

Electronic Communications

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Goals

The Region 8 Electronic Communication Coordinator’s job is to facilitate communication, both between members of the Region 8 Committee and between this committee and present or future IEEE members.

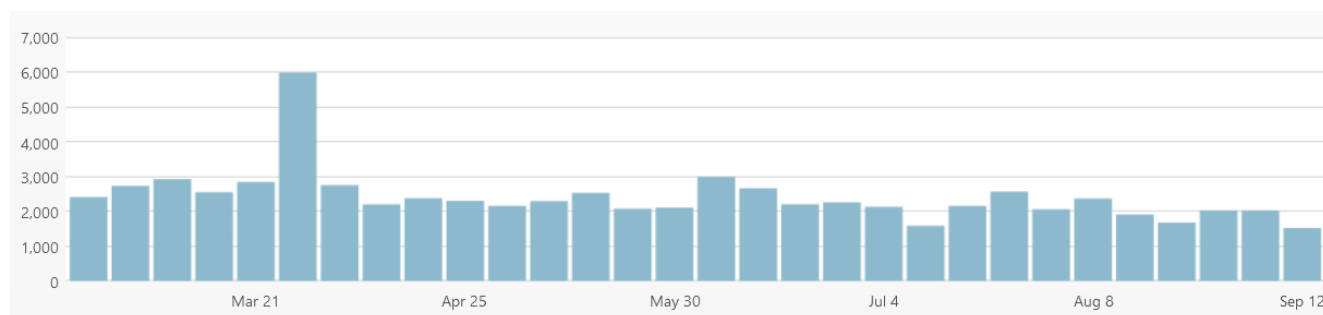
What is involved:

1. Supporting technically and administratively the committee meetings.
2. Performing content updates to our web server.
3. Managing access rights to the various systems we administrate.
4. Performing security and other feature updates to our web server.
5. Maintaining and updating our mailing distribution lists.
6. Creating new OU's websites at our web server and supporting their initial steps.
7. Supporting the chairs and appointed members during online meetings.
8. Creating custom pages at our website to perform custom functionalities.
9. Performing bug fixes caused by updates to our web server.
10. Investigating new technologies.
11. Developing tools as needed (e.g., the on-screen timer adopted by IEEE and is used at the board of directors; it was developed by us by our own initiative).
12. Investigate Cybersecurity issues.

Progress against goals since the last report

After moving all sub-sites from our main server, we were able to revert the configuration settings on our server and make execution faster as less operations are performed on each visit. Additionally, themes and plugins that were useless after the change were also removed.

Website statistics from JetPack:



Attack statistics from WordFence:

Firewall Summary: Attacks Blocked for ieeer8.org

Block Type	Complex	Brute Force	Blocklist	Total
Today	6	0	146	152
Week	253	0	1,003	1,256
Month	1,080	0	3,021	4,101

A complex attack is when a visitor makes a request to the site that is specifically crafted to exploit the site or find a vulnerability they can later exploit.

Brute force attacks are username/password-guessing attempts.

The blocklist is the number of times an IP has been preemptively blocked from accessing the site altogether.

Password Manager

A password manager was deployed and is currently being configured to accommodate the needs of the committee. Previously, several options were tested and the one that fitted our needs the most was selected.

Hybrid Meetings

The 118th committee meeting was also held as a hybrid meeting, supporting remote presentations and speakers using enhanced hardware and software to accommodate a seamless interaction between the members.

OU Analytics

We identified a vulnerability that reveals certain volunteer information to registered people, the incident was reported and we are waiting for a response.