



TEAS WG

IETF 120 Vancouver



Chairs: Vishnu Pavan Beeram vbeeram@juniper.net,
Oscar Gonzalez de Dios oscar.gonzalezdedios@telefonica.com
Lou Berger lberger@labn.net

Area Director: Jim Guichard ^{New}

Online Agenda and Slides at:

<https://datatracker.ietf.org/meeting/120/session/teas>

WG Information: <https://datatracker.ietf.org/wg/teas/>

Note taking: <https://notes.ietf.org/notes-ietf-120-teas>

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)

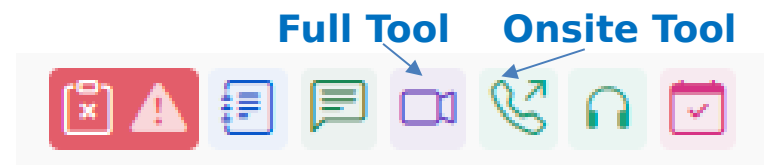
Also see: <http://www.ietf.org/about/note-well.html>

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 120 Meeting Tips



- **In-person participants**

- Make sure to sign into the session using the Meetecho Onsite Tool from the Datatracker agenda
- Use Meetecho to join the mic queue
- *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

Meeting Administrivia

- Meetecho:
 - Using meetecho queue control
 - Chat available for use
 - Blue sheets
- Note taking:
 - <https://notes.ietf.org/notes-ietf-120-teas>
 - Please help with minute taking
(only discussion needs to be captured)
- Session Materials:
<https://datatracker.ietf.org/meeting/120/session/teas>
- Data tracker: <http://datatracker.ietf.org/wg/teas/>
- Zulip: <https://zulip.ietf.org/#narrow/stream/teas>

Agenda [Thursday, July 25, 2024, 09:30-11:30]

<u>Slot#</u>	<u>Start</u>	<u>Duration</u>	<u>Information</u>
01)	09:30	10 min	Title: Administrivia & WG Status
02)	09:40	10 min	Title: WG Draft updates
03)	09:50	10 min	Title: A Realization of Network Slices for 5G Networks Using Current IP/MPLS Technologies
04)	10:00	10 min	Title: YANG Data Models for Network Resource Partitions (NRPs)
05)	10:10	10 min	Title: Scalability Considerations for Network Resource Partition
06)	10:20	10 min	Title: IETF Network Slice Application in 3GPP 5G End-to- End Network Slice
07)	10:30	10 min	Title: IETF Network Slice Controller and its associated data models
08)	10:40	10 min	Title: Applicability of IETF-Defined Service and Network Data Models for Network Slice Service Management
09)	10:50	10 min	Title: IETF Network Slice Topology YANG Data Model
10)	11:00	10 min	Title: 5QI to DiffServ DSCP Mapping Example for

Document Status – IESG Processing, WG LC, WG Adoptions

- Submitted to IESG for publication:
 - [draft-ietf-teas-pcecc-use-cases-18](#) RFC Ed Queue
 - [draft-ietf-teas-enhanced-vpn-20](#) RFC Ed Queue
 - [draft-ietf-teas-gmpls-controller-inter-work-14](#) Waiting for AD Go-Ahead
 - [draft-ietf-teas-actn-vn-yang-29](#) RFC Ed Queue
 - [draft-ietf-teas-applicability-actn-slicing-06](#) AD Evaluation
- Post WG LC
 - [draft-ietf-teas-rfc8776-update-11](#) Open Issues, Waiting on Authors
 - [draft-ietf-teas-yang-te-36](#) Waiting on rfc8776-update
 - [draft-ietf-teas-yang-path-computation-22](#) Waiting on rfc8776-update
 - [draft-ietf-teas-ietf-network-slice-nbi-yang-13](#) Open Issues, Waiting on rfc8776-update
 - [draft-ietf-teas-yang-l3-te-topo-18](#) Open Issues, Waiting on WG feedback
 - [draft-ietf-teas-5g-ns-ip-mpls-08](#) Open Issues, On agenda
- Recent WG Adoptions
 - [draft-ietf-teas-te-topology-profiles](#)
- WG Adoption [Process Initiated]
 - [draft-bestbar-teas-yang-topology-filter-05](#) IPR Poll Complete

Errata

- [Errata ID 7981](#)
 - [RFC 9543](#): A Framework for Network Slices in Networks Built from IETF Technologies
 - Section 4 says: IETF Network Slice: The realization of the service in the provider's network achieved by partitioning network resources **and** by applying certain tools and techniques within the network (see Sections 4.1 and 7).
 - It should say: IETF Network Slice: The realization of the service in the provider's network achieved **both** by partitioning network resources and by applying certain tools and techniques within the network (see Sections 4.1 and 7).
 - Rejection proposed
 - Refer to discussion thread on the list
 - “Text is non-normative and introductory in nature and the ambiguity (if any) is adequately cleared with the descriptions in Sections 4.1 and 7”

Virtual Interim Meetings

- NRP Selector – May 29th, 2024
 - Discuss the generic requirements and options for carrying NRP Selector in IP and MPLS packets, the corresponding modeling aspects and the data plane specific extensions that come into play when a dedicated identifier is used as the NRP selector.
 - Meeting Minutes: <https://datatracker.ietf.org/meeting/interim-2024-teas-01/materials/minutes-interim-2024-teas-01-202405291400-00>
- Digital Map [Hosted by NMOP WG] – June 4th, 2024
 - Discuss the applicability of TE Topology Data Model to Digital Map
 - Meeting Minutes: <https://datatracker.ietf.org/meeting/interim-2024-nmop-01/materials/minutes-interim-2024-nmop-01-202406041400-00>

Liaisons and Communications - Incoming

2024-04-10	ITU-T-JCA-IMT2020	LS on Invitation to update the information in the IMT-2020 and beyond roadmap
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If you send us the latest information of your activity related to 5G and beyond as well as Network Function Virtualization (NFV), programmable networks, self-managed networks, autonomous network, slicing (including orchestration and capability exposure), fixed-mobile and satellite convergence (FMC) and Information-Centric Networking (ICN), machine learning and other activities that are strongly related to IMT 2020, we will reflect it in the next roadmap update

- Sent to ccamp, detnet, dmm, teas
- Please review and send any proposed response to the list

Liaisons and Communications - Outgoing

2024-04-24	3GPP-TSGSA-SA2, 3GPP-TSGSA-SA3, 3GPP-TSG-SA-WG5, 3GPP-TSGRAN3	LS on RFC 9543, "A Framework for Network Slices in Networks Built from IETF Technologies"
Purpose: For information		

... The IETF TEAS WG would like to inform 3GPP and the SDOs in the Cc list about the publication of a new informational RFC - [RFC9543](#)

2024-06-04	3GPP-TSGSA-SA2, 3GPP-TSGSA-SA3, 3GPP-TSG-SA-WG5, 3GPP-TSGRAN3	LS on a Realization of Network Slices for 5G Networks Using Current IP/MPLS Technologies
Purpose: For action (Deadline 2024-08-30)		

... The TEAS WG would like to request 3GPP to review the document and provide confirmation that the brief 5G overview included in the Appendix is accurate

2024-06-21	ITU-T-SG-15	Input for OTNT Standardization Work Plan Issue 33
From: ccamp, mpls, pals, pce, teas		

Purpose: In response

... information has been identified by the Working Group Chairs as appropriate input for the OTNT Standardization Workplan

Reminder: IPR Disclosure Process

- We follow process put in place in other groups as a result of very late IPR disclosures
 - This is not a required IETF process

- Includes

Polling of draft authors & contributors:

1. Prior to moving to next step in WG process

- a. Before an individual draft becomes a WG document and
- b. Before a WG document goes to last call

2. Requires IPR compliance statement from ***all*** listed in draft

Request that an IPR statement be sent to the list by any new author or contributor when added to a WG document

Reminder: Working Group Github

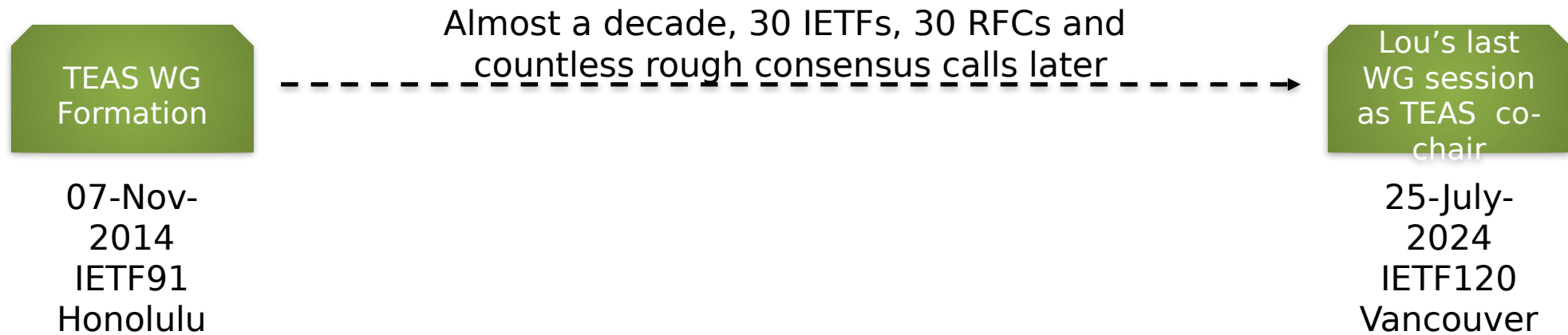
- Please be aware that the TEAS WG Github is available for all WG documents
 - <https://github.com/ietf-teas-wg>
- Please contact teas-chairs if you would like to move your document repository
 - Please also provide a list of Github User-IDs for access
 - Generally, there would be a repository per document
- Please note that WG consensus continues to be determined on the mailing list
 - WG process is not changed by using Github

Reminder: Process Change

- WG Document Status Updates
 - Authors of WG documents are required to provide a status update to the WG at **every** IETF meeting
 - Status includes, at a minimum, recent changes, open issues, and plan to complete document
 - Updates can be shared via:
 - (a) A report during the IETF session
 - (b) An e-mail to WG list, sent no later than¹₄ the Internet-Draft submission cut-off

Personnel Update

- Lou Berger's last WG session as TEAS WG co-chair



Lou, Thank you so much for your service!

PS: Lou will join Adrian as WG Tech Advisor