22 July 2025

IETF IntArea WG

Internet Area Working Group

Chairs:
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Internet Engineering Task Force
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Note Well

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- 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)

Note Really Well

- IETF meetings, virtual meetings, and mailing lists are intended for professional collaboration and networking, as defined in the IETF Guidelines for Conduct (RFC 7154), the IETF Anti-Harassment Policy, and the IETF Anti-Harassment Procedures (RFC 7776). If you have any concerns about observed behavior, please talk to the Ombudsteam, who are available if you need confidentiality to raise concerns confident about harassment or other conduct in the IETF.
- The IETF strives to create and maintain an environment in which people of many different backgrounds and identities are treated with dignity, decency, and respect. Those who participate in the IETF are expected to behave according to professional standards and demonstrate appropriate workplace behavior.
- IETF participants must not engage in harassment while at IETF meetings, virtual meetings, social events, or on mailing lists. Harassment is unwelcome hostile or intimidating behavior—in particular, speech or behavior that is aggressive or intimidates.
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IETF 123 Meeting Tips

In-person participants

- Make sure to sign into the session using the Meetecho (usually the “Meetecho lite” client) from the Datatracker agenda
- Use Meetecho to join the mic queue
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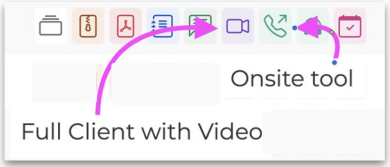

Remote participants

- 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/123/materials/agenda-123-intarea
- 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/

Agenda

1. Agenda Bashing, WG & Document Status Updates (Chairs) - **5 min**
2. IP Tunnels in the Internet Architecture - Joe Touch draft-ietf-intarea-tunnels-15 – **10 min**
3. Communicating Proxy Configurations in Provisioning Domains - Tommy Pauly, draft-ietf-intarea-proxy-config-06 - **20 min**
4. IPv4 Routes with an IPv6 Next Hop draft-ietf-intarea-v4-via-v6-01 Juliusz Chroboczek – **10 min**
5. The Multicast Application Port draft-ietf-intarea-multicast-application-port-00 Nate Karstens – **10 min**
6. Problem Statement for Cross-Layer Vulnerabilities due to Forged ICMP Errors draft-xu-intarea-vulnerabilities-forged-icmp-00 Ke Xu – **10 mins**
7. Enhancing ICMPv6 Error Message Authentication Using Challenge-Confirm Mechanism draft-xu-intarea-challenge-icmpv6-01 Ke Xu – **10 min**
8. ICMP Error Handling in SRv6 based VPN Networks draft-ali-6man-srv6-vpn-icmp-error-handling-00 – Zafar Ali – **10 min**
9. DHCPv4 Option for IPv4 routes with IPv6 nexthops draft-equinox-intarea-dhcpv4-route4via6-02 David Lamparter – **5 min**

WG Status Update

WG items adoptions

- draft-ietf-intarea-v4-via-v6
- draft-ietf-intarea-multicast-application-port

WG Last Calls

- draft-ietf-intarea-extended-icmp-nodeid
- draft-ietf-intarea-icmp-exten-hdr-len

Planned WG Last Calls

- draft-ietf-intarea-tunnels
- draft-ietf-intarea-proxy-config