

# Network Management Operations (nmop) WG – Session 1

IETF 125, March 18th, 2026

WG Chairs: B. Claise, R. Rahman

This session is being recorded

# Note Well

By participating in the IETF you agree to follow IETF processes and policies. This Note Well is a reminder of some of those policies. For a linked version of this text, please visit [www.ietf.org/note-well](http://www.ietf.org/note-well) or use the QR code below.

- IETF participants are expected to behave in a professional manner and extend respect and courtesy to their colleagues at all times (see *RFC 7154: IETF Guidelines for Conduct and IETF Anti-Harassment Policy*). If you have any concerns about behavior, please contact the *Ombudsteam* who have a duty of confidentiality and extensive powers to act, as set out in *RFC 7776: IETF Anti-Harassment Procedures*.
- If you are aware that any IETF contribution (as defined in *RFC 5378: Rights Contributors Provide to the IETF Trust*) is covered by patents or patent applications that are owned or controlled by you, your employer or your sponsor, you must disclose that fact, or not participate in the discussion (see *RFC 8179: Intellectual Property Rights in IETF Technology*).
- For detailed process information consult *RFC 2026: Internet Standards Process* and *RFC 2418: IETF Working Group Guidelines and Procedures* and updates to those.
- The IETF routinely makes public written, audio, video, and photographic records of IETF activities, including your personal information as set out in the *IETF Privacy Statement*.

For advice, please talk to Working Group chairs or Area Directors.



# Note Really Well

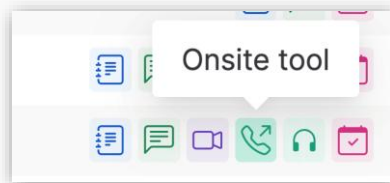
- IETF meetings, virtual meetings, and mailing lists are intended for professional collaboration and networking, as defined in the IETF Guidelines for Conduct (RFC 7154), the IETF Anti-Harassment Policy, and the IETF Anti-Harassment Procedures (RFC 7776). If you have any concerns about observed behavior, 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.
- If you believe you have been harassed, notice that someone else is being harassed, or have any other concerns, you are encouraged to raise your concern in confidence with one of the Ombudspersons.

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# IETF 125 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.

# Notetaker

- We need a volunteer for notetaking.
- <https://notes.ietf.org/notes-ietf-125-nmop>

# Agenda: Session 1

<b>Slot</b>	<b>Project Topic</b>	<b>Presenters</b>
11:30-11:35	Agenda Bashing & Introduction	Chairs
11:35-11:50 P2	Network Anomaly Detection	Wanting Du
11:50-12:00 P2	YANG data model for Network Incident Management	Qin Wu
12:00-12:15 P2	Sharing your incident with China Mobile	Zhenqiang Li
12:15-12:30 P2	Sharing your incident with China Unicom	Jing Zhao

# Document Status

Document	Date	Status	IPR
<b>Active Internet-Drafts (9 hits)</b>			
<a href="#">draft-ietf-nmop-rfc3535-20years-later-02</a> <b>An Update of Operators Requirements on Network Management Protocols and Modelling</b>	40 pages 2026-03-14	I-D Exists WG Document	
<a href="#">draft-ietf-nmop-yang-message-broker-integration-11</a> <b>An Architecture for YANG-Push to Message Broker Integration</b>	28 pages 2026-02-28	I-D Exists WG Document : Informational May 2024, Sep 2025	
<a href="#">draft-ietf-nmop-yang-message-broker-message-key-01</a> <b>YANG Message Keys for Message Broker Integration</b>	19 pages 2026-02-28	I-D Exists WG Document	
<a href="#">draft-ietf-nmop-simap-concept-08</a> <b>SIMAP: Concept, Requirements, and Use Cases</b>	39 pages 2026-02-23	I-D Exists WG Consensus: Waiting for Write-Up : Informational Jun 2025	
<a href="#">draft-ietf-nmop-network-incident-yang-08</a> <b>A YANG Data Model for Network Incident Management</b>	51 pages 2026-02-13	I-D Exists WG Document : Proposed Standard May 2024, Dec 2025	
<a href="#">draft-ietf-nmop-network-anomaly-lifecycle-05</a> <b>An Experiment: Network Anomaly Detection Lifecycle</b>	28 pages 2026-02-12	I-D Exists WG Document Dec 2025	
<a href="#">draft-ietf-nmop-network-anomaly-semantic-05</a> <b>Semantic Metadata Annotation for Network Anomaly Detection</b>	38 pages 2026-01-19	I-D Exists WG Document Dec 2025	
<a href="#">draft-ietf-nmop-message-broker-telemetry-message-04</a> <b>Extensible YANG Model for Network Telemetry Messages</b>	30 pages 2026-01-18	I-D Exists WG Document Review: <b>yangdoctors Early</b>	
<a href="#">draft-ietf-nmop-network-anomaly-architecture-07</a> <b>A Framework for a Network Anomaly Detection Architecture</b>	22 pages 2026-01-18	I-D Exists WG Document : Informational Sep 2024, Dec 2025	
<b>Active with the IESG Internet-Draft (1 hit)</b>			
<a href="#">draft-ietf-nmop-terminology-23</a> <b>Some Key Terms for Network Fault and Problem Management</b>	17 pages 2025-08-18	RFC Ed Queue : <b>AUTH48-DONE</b> <b>201</b> Submitted to IESG for Publication : Informational Reviews: <b>artart</b> <b>artart IETF Last Call</b> <b>lotdir IETF Last Call</b> <b>secdir IETF Last Call</b> <b>genart IETF Last Call</b> <b>genart Early</b> <b>intdir Early</b> <b>lotdir Early</b> <b>rtgdir Early</b> <b>secdir Early</b> <b>opsdir Early</b> Jun 2024, Dec 2025	

Adopted since IETF 124

WGLC completed

RFC Editor Queue

# Milestones

## Milestones

Date ▾	Milestone ▾	Associated documents ▾
Jun 2025	Submit "Digital Map: Concept, Requirements, and Use Cases" to the IESG	<a href="#">draft-ietf-nmop-simap-concept</a>
Sep 2025	Submit Architecture for YANG-Push to Message Broker Integration to the IESG	<a href="#">draft-ietf-nmop-yang-message-broker-integration</a>
Dec 2025	Submit Network Anomaly Management to the IESG	<a href="#">draft-ietf-nmop-network-anomaly-architecture</a> <a href="#">draft-ietf-nmop-network-anomaly-antics</a> <a href="#">draft-ietf-nmop-network-anomaly-lifecycle</a>
Dec 2025	Submit Network Incident Management to the IESG	<a href="#">draft-ietf-nmop-network-incident-yang</a>



## Done milestones

Date ▾	Milestone ▾	Associated documents ▾
Done	Submit NMOP Terminology to the IESG	<a href="#">draft-ietf-nmop-terminology</a>
Done	Adopt a document on network anomaly management	<a href="#">draft-ietf-nmop-network-anomaly-architecture</a>
Done	Adopt a terminology document for anomaly and incident management	<a href="#">draft-ietf-nmop-terminology</a>
Done	Adopt a document describing how to integrate YANG Push with Apache Kafka	<a href="#">draft-ietf-nmop-yang-message-broker-integration</a>
Done	Adopt a document on network incident management	<a href="#">draft-ietf-nmop-network-incident-yang</a>