

June 2019 Newsletter from Seiretto Ltd

<https://www.seiretto.co.uk/>

Good Morning!

**In this newsletter:**

- **How to transfer a .GOV.UK domain name**
- **Programmers failing to secure our data: still storing passwords in plain-text!**

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### How to transfer .GOV.UK domain name

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The transfer of a .gov.uk domain is more complex and time consuming than your standard .com or .co.uk domain. There are more processes to go through and more stringent checks along the way, as you might expect.

However, if done correctly it can be completed within a few days without downtime. We show you how to setup and test your dns/website/email before moving your domain name to our servers, which means if you have completed the tests correctly then there will be no downtime.

Find out more: <http://www.seiretto.com/domains/how-to-transfer-.gov.uk-domain-names.php>

Have a question on transfers in of .gov.uk domains, contact us now:

<https://www.seiretto.co.uk/contactus/>

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### Programmers failing to secure our data: still storing passwords in plain-text!

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A study completed by a university found that there are very few programmers properly securing our data. The main emphasis was on **password-storage**, for which the ONLY real safe and secure method is via a **one-way hashing algorithm**.

Reading through the whole article and user comments I found only a single user comment which mentions one-way storage on both Schneier:

[https://www.schneier.com/blog/archives/2019/03/programmers\\_who.html](https://www.schneier.com/blog/archives/2019/03/programmers_who.html)

and ZDNET:

<https://www.zdnet.com/article/study-shows-programmers-will-take-the-easy-way-out-and-not-implement-proper-password-security/>

If you are a programmer and need to store **passwords** then remember the ONLY real safe and secure method is via a **one-way hashing algorithm**. If the project has a specific requirement for password retrieval then ensure a secure method is used such as OpenSSL to encrypt and decrypt the data.

DO NOT TAKE lessons from **facebook**, who we know store passwords in plain text:

[https://www.theregister.co.uk/2019/04/26/facebook\\_sued\\_again/](https://www.theregister.co.uk/2019/04/26/facebook_sued_again/)

(why are people, young and old, still sharing their personal data with facebook who has ZERO respect for private data?)

Thank you for reading, please let us know if you have any queries or questions?

Missed a newsletter? Copies of most of them are online here:

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

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