



The Future of Networking

Careers Are Evolving. Will You?

AI & automation are reshaping the engineering job market at historic speed.
Upskill now with world-class SRv6, AI/DC fabric, and automation training.



7-DAY FREE TRIAL

Try every track free for 7 days

■ MARKET DISRUPTION ALERT

The WEF projects 85 million+ jobs displaced by AI & automation by 2025 — Networking roles are NOT immune. Traditional MPLS/BGP-only engineers face growing displacement risk. The antidote: evolve into AI-era infrastructure architects.

85M+

Jobs Displaced
by AI (WEF 2025)

97M

New AI-Era Roles
Created by 2025

\$180K+

Avg SR/SRv6
Architect Salary

3×

Demand Growth for
Cloud-Native NEs

40%

of Network Jobs
at Risk (McKinsey)

■ TRAINING TRACK SELECTION — CHOOSE YOUR OPTION

OPTION 2 — ALL-INCLUSIVE BUNDLE · ALL 15 TRACKS

Access Every Training Track — \$349.99/month

or **\$3,499/year** · Save \$700 · 17% off with annual billing

Register for \$349.99/mo →

OPTION 1 — INDIVIDUAL TRACK REGISTRATION \$149.99/month or \$1,499/year per track — save \$300 (17% off) annually

→ Routing Protocols	Register for \$149.99/mo →
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→ Cloud Providers	Register for \$149.99/mo →
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→ Compute & Virtualization	Register for \$149.99/mo →
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→ Access WLN-xPON and WLS 5G/6G	Register for \$149.99/mo →
→ Open NOS Mastery	Register for \$149.99/mo →
→ Data Center	Register for \$149.99/mo →
→ VOIP & Video Conferencing	Register for \$149.99/mo →

■ TRAINING TRACKS — MASTER THE FULL STACK

Every track is designed to give you the cross-domain depth the modern market demands. The job market is collapsing for single-skill engineers. Upskill across every domain. The broader your knowledge, the more marketable you become.

1

Routing Protocols & Enterprise Suite

HOT

- BGP Advanced Architecture & Policy
- OSPFv2 & OSPFv3 Design/Troubleshooting
- IS-IS Full Coverage (L1/L2/MT)
- BFD & LFA/TI-LFA Fast Reroute
- Multicast
- Cisco EIGRP
- RIP & RIPng
- NHRP
- RIFT (Routing in Fat Trees)
- LSVR (Link State Vector Routing)

2

Service Provider, Automation & PCE/SDN

HOT

- SR-MPLS Architecture & Deployment
- SRv6 uSID (RFC 9800) Deep Dive
- PCEP / Stateful PCE/SDN High Availability
- Flex-Algo + DSCP-Aware TE Policy
- MPLS Architecture & Design
- RSVP-TE Architecture & Design
- SR-PM Performance Measurement
- NG OTN DWDM POI Design
- Network Automation with Ansible Playbook
- NFV, CAR/CT & MPLS MNA

3

Cloud Providers

NEW

- Amazon AWS Networking (VPC/TGW/DX)
- Microsoft Azure Fabric & ExpressRoute
- Google Cloud (GCP) Network Design
- Oracle OCI Networking
- Multi-Cloud Architecture
- Cloud-Native Kubernetes (K8s)
- Automation with Terraform

4

Hardware & Silicon

CRITICAL

- Semiconductor & ASIC Reference
- Digital Logic Design & Timing Diagrams
- Assembly Language Fundamentals
- ASIC SDK, SAI & P4 Programming
- Microprocessor & Microcontroller Design
- ASIC Pipeline & Design

5

Compute & Virtualization

- Hypervisor Internals (ESX/KVM)
- Kubernetes CNI Networking
- OpenStack Neutron & Fabric
- SR-IOV, DPDK & RDMA

6

Programming (5 Languages)

CRITICAL

- Python — Automation & NetOps
- C — Systems & Kernel Development
- C++ — ASIC SDK / DPDK / High Perf
- Go — gNMI / BGP Daemons
- Rust — Systems & Network Programming

7

Networking Appliances

- Firewall Architecture & Policy
- Load Balancer Design (L4/L7)
- WAF, DDoS Mitigation & ADC
- Service Function Chaining (SFC)

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Network Security

HOT

- Routing Protocol Security (BGP/OSPF)
- SASE & SSE Architecture
- IPSec IKEv2/v3, DMVPN & FlexVPN
- MACsec 802.1AE Encryption
- Microsegmentation

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AI Data Center Fabric

HOT

- Clos/Fat-Tree Topology Design
- RoCEv2, RDMA & Ultra Ethernet (UEC)
- GPU Cluster Networking (800G)
- AI/HPC Backend Fabric Automation
- SRv6 + MRC & IB

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P4 & eBPF / XDP

- P4 Language & P4Runtime API
- eBPF Kernel & XDP High-Speed Fwd
- Cilium SRv6 uSID Integration
- SAI-P4 Data Plane Abstraction

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Vendor NOS & Controller Mastery

- Cisco IOS-XR & NX-OS — Crossworks (CNC)
- Nokia SR OS & SR Linux (YANG) — NSP
- Juniper JunOS — Paragon
- Arista EOS — CloudVision (CV)
- Ciena SAOS — Navigator NCS, Navigator MC & MCP Heritage
- Huawei VRP
- Nvidia Cumulus Linux
- Nvidia Mellanox

12

Access WLN-xPON and WLS 5G/6G

NEW

- 5G Mobile Core Design
- 5G Mobile User Plane (MUP) with SRv6
- 5G Open vRAN Design
- NTN Non-Terrestrial Networks
- Starlink LEO Constellation Sim
- 3GPP NR Integration & SATCOM RF
- WLN xPON & BNG Design
- WLN CUPS with vBNG
- WWC (Wireline Wireless Convergence)

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Open NOS & Controller Mastery

NEW

- FRR (Free Range Routing)
- SONiC
- IP Infusion OcNOS
- Arrcus ArcOS
- OpenDaylight (ODL) & ONF ONOS Controllers

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Data Center Design

NEW

- VXLAN EVPN Deep Dive
- Network Virtualization Overlays (NVO)
- Industry Transition: VXLAN to Geneve
- VMware NSX-T / NSX-V
- RFC 10005 - Link BW Ext Comm & Cisco ACI
- RoCEv1, RoCEv2 & RDMA

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VOIP, Video Conferencing & Multicast Video Delivery

NEW

- VoIP History & Design
- SBC Architecture
- H.323 Transition to SIP
- Call Managers & Call Routing
- Multicast Video Delivery



THE CLOCK IS TICKING — EVOLVE NOW OR BECOME OBSOLETE

- AI is writing configuration scripts that once required 3 senior engineers — in seconds.
- Vendors (Nokia, Cisco, Juniper, Arista) are shipping zero-touch provisioning that eliminates day-2 ops roles.
- Disaggregated hardware + SONiC/SR Linux means hardware expertise is NOW a networking requirement.
- The engineers thriving in 2025+ are multi-hat architects who span ASIC to cloud, code to protocol.
- SRv6 uSID, AI DC fabric, P4/eBPF, and cloud-native automation are the survival skills of our era.

■ WHY NOW? THE ENGINEERING RENAISSANCE DEMANDS ACTION

The Disaggregation Revolution

Hardware and software are decoupling. White-box switches, merchant silicon, and open NOS platforms mean that network engineers **MUST** understand hardware to stay relevant.

AI & SRE Are Here

AI is automating configuration, telemetry analysis, and fault detection. SRE principles are replacing classic NOC models. Engineers who code and automate survive.

SRv6 Is the Future Backbone

Tier-1 operators globally are migrating to SRv6 uSID. Cisco, Nokia, Juniper, and Arista are all shipping SRv6 production features. This is the decade of SRv6.

Multi-Cloud Is Mandatory

Enterprise and SP customers demand architects who understand AWS, Azure, GCP, and OCI — not just one cloud. Multi-cloud fabric design is now a baseline skill.

Evolve Your Role. Future-Proof Your Career. The Broader Your Knowledge, The More Marketable You Become.