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Safety 101: Virus-fighting utilities

Tool for decrypting files affected by Trojan-Ransom.Win32.Rannoh infection

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2016 Dec 20 ID: 8547

If the system is infected by a malicious program of the family **Trojan-Ransom.Win32.Rannoh**, **Trojan-Ransom.Win32.AutoIt**, **Trojan-Ransom.Win32.Fury**, **Trojan-Ransom.Win32.Crybola**, **Trojan-Ransom.Win32.Cryakl** or **Trojan-Ransom.Win32.CryptXXX**, all files on the computer will be encrypted in the following way:

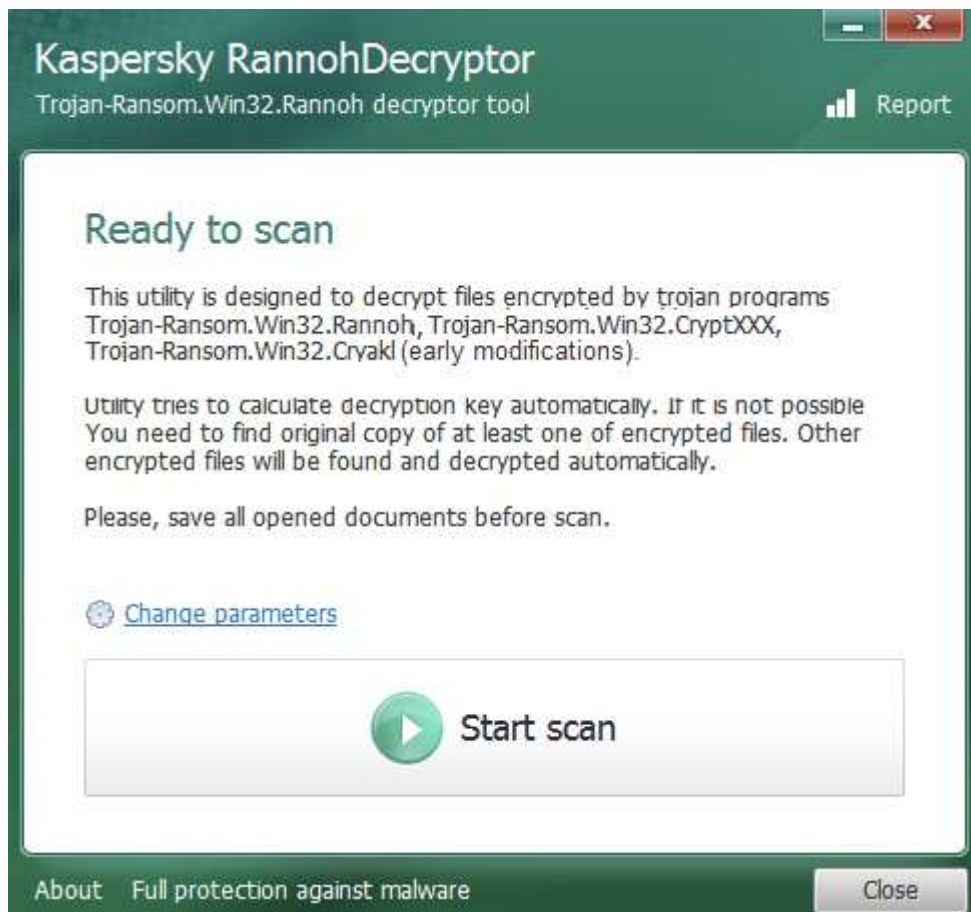
- In case of a **Trojan-Ransom.Win32.Rannoh** infection, file names and extensions will be changed according to the template **locked-`<original_name>.<four_random_letters>`**.
- In case of a **Trojan-Ransom.Win32.Cryakl** infection, the tag **{CRYPTENDBLACKDC}** is added to the end of file names.
- In case of a **Trojan-Ransom.Win32.AutoIt** infection, extensions will be changed according to the template **`<original_name>@<mail server>.<random_set_of_characters>`**.
Example: `ioblomov@india.com_.RZWDTDIC`.
- In case of a **Trojan-Ransom.Win32.CryptXXX** infection, extensions will be changed according to the templates **`<original_name>.crypt`**, **`<original_name>.crypz`**, **`<original_name>.crypt1`**.

RannohDecryptor tool is designed to decrypt files dectypted by **Trojan-Ransom.Win32.Polyglot**, **Trojan-Ransom.Win32.Rannoh**, **Trojan-Ransom.Win32.AutoIt**, **Trojan-Ransom.Win32.Fury**, **Trojan-Ransom.Win32.Crybola**, **Trojan-Ransom.Win32.Cryakl** or **Trojan-Ransom.Win32.CryptXXX** versions 1 and 2 and 3.

Disinfection

To disinfect the system:

1. Download [RannohDecryptor.zip](#). The following pages contain information on how to download the file.
2. Run RannohDecryptor.exe on the infected computer.
3. In the main window, click **Start scan**.



4. Indicate path to one encrypted file and one not encrypted file.
If the file is encrypted by **Trojan-Ransom.Win32.CryptXXX**, indicate the largest files. Only the files of this size or smaller ones will be decrypted.
5. Wait until the files are found and decrypted.
6. Reboot the computer, if needed.
7. To delete copies of encrypted files named like **locked-original_name.<four_random_letters>** after a successful decryption, use the option **Delete encrypted files after decryption**.

Please note. If the file was encrypted by **Trojan-Ransom.Win32.Cryakl**, the tool will save the files with the extension **.decryptedKLR.original_extension**. If you select the option **Delete encrypted files after decryption**, the decrypted file will be saved under the original name.

8. By default, the tool log is saved on system disk (the one with the operating system installed).

Log file name is: **UtilityName.Version_Date_Time_log.txt**

For example, **C:\RannohDecryptor.1.1.0.0_02.05.2012_15.31.43_log.txt**

If the system is encrypted by **Trojan-Ransom.Win32.CryptXXX**, the tool scans a limited number of files. If you have selected a file encrypted by CryptXXX v2, the encryption key restoration can take a rather long time. In this case the tool views the following message:



Command line options

If solution did not help

Was this information helpful?

[Yes](#) [No](#)

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