

March 2018 - Newsletter
Seiretto Ltd
<https://www.seiretto.co.uk/>

Good Afternoon!

In this newsletter:

- Login issues caused by Encryption system upgrade
- New Domain Name Tools: MX TXT and Blacklist lookup
- SSL renewals - now expire early to allow for timely replacement
- Are you a MINER and did not even know it?
- PHP mcrypt deprecated in PHP version 7.1

Login issues caused by Encryption system upgrade

Last month a small number of clients reported issues with our login page (<https://seiretto.co.uk/clients/login/>) since the upgrade at the end of January.

We are very sorry for any issues caused. The upgrade was necessary to continue the long term security of all our client data. The change was thoroughly and carefully tested and checked prior to being deployed. However, the change created an unexpected issue on the live system where a small number of usernames were not being accepted on our login page. Once we were made aware of the issue it was corrected immediately.

If you are experiencing any issues using our login page:

<https://seiretto.co.uk/clients/login/>

please contact us and we will resolve any issues for you.

New Domain Name Tools: MX TXT and Blacklist lookup

During the last few weeks we have added to, and improved, our domain name tools set.

We now provide:

- MX record lookup: <http://www.seiretto.com/domains/mx/>
- TXT record lookup: <http://www.seiretto.com/domains/txt/>

- Blacklist spam checker: <http://www.seiretto.com/domains/blacklist/>

All these new lookup functions are now live on our website and they are in addition to the existing DNS and WHOIS lookups.

For all our Domain Name Tools please see:

<http://www.seiretto.com/domains/>

SSL renewals - now expire early to allow for timely replacement

Clients with SSL certificates with us will notice that their renewals for SSLs now expire 14 days early (see renewals page once logged in:

<https://seiretto.co.uk/clients/login/>).

It does not affect the actual due date which is 14 days later, and has been applied to ensure no SSLs expire without receiving advance notice to renew them, and therefore hopefully avoids any issues.

Are you a miner and did not even know it?

Digital currency is mined and there are a growing number of malware scripts mining this currency, and often without your knowledge.

Have you noticed your computer spiking CPU usage? You could be mining currency for the benefit of someone else.

There are now several new strains of malware which could be hijacking your processor for digital currency mining, many are not yet profitable but when they are the distribution will spiral:

<https://arstechnica.com/information-technology/2018/01/in-the-wild-malware-preys-on-computers-dedicated-to-mining-cryptocurrency/>

Some magazines are now allowing you the choice of paying a subscription or mining a currency:

<http://www.bbc.co.uk/news/technology-43053783>

PHP mcrpt deprecated in PHP version 7.1

If you use encryption on any of your PHP applications then you must check for the use of PHP mcrpt (<http://php.net/manual/en/ref.mcrypt.php>). This library has not been updated for several years and is now potentially insecure.

Ensure you check all PHP code to ensure MCRYPT (mcrypt_encrypt and mcrypt_decrypt) is replaced on all your PHP code as it will be removed from PHP 7.2:

<https://wiki.php.net/rfc/mcrypt-viking-funeral>

Not sure, please contact your developer.

If your website does not use PHP Mcrypt then you can ignore this, but do check as your website could stop working if it does depend upon Mcrypt.

One alternative to Mcrypt that could work for many is OpenSSL

<http://php.net/manual/en/function.openssl-encrypt.php>

or Sodium (available in PHP7.2 - which makes it too late to switch to)

<http://php.net/manual/en/intro.sodium.php>

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Thank you for reading!

Please let us know if you have any queries? Just reply now....

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<http://www.seiretto.com/newsletters/>

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