

This session is being recorded

IETF 122

TVR Working Group

Mon., Mar. 17 2025

Chairs: Ed Birrane ([edward.birrane@jhuapl.edu](mailto:edward.birrane@jhuapl.edu))

Tony Li ([tony.li@tony.li](mailto:tony.li@tony.li))

Secretary: Adam Wiethuechter ([adam.wiethuechter@axenterprize.com](mailto:adam.wiethuechter@axenterprize.com))

AD: Gunter Van de Velde ([gunter.van\\_de\\_velde@nokia.com](mailto:gunter.van_de_velde@nokia.com))

Internet Engineering Task Force

© 2025 IETF Trust

Production by Meetecho



**I E T F**®

# 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)

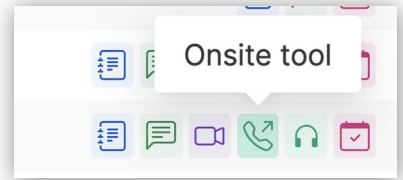
# IETF conduct guidelines

- 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:
  - IETF participants extend respect and courtesy to their colleagues at all times.
  - IETF participants have impersonal discussions.
  - IETF participants devise solutions for the global Internet that meet the needs of diverse technical and operational environments.
  - Individuals are prepared to contribute to the ongoing work of the group.

# IETF 122 Meeting Tips

## In-person participants

- Make sure to sign into the session via Datatracker or the QR Code in this session.
- Use Meetecho (usually the “Meetecho lite”) client to:
  - join the mic queue
  - participate in shows of hands
- *Keep audio and video off if not using the onsite version.*



## 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.

# Resources for IETF 122 Bangkok

- Agenda  
<https://datatracker.ietf.org/meeting/agenda>
- TVR Agenda:  
<https://datatracker.ietf.org/meeting/122/materials/agenda-122-tvr-00>
- Meetecho and other information:  
<https://www.ietf.org/how/meetings/preparation>
- If you need technical assistance, see the Reporting Issues page:  
<http://www.ietf.org/how/meetings/issues/>

# Meetecho Details

## ◆ Meetecho

<https://meetings.conf.meetecho.com/ietf122/?session=33881>

## ◆ Participant view of controls and tabs

General session controls appear in the middle of the top window.



From left-to right (Meetecho provides tool tips as you roll over various controls):

- Chat
- Show of hands tool
- Event "map" showing other sessions underway
- Recording indicator
- Room name
- Shared session note taking tool
- Transcription
- Meetings materials

*Left-to-right:*

- *Send/stop audio*
- *Send/stop video*
- *Request to share screen*
- *Share preloaded slides*
- *Raise hand (enter queue)*



# Administrivia

- We need minutes taken
  - “Shared Notepad” Integrated into Meetecho
  - Please help out
- Mailing Lists
  - [tvr@ietf.org](mailto:tvr@ietf.org), [tvr-chairs@ietf.org](mailto:tvr-chairs@ietf.org)

# WG Milestones

- Feb 2024: Use cases
- Oct 2024: Requirements
- Mar 2025: Data Model
- Nov 2025: Applicability Statement
- Mar 2026: Implementation and Operational Considerations



# Document Status

- Published

- Use Cases ([RFC 9657](#))

- Adopted

- TVR Schedule Document (-03)
  - [draft-ietf-tvr-schedule-yang](#)
  - WGLC?
  - See next slide
- TVR Requirements (-04)
  - [draft-ietf-tvr-requirements](#)
  - WGLC?

- Alto Exposure

- [draft-ietf-tvr-alto-exposure](#)

- Personal Drafts

- TVR Applicability
  - [draft-zdm-tvr-applicability-00](#)

# YANG Data Model for Scheduled Attributes – draft-ietf-tvr-schedule-yang

*Three modules in the draft*

- Addressed comments and community feedback
- Dependency on draft-ietf-netmod-schedule-yang, which is in WGLC.
- Wait for the requirement document?
- Requested YANG Doctor review
- Reviews and comments are welcome
- Plan to request WGLC after YANG Doctor review

## TVR Schedule YANG Module

Module ietf-tvr-schedule uses the groupings defined in the ietf-schedule.yang and contains common YANG definitions for time-variant schedule.

## TVR Node YANG Module

Module ietf-tvr-node.yang is a device model and designed to manage a single node with scheduled attributes.

## TVR Topology YANG Module

Module ietf-tvr-topology.yang describes a network topology with a time-variant availability schedule.

# Agenda

- Introduction, Note Well, Milestones (05 mins), Chairs
- TVR Requirements (10 mins), Daniel King
  - draft-ietf-tvr-requirements-05
- TVR Exposure (10 mins), Luis Mieguel Contreras Murillo
  - draft-ietf-tvr-alto-exposure-01
- TVR Applicability (25 mins) ,Li Zhang
  - draft-zdm-tvr-applicability-01
- Open Mic (10 mins)

# Wrap Up

- Open Mic
- Closing Remarks