

18 March 2026

# Technical Deep Dive - Secure Routing

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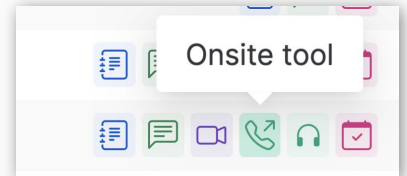
- Make sure to sign into the session via Datatracker or the QR Code in this session.
- Use Meetecho (usually the "Meetecho lite") client to join the queue, show hands
- *Keep audio and video off if not using the onsite version.*

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

## All participants

- State your name each time you begin speaking in the queue



# A Technical Deep Dive: Routing Security

Securing inter-domain routing on the Internet remains a notoriously difficult challenge because the foundational Border Gateway Protocol (BGP) was designed for connectivity rather than inherent trust. While numerous solutions have been proposed—ranging from the Resource Public Key Infrastructure (RPKI) to BGPsec—global adoption is challenging because of the immense scale of the network and the complex economic incentives of diverse service providers. There is no single "silver bullet" to prevent route hijacking and other routing security problems.

# Agenda

1. Background, problem scope, and why it is so hard to secure routing. - Geoff Huston
2. The SIDR approach and the alternatives. - Keyur Patel
3. Secure routing deployment and next steps. - Job Snijders
4. Q&A