

# Time Variant Routing BoF

## IETF 115

London

### Chairs:

Lou Berger [lberger@labn.net](mailto:lberger@labn.net)

Russ White [russ@riw.us](mailto:russ@riw.us)

### Secretary:

Yingzhen Qu [yingzhen.ietf@gmail.com](mailto:yingzhen.ietf@gmail.com)

### Online Agenda and Slides at:

<https://datatracker.ietf.org/meeting/115/session/tvr>

Group Information: <https://datatracker.ietf.org/wg/tvr>



This session is being recorded

# IETF Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

As a reminder:

- By participating in the IETF, you agree to follow IETF processes and policies.
- If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.
- As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.
- Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.
- As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (<https://www.ietf.org/contact/ombudsteam>) if you have questions or concerns about this.

Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- BCP 9 (Internet Standards Process)
- BCP 25 (Working Group processes)
- BCP 25 (Anti-Harassment Procedures)
- BCP 54 (Code of Conduct)
- BCP 78 (Copyright)
- BCP 79 (Patents, Participation)
- <https://www.ietf.org/privacy-policy/> (Privacy Policy)

Also see: <http://www.ietf.org/about/note-well.html>

# IETF Conduct Guidelines

- The IESG has asked all chairs to remind their working groups of the need for appropriate behavior. This is described in more detail in BCP 54. In summary:
  1. IETF participants extend respect and courtesy to their colleagues at all times.
  2. IETF participants have impersonal discussions.
  3. IETF participants devise solutions for the global Internet that meet the needs of diverse technical and operational environments.
  4. Individuals are prepared to contribute to the ongoing work of the group.

# IETF 115 Meeting Tips



- **In-person participants**

- Make sure to sign into the session using the Meetecho (usually the on-site “Meetecho lite” client) from the Datatracker agenda
- Use Meetecho to join the mic queue
- *Keep audio and video off if not using the onsite version*
- **Please wear a mask**

- **Remote participants**

- Make sure your audio and video are off unless you are chairing or presenting during a session
- Use of a headset is strongly recommended

# Meeting Administrivia

- Meetecho
  - Using meetecho queue control
  - Chat/Jabber available for use
  - Blue sheets
- Note taking
  - <https://notes.ietf.org/notes-ietf-115-tvr?both>
  - Please help with minute taking (only discussion needs to be captured)
- Online Agenda and Slides at:  
<https://datatracker.ietf.org/meeting/115/session/tvr>
- Data tracker: <http://datatracker.ietf.org/wg/tvr>

# BoF Objectives

- We are here to answer a few questions:
  1. What is the problem to be solved?
  2. What new work is to be done?
    - By “work” we don’t just mean create protocols
    - Includes identifying gaps in existing solutions
  3. Is there sufficient interest in working on this problem?
    - ... to get the work done in reasonable time
- And provide input to the AD and the IESG

# Agenda

- 1) 10 min Session Intro
  - 2) ~15 min Time Variant Routing Problem Statement
    - Draft: <https://datatracker.ietf.org/doc/html/draft-taylor-tvr-prb-stmt-00>
  - 3) ~15 min Use Cases
    - Draft: <https://datatracker.ietf.org/doc/html/draft-birrane-tvr-use-cases-00>
  - 3.2) ~15 min Topology Management Challenges for Satellite Constellations
  - 3.2) ~15 min Carbon-Aware Networking Use Case
  - 4) ~15 min Technology Gaps / Potential WG Topics
  - 5) 30 min Open Discussion
  - 6) 10 min Wrap Up / Summary / Next Steps
- Adjourn 11:30