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SHA256 ALGORITHM  
HASHRATE: 312.2 Ph/s

powered by whatmine  
HEIGHT: 350310  
DIFF: 46.72 Bln

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VOLUME (24H): \$ 23,293.2

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Author Carlo Caraluzzo

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# Internet-Wide SSLv3 Vulnerability Exposed: Google and BitMEX Offer Fixes

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Search engine giant Google announced (<http://googleonlinesecurity.blogspot.co.at/2014/10/this-poodle-bites-exploiting-ssl-30.html>) another internet-wide SSL vulnerability that is affecting almost every active server and web browser, including Firefox and Google Chrome.

The details were published on the blog posted above, but the problem is relatively simple. The protocol affected is called SSLv3. This protocol can be found in all of the major browsers and is kept there because of compatibility issues. But because SSLv3 is nearly 15 years old, problems in communication between a browser and a remote server, which may view it as a bad actor, can be used to trap your encrypted communications (which include your ISP, Wi-Fi host or proxy server) and can easily compromise your system and even hijack your accounts.

Google system administrations are currently working on changes but most sites are still vulnerable. The good news, however, is that there is a manual fix for the problem. Instructions for those fix are located below.

Applying these changes is especially important for Bitcoin users because hackers can steal session cookies from Bitcoin websites, such as exchanges and online wallets, giving them access to those accounts.

This would allow these bad actors to make trades or transfer funds as if they were you. It is also recommended to use Two-Factor Authentication (SMS, Google Authenticator, Authy, Yubikay, etc.) on any website that you use to handle money. This is far from complete protection but it will prevent funds from being withdrawn from most, but not all exchanges.

## Amid Double Taxation, Austra Govt Now Links Bitcoin to Corporate Tax Evasion

In the latest hurdle to beset the cryptocurrency sphere in Australia, new government tax paper has list Bitcoin among the methods which

(/news/113824/amid-double-taxation-australia-govt-now-link-bitcoin-to-corporate-tax-evasion-2015-03-30 by William Suberg

## University Professor to Canada Senate: Bitcoin Users Must 'Get Their Money Back'

Continuing its open ear policy towards digital currency, the Canada Senate last week held an in-depth Q&A with an industry spokesperson...

(/news/113822/university-professor-to-canada-senate-bitcoin-users-must-get-their-money-back-2015-03-30 by William Suberg

## MAR 30 DIGEST: SOCOM monitoring Bitcoin for Terrorism Funding, T-Mobile Poland gets own BTM

The United States SOCOM has outlined how it views Bitcoin, admitting to monitoring and tracking transactions. A proposal for a decentralized...

(/news/113823/socom-monitoring-bitcoin-for-terrorism-funding-t-mobile-poland-gets-own-btm-2015-03-30 by Charlie Richards

## iNation Joins Forces with the IBREA to Put Deeds on the Blockchain

iNation and the International Bitcoin Real Estate Association (IBREA) are joining forces to allow real estate deeds to be copied to the bloc...

(/news/113825/ination-joins-forces-with-the-ibrea-to-put-deeds-on-the-blockchain)

The news was released by Google on October 15 and the problem has already been eliminated on both BitMEX (https://www.bitmex.com/) and TestNet (https://testnet.bitmex.com/). It's expected that the issues will be resolved for all of them during the next few days. Regardless, if you have funds at risk, it is still advisable to do the fixes manually in your browser.

The instructions are presented below:

**SSLv3 VULNERABILITY EXPOSED**

**THE INSTRUCTIONS TO FIX IT**

**IF YOU ARE RUNNING FIREFOX VERSION 34 SSLV3 WILL BE DISABLED BY DEFAULT**

**IF NOT SIMPLY TYPE *ABOUT: CONFIG* IN YOUR ADDRESS BAR**

**SEARCH IN THE MENU TO FIND *SECURITY.TLS.VERSION.MIN* AND SET THE VALUE TO 1**

**WHEN THIS IS COMPLETE, RESTART YOUR BROWSER**

**WINDOWS**

**LINUX**

**MAC**

**Firefox**

If you are running Firefox version 34 (Release set for November) SSLv3 will be disabled by default. If not simply type "about: config" in your address bar. You will receive a warning that says: "This might void your warranty!" Click "I'll be careful, I promise" and continue.

Search in the menu to find "security.tls.version.min" and set the value to 1. When this is complete, restart your browser to release any open SSL connections.

**Google Chrome**

**Windows**

Simply Edit the shortcuts you use to open Chrome and add "--ssl-version-min=tlsl1".

**Mac**

Chrome has no UI for disabling SSLv3 so it needs to be done via initialization switches.

Create an AppleScript:

```
Do shell script: "/Applications/Google\Chrome.app/Contents/MacOS/Google\Chrome--ssl-version-min=tlsl1"
```

Finally save it as an application and use it to start Chrome.

**Linux**

Linux requires you to edit the "/usr/share/applications/google-chrome.desktop" file. (sudo nano /usr/share/applications/google-chrome.desktop). Find all lines starting "Exec=" to include "--ssl-version-min=tlsl1". Please also check the Google product forum's Q&A

2015-03-30 by Ian DeMartino

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(/news/113843/bitpay-announces-worlds-first-bitcoin-miner-powered-by-car-braking 2015-04-01 by Cecile Baird

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(https://productforums.google.com/forum/#!topic/chrome/mE-KUuYBkSU).


CoinTelegraph would like to thank Samuel Reed, CTO at BitMEX for passing this information on the proposed manual fixes. The related issues at BitMEX have already been repaired and BitMEX has posted what they did here (file:///C:/Users/Alina/Desktop/:%20http://us3.campaign-archive2.com/?u=db45c09bdf20e1866bb32123f&id=58bd43019d&e=746dbe52cc).

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