Jan Žorž
Senior Network Engineer & IPv6 Architect

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PROFESSIONAL PROFILE

Senior Network Engineer & IPv6 Architect with over 30 years of experience. Renowned for designing complex IPv6 transition architectures (Dual-stack, IPv6-only) for large-scale operators. Author of RIPE-554, the global standard for IPv6 procurement. A trusted leader in the global internet community, currently holding high-level governance roles within RIPE and the Global NOG Alliance.

GLOBAL IMPACT & INDUSTRY FOOTPRINT

150+	40+	6
CONFERENCES	COUNTRIES	CONTINENTS

Beyond presentations, my work focuses on shaping global technical internet policy, driving adoption of open standards, and deploying resilient infrastructure across the world.

Key Topics: IPv6 technologies, protocol development, measurements and deployment strategies, IoT Interoperability (Matter/Thread), Routing Security (MANRS/RPKI), DNSSEC, Digital Sovereignty.

- Global: Presented at all 5 Regional Internet Registries (RIPE NCC, ARIN, APNIC, LACNIC, AFRINIC).
- Europe: RIPE Meetings, UKNOF (UK), NLNOG (NL), RIPE NCC Days (Ukraine, Russia, Bulgaria), and widely across the Balkans/Baltics.
- Americas: NANOG (USA), IETF (USA/Canada), LACNOG (Uruguay), ION (Chile).
- APAC & ME: JANOG (Japan), APRICOT (Vietnam), NZNOG (NZ), MENOG (Oman), Uzbekistan.
- Africa: AFRINIC/AIS (Cote d'Ivoire, Djibouti, Mauritius, Zambia).

PROFESSIONAL EXPERIENCE

Head of ProVision Labs, Principal Architect & Innovation Lead
ProVision (formerly 6connect) | Remote / Slovenia | May 2020 - Present

- Serving as the primary caretaker and innovation lead for ProVision Labs, exploring new networking concepts and driving the development of advanced automation ideas.
- Researching and architecting strategies for network operators to manage complex Dual-stack environments and facilitate the transition to IPv6-only architectures (NAT64/DNS64, 464XLAT).
- Liaising with the global technical community to translate experimental research into operational best practices for ProVision solutions.

COMMUNITY LEADERSHIP

Vice Chair, RIPE PC
Member since RIPE 64 (2012).

Past Chair, RIPE NomCom
Successfully concluded the 2024-2025 Selection Cycle, responsible for the high-stakes selection of the RIPE Chair and Vice Chair.

Chair, RIPE BCOP TF
Led initiative to document operational best practices.

PC Chair, RIPE SEE
Shaping technical agenda for SEE meetings.

Regional NOG Builder
Instrumental in creation of:
- SINOG (Slovenia)
- NOGHR (Croatia)
- NOG4ME (Montenegro)
- BHNOG (Bosnia)
- MKNOG (N. Macedonia)
- ALNOG (Albania)
- RSNOG (Serbia)

TECHNICAL SKILLS

IPv6 Architecture
Dual-stack & IPv6-only, NAT64, 464XLAT, MAP-E/T, DS-Lite, ND/SLAAC.

Network Operations
BGP, OSPF, ISIS, Peering.

Security
RPKI, MANRS, DNSSEC, Firewalls (Palo Alto, pfSense).

Platforms
Home Assistant, UNIX/Linux, Cisco, Mikrotik.

LANGUAGES

Slovenian
Native

English
Fluent

Serbo-Croatian
Fluent

Italian
Adv. Comprehension

CEO
NET42 d.o.o. | Slovenia | Nov 2010 - Present

- Strategic Consultancy: Providing high-level architectural design for ISPs and content providers (IPv6 planning, addressing, transition).
- Technical Training: Workshops on Routing Security (MANRS), DNSSEC, and IPv6 troubleshooting.
- Note: NET42 succeeded the 'Pragma' consultancy in 2010.

Co-Founder & Board Member
Global NOG Alliance (GNA) | Global | 2019 - Present

- Co-founded the alliance to support Network Operator Groups (NOGs) worldwide.
- Task Force Leader: 'Keep Ukraine Connected' (Started Feb 2022). Orchestrated the collection and delivery of critical network equipment to operators in Ukraine.

Operational Engagement Mgr.
Internet Society (ISOC) | Global | 2012 - 2020

- Member of Deploy360. Bridged IETF standards and network operators.
- Facilitated creation of BCOP (Best Current Operational Practices) documents.
- Promoted deployment of IPv6, DNSSEC, TLS, and Routing Security (MANRS).

CEO & Founder
Go6 Institute | Slovenia | 2009 - 2022

- National Strategy: Co-authored the 'National IPv6 Strategy' (2010), commissioned by the Ministry of Higher Education, Science and Technology.
- Go6Lab: Established an accredited 'IPv6 Ready' testing facility; performed critical early-stage interoperability testing for mobile hardware (LTE) and ISPs.
- Real-World Deployments: Coordinated the 'World IPv6 Launch' for Slovenian operators and successfully advocated for the IPv6 enablement of the 2012 National Election results.
- Community & Summits: Organized influential IPv6 Summits hosting global pioneers like Robert Hinden, Patrik Fältström, Daniel Karrenberg, and Martin Levy.

Owner & Consultant
Pragma, Jan Žorž s.p. | Slovenia | 2007 - 2010

- Independent consultancy specializing in multimedia, A/V streaming, and ISP network design.
- Operations merged into NET42 d.o.o. in 2010.

PIONEERING INTERNET PROJECTS (SIOL)

Ski Everest Live 2000 (The First Global Stream from the Himalayas)
Technical Lead (Streaming & Internet Logistics) | Oct 2000

Part of the core team that executed the first-ever live video internet stream from the Himalayas. Broadcasted Davo Karnicar's historic, first uninterrupted ski descent from the summit of Mt. Everest (8,848m) to Base Camp. Managed the complex logistics of satellite uplinks and real-time encoding at extreme altitude.

Dhaulagiri '99 Live
Technical Team Member | 1999

Provided live internet multimedia coverage of Tomaz Humar's legendary solo ascent of the Dhaulagiri south wall. Recipient of the 'Viktor for Special Achievements' (1999), Slovenia's highest media honor, awarded for the 'project of monitoring the ascent of alpinist Tomaz Humar via the internet'.

EARLIER EXPERIENCE

• Select Technology (2002-2006): Senior SysAdmin. Managed Unix/Linux/FreeBSD systems.
• SiOL (Telecom Slovenia) (1996-2001): System Administrator & Technical Marketing. Built the initial internet infrastructure (Solaris/Sun). Pioneered live internet streaming (e.g., Ski Everest, Dhaulagiri).
• Telecom Slovenia (1994-1996): Novell Administrator.
• TAC Communications (1992-1994): Network Technician (VAX/VMS, 10BaseT).

PUBLICATIONS & STANDARDS

RIPE-554: Requirements for IPv6 in ICT Equipment
Primary Co-Author | Best Current Practice (BCP)

The definitive global standard for IPv6 procurement. It solved a critical industry deadlock by providing a unified set of technical requirements. Adopted by governments (Slovenia, Sweden, Germany) and multinationals.

Other Key RIPE BCPs & IETF RFCs
Key Documents

- RIPE-690: Best Current Operational Practice for Operators: IPv6 prefix assignment.
- RIPE-699: IPv6 Troubleshooting for Residential ISP Helpdesks.
- RIPE-772: Requirements for IPv6 in ICT Equipment (Update).
- RFC 9096: Improving the Reaction of Customer Edge Routers to IPv6 Renumbering Events.
- RFC 8978: Reaction of IPv6 Stateless Address Autoconfiguration (SLAAC) to Flash-Renumbering Events.
- RFC 6346: The Address plus Port (A+P) Approach to the IPv4 Address Shortage.

SPEAKER SHORT BIO

Jan Zorz is the Head of ProVision Labs, Principal Architect & Innovation Lead, working on the development of network protocols and automation solutions to accelerate the global deployment of IPv6. A dedicated internet community leader with over 30 years of experience, Jan serves as the Vice Chair of the RIPE Programme Committee, Chair of the RIPE SEE regional meeting, and is the founder of SINOG. He is the primary co-author of RIPE-554 (the global standard for IPv6 procurement) and author of several IETF RFCs. Jan is also a co-founder and Board Member of the Global NOG Alliance (GNA), actively driving its 'Keep Ukraine Connected' initiative. Previously, he worked with the Internet Society and served as CEO of the Go6 Institute. Jan is based in Slovenia, EU, and has presented his work at all five Regional Internet Registries and over 150 technical conferences worldwide.

High-Resolution Photo: https://jan.zorz.si/Jan-stage.jpg