

Mohammad Amiran

Senior Network & Virtualization Specialist | Instructor and Technical Trainer

Professional Summary

Experienced Senior Network and Infrastructure Specialist with over 10 years of hands-on experience in designing, implementing, and managing enterprise networks, storage systems and virtualization platforms. Proven track record in training and mentoring technical teams and delivering instructor-led and hands-on courses on networking (Cisco, MikroTik), virtualization (VMware vSphere, vSAN), and storage technologies (EMC, HPE). Strong troubleshooting skills, project leadership experience, and commitment to continuous professional development.

Contact

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Location: Tehran, Iran

Professional Experience

Senior Network and Infrastructure Specialist — Central Insurance Data Center (Tehran, Iran) | Aug 2024 – Present

- Designed and implemented local and wide area networks using modern technologies.
- Managed network setup projects, ensuring delivery on time and within budget.
- Analyzed and optimized network performance to reduce latency and improve throughput.
- Provided technical consulting on network security, data protection, and HA design.
- Trained and guided internal technical teams on networking and virtualization topics.

Senior Network Specialist — Imam Khomeini International Airport Data Center (Tehran, Iran) | 2020 – Jul 2024

- Managed and supported enterprise VMware environments (vCenter, ESXi), including vSAN deployments.
- Deployed and maintained EMC and HPE storage systems and performed virtual storage architecture design.
- Implemented VSAN service as SAN replacement and led data migration projects to virtual infrastructures.
- Performed performance tuning, backup optimization (Veeam), and operational monitoring (vROps, Veeam One).

- Conducted training sessions for the technical team on virtualization and storage strategies.

Network Specialist — Qom Municipality Data Center (Qom, Iran) | 2019 – 2020

- Designed, implemented, and supported LAN/WAN networks using Cisco and MikroTik equipment.
- Configured routers, switches, VPNs and monitoring solutions to optimize bandwidth and secure remote access.
- Managed backups (online/offline) and reduced system downtime to below 5% through proactive troubleshooting.
- Developed network security procedures and documentation.

Network Specialist — Ideh Fanavaran Darsa Company (Qom, Iran) | 2015 – 2017

- Managed and configured local area networks using Cisco and MikroTik.
- Designed and deployed firewall and VPN solutions; provided end-user training and technical documentation.

Technical Support — Housing and Agriculture Bank Kiosks (Qom, Iran) | 2019 – 2021

- Provided technical support for banking kiosks, diagnosing software/hardware faults and coordinating fixes.
- Trained kiosk operators and coordinated with developers to track and resolve application issues.
- Managed spare parts inventory to minimize service interruptions.

IT Supervisor — Tavavizhes Pars Company (Tehran, Iran) | 2021 – Present

- Supervised a team of 15 IT personnel, increasing project productivity by 20% in joint initiatives.
- Designed and implemented information security measures, reducing security incidents by 30%.
- Led software projects, enforced schedules and budgets, and developed staff training programs.
- Optimized IT infrastructure, achieving approximately 15% savings in operational costs.

Selected Projects

- Virtual infrastructure troubleshooting and recovery for Mirab Company.
- Implementation of local and wireless networks in Yazd province.
- Network and server setup for Kian Shoe Factory.
- Active Directory and DNS implementation for Mehran Gostar Company.
- Wireless link setup for district 8 of the municipality.
- Virtualization deployment for Pars Company and HA Active Directory for Qom

Municipality.

- Internet accounting setup for Qom Municipality.

Certifications & Courses

- EMC (ISM - Unity Deep Dive) 2021
- CEH —2020
- VCP6-DCV — 2019
- CCNP — (2020)
- CCNA — (2015)
- MTCNA / MTCRE / MTCWE / MTCTCE / MTCUME —(2016)
- Data Center Design — (2024)
- SolarWinds Monitoring —2019)
- ITIL v4 — (2023)
- ESET— (2023)

Education

Master of Computer Engineering (Network) — K.N. Toosi University of Technology, Tehran (2022–2024)

Bachelor of Computer Engineering (Software) — Poyesh Higher Education Institute, Qom (2019–2021)

Associate in Aviation Telecommunications — National Aviation Industry Faculty, Tehran (2014–2017)

Technical Skills

Virtualization & Cloud Infrastructure

- VMware vSphere Suite: ESXi, vCenter Server, vMotion, DRS, HA, vApp Management
- VMware vSAN: Storage Policy-Based Management (SPBM), Fault Domains, Deduplication & Compression, vSAN Health Checks
- VMware vRealize Operations (vROps): Capacity Planning, Performance Analytics, Custom Dashboards, Alerts & Reporting
- Hyper-V (Windows Server): Clustered Virtualization, Live Migration, Failover Clustering

Storage & Data Protection

- EMC Unity: Storage Pool Design, LUN/Thin Provisioning, FAST VP, Snapshot & Replication Configuration

- HPE Storage (MSA & 3PAR): RAID Configuration, Performance Tiering, Remote Copy, Virtual Domains
- Veeam Backup & Replication: Backup Jobs, Instant VM Recovery, SureBackup, Replication & Offsite Backup
- Veeam ONE: Monitoring, Capacity Planning, Backup Compliance Reporting

Networking & Data Center

- Cisco Data Center Technologies: VLAN, VTP, STP, EtherChannel, OSPF, EIGRP, BGP, ACLs

Data Center Management & Tools

- Automation & Management: PowerCLI, vCenter Update Manager (vLCM), ESXCLI
- Monitoring & Reporting: vROps, Veeam ONE, SolarWinds, Grafana (for metrics visualization)
- Documentation & Design: Network Diagrams (Visio), DC Architecture Design, Standard Operating Procedures

Teaching Experience

- Instructor at reputable training institutes nationwide — Delivered comprehensive IT training programs including CompTIA A+, Network+, Server+, and Storage+, with a focus on system fundamentals, hardware configuration, and enterprise networking.
- Conducted advanced networking and virtualization courses such as CCNA, CCNP, MTCNA, MTCRE, and MTCCTE, emphasizing hands-on labs, real-world deployment scenarios, and problem-solving exercises.
- Designed and developed curricula and practical lab environments for VMware vSphere, vSAN, and EMC Unity to ensure students gained in-depth technical knowledge and operational proficiency.
- Delivered corporate workshops on network optimization, performance monitoring (SolarWinds, PRTG), and IT infrastructure security best practices for enterprise technical team

Languages

English: B2

Azerbaijani: A1

Persian (Native)