

Virus encrypts victim's computer data for ransom

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Understanding the psychology of many Westerners who are buying goods at the end of the year, a group of unknown hackers created **CryptoLocker** and sent them in spoofed emails of courier shipping orders from **Fedex** or **UPS**, when the user clicks this link, the device is infected. It is worth mentioning that the virus is also called "**Ransomware: virus for ransom**", when it has controlled the victim's computer, they will proceed to encrypt the important data files of the machine, and give a warning. Ransom, sometimes 100 USD, 200 USD, 300 USD or 2 Bitcoin. The victim has a maximum of 100 hours to conduct a ransom transfer, otherwise the data will be deleted.



According to *NCA*, **CryptoLocker virus** has spread to tens of millions of computers in Europe and there are still signs of an increase, even a police station in the city of **Swansea** (*Wales*) is infected with the virus and pay 2 bitcoin. (\$ 750 at that time) to "redeem" your data. Fortunately, they are working with the network security to stop the ransom virus, reporting Monday that December 2, the server containing *the CryptoLocker virus* has been disabled. The current warning is **not to open untrusted links in strange emails**.

Bitcoin is a virtual currency unit, introduced by a person or an organization with the nickname **Satoshi Nakamoto** in 2009. Characteristics of this currency are born with *peer to peer* computer systems, For example, bit-torrents, system computers will perform extremely complex calculations to generate bitcoins, which are called "*bitcoin plowing*", the more powerful a computer is, the "*plowing*" is possible. The more bitcoin is.

However, bitcoin founders have limited each hour to only a maximum of 300 bitcoins, after a four-year cycle, halved. For example from 2009-2013 is 300 bitcoin / hour, from 2014-2017 is 150 bitcoin / hour. This limit helps the amount of bitcoins generated less, so their value is increased, typically at the present time, a bitcoin costs about 1200 USD. Hackers create ransom CryptoLocker with Bitcoin because this money can be easily traded on the Internet, without fear of being traced compared to using a bank credit card.

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