A More Secure Internet, by Erik Buschardt (7/16/16)

Building a more secure Internet has been on my mind recently. Without reinventing the wheel, I feel it is indeed very possible and theoretically easy to accomplish using a layered and phased approach.

As we have already realized, the concern is not to limit the accessibility of the open unsecured areas of the Internet in order to reduce vulnerabilities and exposure, but rather to add an additional layer for the purpose of secured transactions and secured communications as the need arises. This should pay for itself no matter the cost of the infrastructure and maintenance, the extra protections afforded will always be worth it.

We have already seen similar technologies that lead up to this idea of security, with the introduction of the protocols HTTPS (rolled out gradually on a number of organizational websites large and small), SFTP (introduced in 2013), and Simple Mail Transfer Protocol Secure (introduced in 1997-98 but reintroduced in 2014).

Finally, to address the concerns with regards to the ".secure" gTLD or Top Level Domain by Artemis Internet NCC subsidiary company, I feel that it is a good idea but goes a little over the top in terms of practicality. While it is true that a number of firms and large enterprises would benefit from the security procedures explained at length in the article below, the marketing efforts and research for consumer acceptance would limit the scope of a successful campaign. More time and effort is spent to reinvent the wheel than what I feel is necessary.

Rather, we should fix what dot-coms, dot-orgs and dot-edus that we have (not to mention dot-country-codes that exist around the world already), using best practices and careful development, not rushed, and a phased launch approach as we have seen with many websites and services already in production.

http://domainincite.com/13626-artemis-signs-30-anchor-tenants-for-secure-gtld