How do you make your servers as secure as possible while using the latest open security standards?

And how do you ensure your information and services are available to everyone, everywhere, all of the time?

The world relies on an Internet that is open, globally-connected, trustworthy, and secure. Which is why we believe the networks and servers that make up the Internet should be based on the latest and most secure open Internet standards.

We want to see open standards deployed everywhere

We're promoting best practices to encourage server operators to deploy the latest open standards and we're providing training and documentation to help you take action. Our short-term efforts focus on helping you improve the security and availability of your web servers. Later, we'll shift the focus to other critical servers, such as email servers, network time servers, DNS servers, and messaging servers.

How We're Helping

Inform: We'll keep you updated on the latest open Internet standards developed by the Internet Engineering Task Force (IETF) and show why they matter.

Educate: In 2020, we'll provide training to support website administrators with the deployment of the latest open standards. If you're using hosting services and Content Delivery Networks (CDNs), we'll equip you with the knowledge so you can ask your providers to make these improvements where possible.

Collaborate: With the community's input, we'll create step-by-step documentation that anyone can easily understand, showing exactly what has to be done to increase web server security. This documentation will be available to everyone and will be continuously updated to reflect the latest standards.

Lead by Example: Security is only possible if everyone does their part. We'll ensure that all Internet Society-operated websites conform to the latest open standards.

Open Standards in Action

We want to see an increase in the security and availability of web servers across the Internet – and our work is already underway. In May 2020, over 70 Internet Society Chapter representatives from across the world took part in virtual training sessions. With the help of purpose-built Nginx and Apache test servers, they learned how to make their own servers and websites more secure.

Get Involved

- Learn more about the Open Standards Everywhere Project.
- Contribute to the how-to documentation on GitHub.
- Become a member and join our Open Standards Everywhere discussion forum.
- Already a member? Log in to Connect and talk to us on the Open Standards Everywhere channel.
- Get involved with the IETF and in the development of open standards.

Internet Society

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