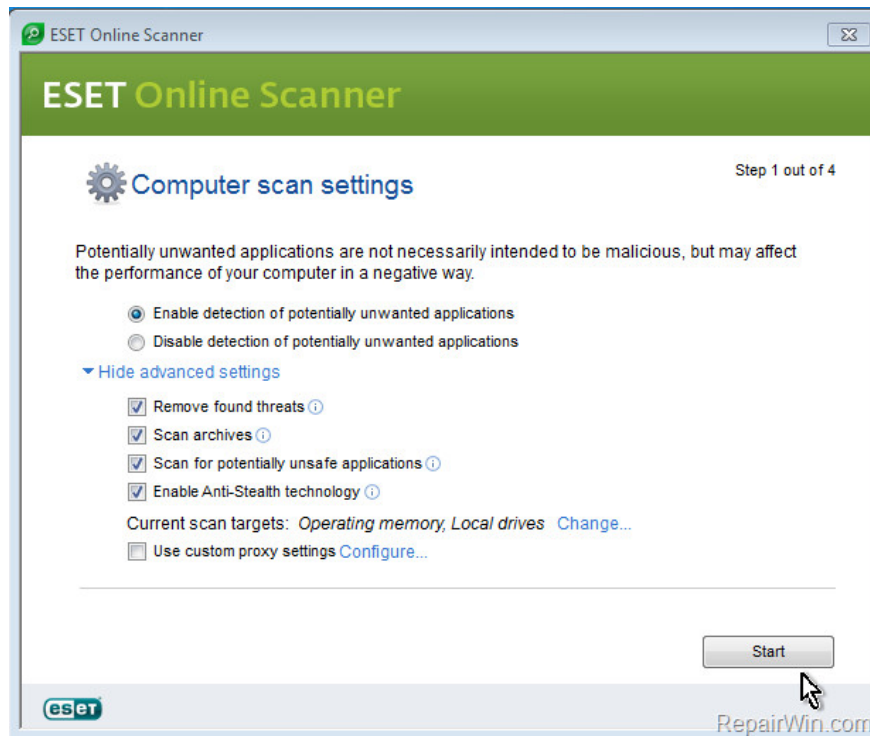
2. Accept the terms then click **Start** .



3. Wait for ESET Online Scanner to download the necessary "components", then proceed:

1. Select tick Enable detection of potentially unwanted applications.

2. Select all options in the 'advanced settings' section.
3. Click the Start button to scan and remove viruses and other malicious programs on your computer.



4. Wait until the ESET online scanner removes all the threats detected by the tool on your system.

Refer to some of the following articles:

1. What to do to handle "No Internet After Malware Removal" error?
1. How to remove unwanted Toolbar on Chrome, Firefox, IE and Edge browsers?
1. The steps to clean up the virus 'Activate this edition of Windows' attack your Windows computer

Good luck!

You finished reading the article "**What is Ransomware CryptoWall 4.0? How to clean up Ransomware CryptoWall 4.0?**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.