Computing-Aware Traffic Steering CATS WG

IETF-125, Shenzhen, March 16th 2026

WG Chairs: Adrian Farrel, Peng Liu

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Internet Engineering Task Force
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  - Join the mic queue
  - Participate in shows of hands
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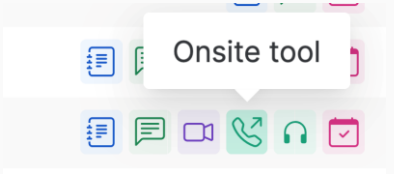

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- *Make sure your audio and video are off unless you are chairing or presenting.*
- Use of a headset is strongly recommended.

Note-taking

- Please help to take minutes.
- Please make sure that your comments are recorded correctly.
- https://notes.ietf.org/notes-ietf-125-cats

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Agenda(1/2)

Slot	Start	Duration	Information	Presenter
1	14:00	5 mins	**Title**: Agenda Bashing, Introduction, & WG Status	Chairs
2	14:05	20 mins	**Title**: WG Documents Update	
2.1	14:05	10 mins	**Title**: CATS Framework Update **Draft**: https://datatracker.ietf.org/doc/draft-ietf-cats-framework	Cheng Li
2.2	14:15	10 mins	**Title**: CATS Metrics Update **Draft**: https://datatracker.ietf.org/doc/draft-ietf-cats-metric-definition/	Kehan Yao
3	14:25	40 mins	**Title**: Upcoming Documents	
3.1	14:25	10 mins	**Title:** CATS OAM Framework **Draft:** https://datatracker.ietf.org/doc/draft-fu-cats-oam-fw/	Quan Xiong
3.2	14:35	10 mins	**Title:** CATS Security Considerations **Draft:** https://datatracker.ietf.org/doc/draft-wang-cats-security-considerations/	Jinyu Shi
3.3	14:45	10 mins	**Title:** Yang Model for CATS **Draft:** https://datatracker.ietf.org/doc/draft-yl-cats-data-model/	Quan Xiong
3.4	14:55	10 mins	**Title:** Computing metrics as a service (CMAS) for CATS **Draft:** https://datatracker.ietf.org/doc/draft-zhangb-cats-cmas/	Yina Dai

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Agenda(2/2)

Slot	Start	Duration	Information	Presenter
4	15:05	20 mins	**Title**: Protocol Applicability	
4.1	15:05	10 mins	**Title**: Protocols Applicability for Computing-Aware Traffic Steering (CATS) **Draft**: https://datatracker.ietf.org/doc/draft-yxl-cats-protocols-applicability/	Hujuan Yao
4.2	15:15	10 mins	**Title**: BGP Edge Metadata Path Applicability **Draft**: https://datatracker.ietf.org/doc/draft-dunbar-cats-5g-metadata-applicability/	Linda Dunbar
5	15:25	20 mins	**Title**: CATS and Optical	
5.1	15:25	10 mins	**Title**: Framework and Applicability of CATS in Optical Transport Networks (OTN) **Draft**: https://datatracker.ietf.org/doc/draft-zhao-cats-otn-applicability/	Xiao Li
5.2	15:35	10 mins	**Title**: Unified Optical Networks and AI Computing Orchestration (UONACO) **Draft**: https://datatracker.ietf.org/doc/draft-tan-ccamp-uonaco-problem-statement/ https://datatracker.ietf.org/doc/draft-hu-ccamp-uonaco-control-framework/	Zheng Han
6	10:45	10 mins	**Title**: If there is time	
6.1	10:45	5 mins	**Title**: Intelligence Delivery Network (IDN) **Draft**: https://datatracker.ietf.org/doc/draft-wang-cats-idn/ https://datatracker.ietf.org/doc/draft-wang-cats-odsi/	Hanling Wnag
6.2	10:50	5 mins	**Title**: In-Network Scheduling & Semantic Contract for AI Workloads **Draft**: https://datatracker.ietf.org/doc/draft-li-cats-intellinode-network-scheduling https://datatracker.ietf.org/doc/draft-li-cats-aisemantic-contract/	Teng Gao
7	10:55	5 mins	**Title**: Open Discussion	All

WG Documents Status

Computing-Aware Traffic Steering (cats)

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Edit milestones | Manage document list | Edit group | Customize workflow

Search

Document	Date	Status	IPR	AD/Shepherd
Active Internet-Draft (1 hit)				
draft-ietf-cats-metric-definition-06 **CATS Metrics Definition**	45 pages 2026-03-01 New	I-D Exists WG Document Mar 2025, Mar 2026	1	
Active with the IESG Internet-Drafts (2 hits)				
draft-ietf-cats-framework-21 **A Framework for Computing-Aware Traffic Steering (CATS)**	33 pages 2026-03-02 New	Waiting for AD Go-Ahead Submitted to IESG for Publication : Informational Reviews: tsvart IETF Last Call, genart IETF Last Call, secdir IETF Last Call, opsdir IETF Last Call, rtgdir IETF Last Call, opsdir Early, rtgdir Early Jul 2024, Nov 2025 Action Holder: Jim Guichard	2	Jim Guichard Adrian Farrel
draft-ietf-cats-usecases-requirements-14 **Computing-Aware Traffic Steering (CATS) Problem Statement, Use Cases, and Requirements**	35 pages 2026-02-02	RFC Ed Queue : EDIT Submitted to IESG for Publication : Informational Reviews: tsvart, artart, opsdir IETF Last Call, secdir IETF Last Call, rtgdir IETF Last Call, artart IETF Last Call, genart IETF Last Call, dnsdir IETF Last Call, tsvart IETF Last Call, rtgdir Early Jul 2023		Jim Guichard Daniel Huang

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Milestones: On Track!

Milestones

Date	Milestone	Associated documents
Mar 2026	Submit document describing CATS metrics to the IESG for publication as Informational	draft-ietf-cats-metric-definition

Done milestones

Date	Milestone	Associated documents
Done	Submit the CATS Framework and Architecture document to the IESG for publication as Informational	draft-ietf-cats-framework
Done	Adopt document describing CATS metrics	draft-ietf-cats-metric-definition
Done	Adopt the CATS Framework and Architecture document	draft-ietf-cats-framework
Done	Adopt the CATS Problem Statement, Use Cases, Gap Analysis, and Requirements documents	draft-ietf-cats-usecases-requirements

- Need some new milestones!

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