EDUNEXT BoF
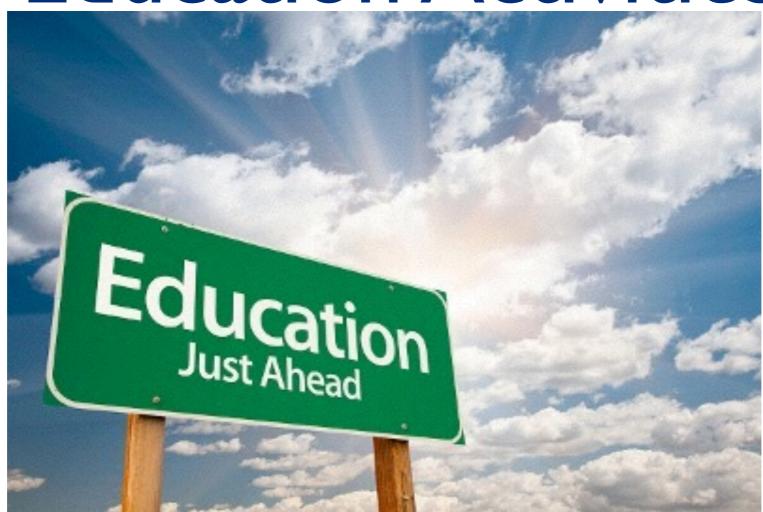# IETF 93, Prague, CZ

Mirjam Kühne
Dan Romascanu

The Future of the IETF Education Activities

Edu Team & Mentoring Team

EDUNEXT BoF | IETF 93 | Prague, CZ | 20 July 2015

Note Well

This summary only meant to point you in the right direction, and doesn't have all the nuances.

Brief summary:

- By participating in the IETF, you agree to follow IETF processes

- If you are aware that a contribution of yours (something you write, say, or discuss in any IETF context) is covered by patent applications, you need to disclose that fact.

- You understand that meetings might be recorded, broadcast, and publicly archived.

For further information, please talk to a chair, ask an Area Director, or review the following:

- BCP 9 (on the Internet Standards Process)

- BCP 25 (on the Working Group Process)

- BCP 78 (on the IETF Trust)

- BCP 70 (on Intellectual Property Rights in the IETF)

I E T F

Administrative Tasks

- Blue Sheets

- Two note takers

- One jabber scribe

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IETF 93 EDUNEXT BoF Agenda

1. Welcome, Agenda Bashing (BoF chairs) [5 min.]

2. Edu Team Activities (Mirjam Kühne) [15.min]

3. Mentoring Program (Nalini Elkins) [15 min.]

4. Discussion and Feedback (all) [60 min.]

   • Other experiences (audience speakers)

5. Wrap up and next steps (BoF chairs) [5 min.]

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The Edu Team

Mirjam Kühne

Edu Team History

- Education and Newcomers orientation since early 1990s

- Targeted to IETF leadership and participants

- Long tradition of Sunday tutorials

- Run by team of volunteers

- Topics can be suggested by anyone, vetted by team

- Officially part of GEN Area

- Liaison with IESG member since recently

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Edu Team

Current Members

- Radia Perlman

- Mirjam Kühne

- Alice Russo

- Scott Bradner

- Brian Carpenter

- Russ Housley

- Nalini Elkins

- Dan Romascanu

- Thomas Narten

Former Members

- Avri Doria

- Margaret Wasserman

"Special" Members

- IETF Chair

- IESG liaison

- IETF Secretariat

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Charter

The Education (EDU) Team manages the internal educational activities of the IETF with the goal of **improving the effectiveness of IETF operations**. We strive to improve the effectiveness of IETF leaders and participants by offering **training sessions and educational materials** that **clarify their roles and responsibilities** and prepare them to be more effective in their roles.

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Sunday Tutorials

- Process oriented

  - bringing new work into the IETF, leadership training, area overview sessions, document editing, etc.

- Technical topics

  - security, privacy, routing, DNS, measurements etc.

- Slides and recordings archived

- Feedback via IETF survey and targeted surveys

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WG Chairs Trainings

- Wednesday at lunch time at each IETF meeting

- Brings WG chairs together

- Presentations done by volunteers

- Topics typically suggested by IESG or WG chairs

  - but could be anyone

- Slides and minutes archived

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We need:

- New ideas

- New members

- New formats

- New audiences

- New topics

- New presenters, speakers

New Members Needed

- Some Edu Team members will retire soon

- Some Edu Team members stepped down

- Fresh ideas needed

- IETF chair very supportive of Edu activities

    - official IESG liaison assigned (Martin Stiemerling)

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New Ideas, Audiences

- Face-to-face tutorials on Sundays

  - pros: meet people, meet the experts

  - cons: time conflicts, clashes with travel and other mtgs.

  - use time for something else?

- Reaching out to old and new audiences

  - how best to reach and guide new audiences?

  - how best to support WG chairs?

  - how to include open source community, other regions, others?

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New Formats

- Webinars

  - pros: more topical, supports remote participation

  - cons: need to be run professionally and regularly

- Videos

  - pros: shorter, more up-to-date

  - cons: need to find more speakers; need to be updated

- More modular, shorter tutorials

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The Mentoring Program

Nalini Elkins

History of the Mentoring Program

- Stated by Alissa Cooper and Brian Haberman in 2013

- Scope

    - match experienced IETF participants with newcomers

    - mentors have guidelines to follow

    - only at IETF meetings

    - issues with mentoring follow

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Program Focus

- Program is "Freshman buddy" rather than true mentoring relationship

- Creating true mentoring relationship is not easy

- Other organisations (Sigcomm, universities, ISOC) have:

  - similar, contract-based, activity-based

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Number of Mentees

- Average less than 30 per meeting

- Do we need to market better?

- Is a "Freshman buddy" at an IETF meeting really what is needed? Or is help with writing a draft or being involved in commenting on a draft/topic what is desired? or something else?

- Are new people "afraid to ask", intimidated or do not see the value of the mentoring program?

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Importance of Edu/Mentoring

- The power of the IETF lies in bringing minds of very different types, cultures, and experiences together to solve complex problems.

- In the future, we need to involve more young people, women, and non-western participants as this is how we will have a chance at solving the large problems that face us. We need the perspectives that they will bring.

- How to do this?

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Tools for Mentoring Program

- Rudimentary

- Xcel spreadsheets

- Will not scale

Remote Participation

- Physical attendance is not possible for many

- We need their input and participation

- Can we set up remote sites where people can gather and participate together in IETF sessions?

  - maybe at universities?

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Possible Collaboration

- Merging Edu and Mentoring Team?

- Closer interaction with IESG?

  - to suggest and review topics and slides?
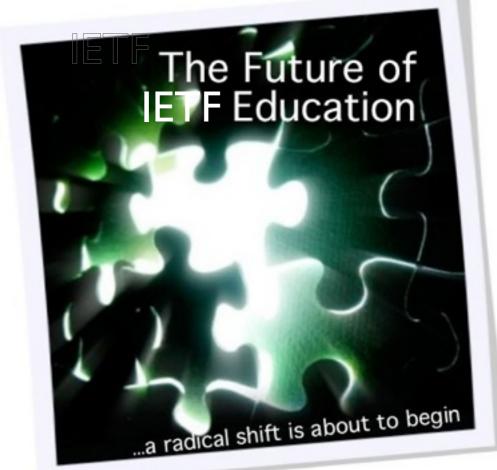
- Closer interaction with WG chairs?

- Other teams?

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Discussion & Feedback

All

Questions for You!

- Sunday Tutorials

  - Do you want to keep them as they are?

  - Do we want to explore using the time for different formats/activities?

- Edu Topics

  - What topics should be covered?

    - technical, tools, management, etc.

IETF
The Future of IETF Education

...a radical shift is about to begin

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More Questions for You!

- Training methods

  - Webinars, Podcasts, videos (youtube?), others?

  - Online archive of materials? How? Where?

- Mentoring

  - How can efforts be better coordinated?

  - Additional mentoring activities possible?

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Contact Information

- Contact us at edu-team@ietf.org

- Public Edu mailing list: edu-discuss@ietf.org

- Edu Team web site: http://edu.ietf.org

- Edu team wiki: http://wiki.tools.ietf.org/group/edu

https://datatracker.ietf.org/doc/draft-kuehne-gen-edu-mentor/

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