

ISOC Fellowship to the IETF

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SANOG

About IETF

- Identifying, and proposing solutions to, pressing operational and technical problems in the Internet
- Specifying the development or usage of protocols and the near-term architecture to solve such technical problems for the Internet
- Making recommendations to the Internet Engineering Steering Group (IESG) regarding the standardization of protocols and protocol usage in the Internet
- Facilitating technology transfer from the Internet Research Task Force (IRTF) to the wider Internet community
- Providing a forum for the exchange of information within the Internet community between vendors, users, researchers, agency contractors, and network managers

Types of Documents

- Proposed standards
- Draft standards
- Internet standards (sometimes called "full standards")
- Best current practices (BCP) documents
- Informational documents
- Experimental protocols
- Historic documents

How a Standard is created

The basic steps for getting something published as an IETF standard are as follows:

- Publish the document as an Internet-Draft.
- Receive comments on the draft.
- Edit your draft based on the comments. Repeat steps 1 through 3 a few times.
- Ask an Area Director to take the draft to the IESG (if it's an individual submission). If the draft is an official Working Group product, the WG chair asks the AD to take it to the IESG.
- Get reviews from the wider IETF membership. In particular, some of the areas in the IETF have formed review teams to look over drafts that are ready to go to the IESG. Two of the more active review teams are from the Security Directorate ("SecDir") and the General Area Review Team (GENART).
- Make any changes deemed necessary by the IESG (this might include giving up on becoming a standard).
- Wait for the document to be published by the RFC Editor

My Experience

- A very different conference
- Meeting with the Luminaries of the Internet world
- Learning at IETF was like drinking through the firehose
- Mentorship
- Contributions
- Attending the AVT WGs
- The corridor conversations

What You can Do

- READ
- IMPLEMENT
- WRITE

What Your Company can do

- SHARE
- OPEN UP
- JOIN

About the ISOC Fellowship

What the Fellowship provides

- IETF Meeting registration fees and Social Event fees
- Round-trip economy class fares
- Hotel Accomodation
- Small Stipend to offset incidental expenses

Thanks

- Email : vinayakh@gmail.com
- References: Tao of the IETF - <http://www.ietf.org/tao.html>
- References: ISOC Fellowship <http://www.isoc.org/educpillar/fellowship/index.php>