

IPv6 Fanatics

31 October 2025

IMC25 Hackathon

Where does IPv6
performance stand
compared to IPv4?

Project Roadmap

- IPv6 Adoption per Country
- IPv4 vs IPv6 Differences in Performance
 - Latency
 - Download/Upload Speeds
 - Loss Rate

Datasets

- M-lab data snapshots from [2025/10/01 - 2025/10/07]
- Network Diagnosis Tool:
 - Client → AS, Geolocation, RTT, Loss Rates, Throughput Mbps
- Cloudflare Speedtest Data:
 - Average Latency, Download/Upload bps

IPv6 Activity in the Wild

IPv4 vs IPv6 Performance











