

# **RPKI, BGP , IPv6 Workshop**

**SANOG 41 | INNOG 7 – Mumbai**





# Rahul Makhija

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Rahul Makhija is a seasoned IP network professional. He has been in the ISP industry since 2007. He is a BGP enthusiast and an IPv6 evangelist. Rahul is currently the CTO at Esto Group of Companies (AS135817). He actively participates in various community engagements. Rahul has been contributing to various program committees such as INNOG, SANOG and APNIC conferences. Over the years, he has mentored many network engineers, helping them gain new skill sets and adopt industry's best practices.

Rahul shares his knowledge and experience as a volunteer community trainer for APNIC.

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**Spoken Languages: English, Hindi, Punjabi**



# Milan Adhikari

Milan Adhikari is a network engineer with almost a decade of experience at WorldLink Communications, Nepal. His current role revolves around configuring and managing the Broadband Network Gateway (BNG) and AAA services. Additionally, he is a community trainer at APNIC since 2023. Milan possesses a robust skillset in networking technologies, including OSPF, BGP, MPLS, and wireless networking. He has also been an active volunteer and workshop provider at npNOG since 2018, contributing to the growth and sharing of knowledge within the networking community.

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**Spoken Languages: English, Nepali, Hindi**



# Vijay Ahire

[www.linkedin.com/in/vijay-velemento](https://www.linkedin.com/in/vijay-velemento)

Vijay Ahire, a technology evangelist & entrepreneur leverages 20 years of ISP expertise.

He has spearheaded designs and implementations for various ISP companies. His expertise covers a range of technologies including BGP, MPLS, BNG & IPv6. He has been instrumental in facilitating the exponential growth of these ISPs, some of which have scaled to an impressive capacity under his guidance.

Driven by a commitment to fostering innovation and collaboration, he is dedicated to helping individuals and organizations reach their full potential in the ever-evolving landscape of networking technology.

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**Spoken Languages: English, Hindi, Marathi**

# Agenda - Day 1

- RPKI, Validators and Validation
- Lab: RPKI Deployment

Learning Objective:

- ROV Deployed

# Agenda - Day 2

- IPv6 Introduction
- IPv6 Deployment
- Lab: Dual Stack OSPF

Learning Objective:

- Dual Stack Network (IPv4 + IPv6)

# Agenda - Day 3

- BGP Scaling
- BGP Policy Control
- Lab: Dual Stack BGP

Learning Objective:

- Advanced BGP Techniques

# Agenda - Day 4

- BGP Multihoming
- BGP BCPs
- Lab: BGP at Peering Points

Learning Objective:

- Advanced BGP Techniques



# Introduce Yourself

- Who are you?
- Where you're from?
- What you do?
- Why you're here?

**Get your APNIC  
Academy account  
for the Labs.**