



I E T F[®]

Computing-Aware Traffic Steering (cats)

IETF 118, Prague

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Online Agenda and Slides:

<https://datatracker.ietf.org/meeting/118/session/cats>

WG Information:

<https://datatracker.ietf.org/wg/cats/>

Note taking:

<https://notes.ietf.org/notes-ietf-118-cats>



THIS MEETING WILL BE 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.

Meeting Administrivia

- Meetecho:
 - We are using Meetecho queue control
 - Chat available for use via Meetecho/Zulip
- Note taking:
 - <https://notes.ietf.org/notes-ietf-118-cats>
 - Cheng Li will take minutes, but...
 - Please help with minute taking
 - Please check that your comments are recorded correctly
- Session Materials: <https://datatracker.ietf.org/meeting/118/session/cats>
- Data tracker: <http://datatracker.ietf.org/wg/cats/>
- Zulip: <https://zulip.ietf.org/#narrow/stream/cats>

Meeting Tips



In-person participants

- Make sure to sign into the session using the Meetecho (usually the “onsite tool” client) from the agenda
 - <https://meetings.conf.meetecho.com/onsite118/?group=cats&short=&item=1>
- Use Meetecho to join the mic queue
- ***Keep audio and video off at all times***

Remote participants

- Use of a headset is strongly recommended
- ***Make sure your audio and video are off*** until it is your turn to speak

Reminder - Deliverables and Milestones

- All drafts are welcome
 - Post them in the Datatracker
 - Discuss them on the list
- Solutions drafts in other working groups
 - All protocol work is fine if it has use cases and motivation
 - Citing CATS as the motivation is premature
- Our initial focus must be on our deliverables and milestones
- Milestones are very clear...

Date	Milestone	Status
Jul 2023	Adopt the CATS Problem Statement, Use Cases, Gap Analysis, and Requirements documents	Done
Jul 2024	Adopt the CATS Framework and Architecture document	
Nov 2025	Submit the CATS Framework and Architecture document to the IESG for publication as Informational	

- Note well: Only the Framework and Architecture are listed as going for RFC

Agenda

Slot	Start	Duration	Information
1	09:30	5 mins	Title: Meeting admin Presenter: Chairs
2	Use cases and requirements		
2a	09:35	30 mins	Title: AI4ME and BBC CATS use cases Presenter: Rajiv Ramdhany
2b	10:05	10 mins	Title: Compute-Aware Metrics Working with ALTO Presenter: Jordi Ros Giralt Drafts: https://datatracker.ietf.org/doc/draft-rcr-opsawg-operational-compute-metrics/
2c	10:15	15 mins	Title: CATS Problem Statement, Use Cases, and Requirements Presenter: Kehan Yao (Qing An) Drafts: https://datatracker.ietf.org/doc/draft-ietf-cats-usecases-requirements/ Drafts: https://datatracker.ietf.org/doc/draft-an-cats-usecase-ai/
2d	10:30	10 mins	Title: Problem Statement and Requirements of end-to-end CATS Presenter: Yuan Dongyu Drafts: https://datatracker.ietf.org/doc/draft-yuan-cats-end-to-end-problem-requirement/
3b	Framework and architecture		
3a	10:40	10 mins	Title: Hybrid Computing and Network Awareness and Routing Solution for CATS Drafts: https://datatracker.ietf.org/doc/draft-yi-cats-hybrid-solution/ Presenter: Xinxin Yi
3b	10:50	10 mins	Title: Computing and Network Information Awareness (CNIA) system architecture for CATS Drafts: https://datatracker.ietf.org/doc/draft-yao-cats-awareness-architecture/ Presenter: Daniel Huang
4	Gap analysis		
			Title: Gap analysis Presenter: Kehan