Netnod Update

Danny Berg

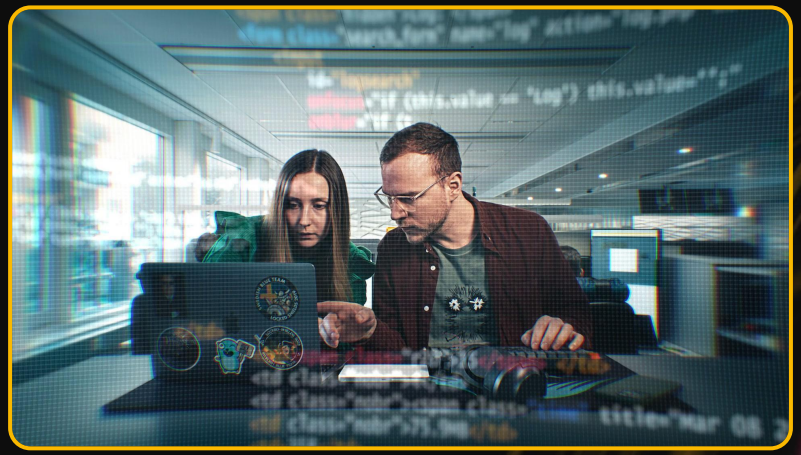
Senior SRE

We are

Netnod

Rooted in Sweden, strengthening the world.

Founded in 1996 as a neutral and independent organisation working for a robust Internet through technical development and knowledge sharing.



30	+50	24/7	3+
Years	FTEs	Support	Tbps peak traffic

Two record peaks



New all-time high · 14 September 2026

3.21 Tbps

.

Source: Netnod IX statistics · netnod.se/ix/statistics · daily peak per traffic day

More value on your IX port

- Remote peering in Nordics
- Remote peering to/from AMS-IX
- Private VLAN
- Closed User Group
- Cloud Connect
- Netnod Time Direct
- Google Verified Peering Provider



Resilient access to Google through Netnod

Working towards Google Verified Peering Provider (VPP) status

Simple connectivity: Access Google through your existing Netnod route server session. No need for any bilateral peering agreement.

Next steps: We will share routing policy guidance as soon as the service goes live.

Built for resilience: Four ports will be connected across diverse paths and locations in Stockholm and Helsinki.

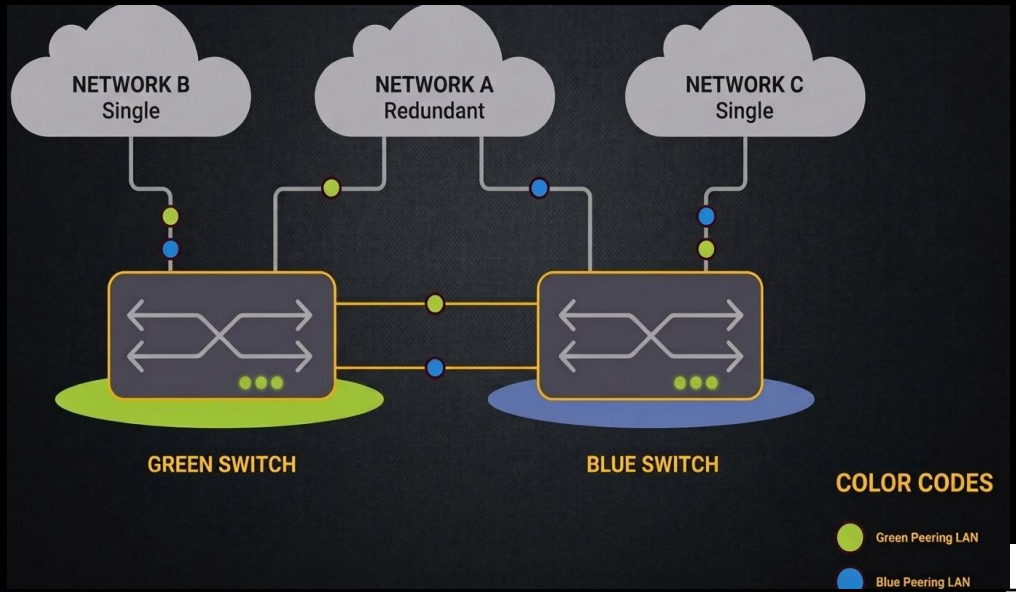


Route server diversity - strengthening IX resilience

Software diversity: BIRD on our Blue peering LANs and OpenBGPD on our Green LANs.

Rollout underway: OpenBGPD deployed in Copenhagen, Helsinki and Oslo, with Stockholm next.

Supporting open source: Netnod sponsors the OpenBGPD project through Route Server Support Foundation (RSSF).



Netnod’s DWDM ring

- Moving from rented spectrum services to taking control of the optical layer
- Netnod-operated DWDM ring over leased dark fibre
- Tailor-made transport services for operators and enterprises
- Enables specialised services, e.g. time and frequency



Netnod’s DWDM ring

Benefits

- Full control and visibility of the optical layer
- More capacity and flexibility
- Nordic resilience through diverse, redundant routes
- Additional routes driven by customer needs

Rollout

Production: Q1-Q2 2027

End Q2 2027: Fully migrated





We always know what time it is

Sweden trusts Netnod to distribute national time.

There are 13 root name servers in the world.

The world trusts Netnod to operate one.

100+

Global DNS Nodes

- Anycast pioneers
- DNSSEC experts
- Developing DNS resilience



Your domains. Our DNS expertise.

- Domain management and world-class DNS together in a single, secure platform.
- Your domains and DNS managed end to end by our DNS specialists.



All in one package includes:

- Domain management, Primary DNS, Secondary DNS, DNSSEC, DDoS mitigation, monitoring

Alliances

Swedish Security & Defence

Joined the Swedish Security and Defence Industry Association

Digital Networks Act

Joined a coalition calling for the Digital Networks Act to protect net neutrality and the open Internet

RIPE NCC Board

Co-founder Lars-Johan Liman elected to the RIPE NCC Executive Board



// The Internet isn’t built by infrastructure alone. It’s built by people >>

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CELEBRATING 30 YEARS OF INTERNET INFRASTRUCTURE

TECH 26 MEETING

{
Protecting the Core.
Building the Future.
}

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2026.10.06

NETNOD