

pyLocky Decryptor Released by French Authorities

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By

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A decryptor for pyLocky Ransomware versions 1 and 2 has been released by French authorities that allows victim to decrypt their files for free.

According to a post by the French Ministry of Interior, this decryptor was created in collaboration between French law enforcement, the French Homeland Security Information Technology and Systems Service, and volunteer researchers.

"This tool is a result of a collaboration among the agencies of the french Ministry of Interior, including first the Brigade d'enquêtes sur les fraudes aux technologies de l'information (BEFTI) of the Direction régionale de la police judiciaire de Paris, on the basis of technical elements gathered during its investigations and the collaboration with volunteer researchers. Those elements allowed the Service des technologies et des systèmes d'information de la sécurité intérieure ST(SI)², part of the Gendarmerie nationale, to create that software."

While pyLocky has not seen a wide distribution, [the post](#) by the French Ministry of Interior states it is more active in Europe.

"PyLocky is very active in Europe and there are already many victims in France, both within the professional environment (SMEs, large businesses, associations, etc.) as well as at home."

Getting the pyLocky Decryptor

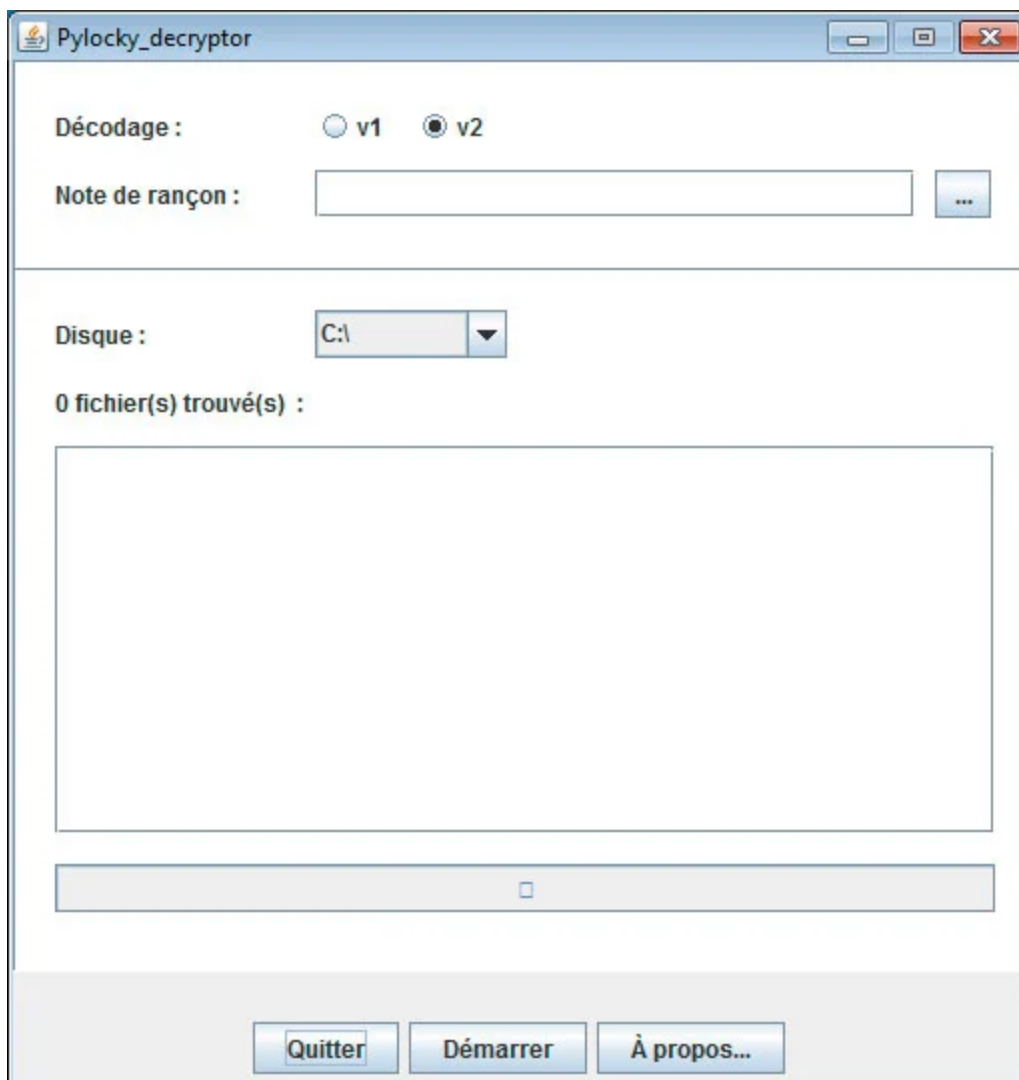
The pyLocky decryptor will decrypt files encrypted by version 1 and 2 of the ransomware. Supported encrypted file extensions for version 1 are **.lockedfile** or **.lockymap** and version 2 is **.locky**.

For those who were encrypted, you can download the pyLocky Decryptor from the following link.

pyLocky Decryptor

Download Now

To use this decryptor, victims will need to have the Java Runtime installed. Once installed, victims can double-click on the PyLocky_Decryptor_V1_V2.jar file to launch the decryptor.



Instructions on how to use the decryptor are included in the downloaded zip file or can be [read online](#).

Possible Command & Control server takeover

The pyLocker Ransomware utilizes Command & Control servers on the Tor network. These Tor servers are provided in the ransom notes created on a victim's computer as shown below.



```
LOCKY-README.txt - Notepad
File Edit Format View Help
Please be advised:
All your files, pictures document and data has been encrypted with Military Grade Encryption RSA AES-256.
Your information is not lost. But Encrypted.
In order for you to restore your files you have to purchase Decrypter.
Follow this steps to restore your files.

1* Download the Tor Browser. ( Just type in google "Download Tor" ).
2* Browse to URL : http://4wgcqlckaazugwzm.onion/index.php
3* Purchase the Decryptor to restore your files.

It is very simple. If you don't believe that we can restore your files, then you can restore 1 file of image format for free.
Be aware the time is ticking. Price will be doubled every 96 hours so use it wisely.

Your unique ID : XXXXXXXXXXXXX

CAUTION:
Please do not try to modify or delete any encrypted file as it will be hard to restore it.

SUPPORT:
You can contact support to help decrypt your files for you.
Click on support at http://4wgcqlckaazugwzm.onion/index.php

-----BEGIN BIT KEY-----
Uw0f62bz8M5h6bsJmdrpZfIQjIRpIuzYDU84UxiX+530xwEp2MdnDpm8TVm7tFAP1hw84bBFLGHG
mN+1H3AAfBqhCgw0wMg0UJyrMH01ocXTIt9dS9YS0011sI+f1qEtRTZ+Ud8R625Eau5CaDthvO11
UlnzBniFwvdr8V+rnbN0ZbyAJJkIXL/2WnK73e599gr1T6NuT2VKr3hdXpUwCstvbk7XzX0JXTy1
wBBmj6bk4nxH7Uxj/GZEu9mgAojBAFE8WptvdAGZg+1KcZ2H2ZqgIj0eDn1auG1QZqGhmY14M55
EJCHjMZRb1AprikGRrQJPNAE1Cb126/GF01rw==
-----END BIT KEY-----

-----
BEGIN FRENCH
-----

S'il vous plaît soyez avisé:
Tous vos fichiers, images, documents et données ont été cryptés avec Military Grade Encryption RSA AES-256.
Vos informations ne sont pas perdues. Mais chiffré.
```

pyLocky Ransom Note

Based on analysis by [Michael Gillespie](#), the decryptor contains 2 hard coded private RSA keys.

This could mean that French law enforcement or security researchers were able to gain access to a command and control server and retrieve the master private encryption keys for versions 1 and 2 of the ransomware.

It would also indicate that this is not a flaw in the encryption algorithm used by the ransomware.

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Lawrence Abrams

Lawrence Abrams is the owner and Editor in Chief of BleepingComputer.com. Lawrence's area of expertise includes Windows, malware removal, and computer forensics. Lawrence Abrams is a co-author of the Winternals Defragmentation, Recovery, and Administration Field Guide and the technical editor for Rootkits for Dummies.

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my all file encrypted with FORDAN extension please help me

No key for ID: qOYn1VNGsvBEwqldLg6QzqQVTpWLPn9U0xdyJC4n (.fordan)

Unidentified ID: qOYn1VNGsvBEwqldLg6QzqQVTpWLPn9U0xdyJC4n (.fordan)

MACs: 00:11:22:98:76:54, 0C:9D:92:80:F0:3E



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Good luck.

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