

Alireza Karimi

A senior network engineer with more than 7 years of experience in Internet Service Provider field. A fast learner who enjoys new challenges. Enthusiastic about learning and teaching. Possess a M.Sc. in IT (computer networks) and a B.Sc. in software engineering. Author of two books about computer networks management in Persian.

Blogger at networkdream.ir and also a network trainer with excellent presentation and teaching skills.

Professional Experience

September 2010 - Present

Technical Manager at Sepanta Network Solutions ISP, Tehran, Iran

My responsibilities include, but are not limited to the following:

- Writing technical plans for different projects
- Design, implementation, support and maintenance of our network, some of our partners and our enterprise scale customers networks
- Coordinating between different departments in the company
- Supervising senior network engineers of the company and checking their reports
- Writing technical rules for network implementation, support and maintenance
- Writing To Do lists and How To Do documents
- Keeping technical staff up to date
- Troubleshooting network problems
- Interviewing technical staff
- Studying about new methods and technologies
- Research and development for new projects, services, devices and incidents
- Training and mentoring senior network engineers for our company
- Training our support and our partners staffs for different services and technologies
- Participation in DSL service projects of multiple provinces in Iran
- Giving consultant to our partners and customers
- Attending technical meetings face to face or remotely
- Travelling to different branches of company

September 2009 - Present

Network trainer in different companies, institutes and universities

Teaching following courses in different cities of Iran and abroad:

- “Network implementation” course (course material is the first section of my book)
- “Network management” course (course material is the second section of my book)
- Delivering a section of RIPE NCC IPv6 advanced course in Muscat Oman
- “CompTIA Network+” course
- Different Cisco courses including CCNA and CCNP routing and switching
- Different MikroTik courses as an official trainer
- Computer networks (an official university course)
- Computer networks lab (an official university course)
- “ADSL Service” course

Education:

- M.Sc. in Information Technology (Computer Networks), Yazd university, 2008-2010
- B.Sc. in software engineering, Shahid Bahonar University of Kerman, 2003-2007

Certifications:

- CCENT - Cisco Certified Entry Networking Technician
- CCNA - Cisco Certified Network Associate
- RIPE NCC Introduction to IPv6 Course
- RIPE NCC Local Internet Registry Course
- MikroTik Certified Trainer (TR0446)
- MTCNA - MikroTik Certified Network Associate
- MTCRE - MikroTik Certified Routing Engineer
- MTCINE - MikroTik Certified Inter-networking Engineer
- MTCTCE - MikroTik Certified Traffic Control Engineer
- MTCWE - MikroTik Certified Wireless Engineer
- MTCIPv6E - MikroTik Certified IPv6 Engineer
- English language diploma from Kish Air language institute

Additional Skills:

- Highly skilled in routing and switching in data networks
- Highly skilled in design, implementation, support and maintenance of various network services
- Highly skilled in computer networks management and related softwares
- Skilled in virtualization using VMware vSphere and Microsoft Hyper-V

- Real world work experience with Cisco, MikroTik, Zyxel, HP, Fortinet, Cyberoam, Huawei, Fiberhome, Siemens, Planet, SMC and other vendors network devices
- Skilled in working with Windows and Linux servers
- Familiar with programming using languages such as visual C# and Python
- Familiar with front-end web developing (HTML and CSS)
- Familiar with SQL server databases

Language skills:

- Persian: native
- English: very good (listening, reading, writing and speaking)

Honors and Awards:

- Receiving fellowship for MENOG 17 from RIPE NCC in IPv6 Train The Trainer course, 2017
- Selected by RIPE NCC for IPv6 Train The Trainer course in Tehran, 2017
- Financial support for my master thesis from Iran Telecommunication Research Center, 2010
- Top student in M.Sc., 2010
- Recognized as a talented student in Yazd university, 2010
- Graduated from Yazd university with 18.92 average out of 20 in M.Sc., 2010
- Top student in B.Sc. between students of software engineering, 2007
- Top student in high school, 2000 - 2003

Publications:

- "Computer Networks Management", Kiarash Mizanian, Alireza Karimi, the book is published by [Nass publication](#) (one of the best publications in Iran in IT field) and is taught in some universities, 2016.
- "Two Stage Architecture for Load Balancing and Failover in SIP Networks", M.Sc. Thesis, 2010.
- "Two Stage Architecture for Load Balancing and Failover in SIP Networks", Alireza Karimi, Mehdi Agha Sarram and Mohammad Ghasemzadeh, World Applied Science Journal 9 (10): 1108-1112, 2010.
- "Preventing of SYN Flood attack with iptables Firewall", Sara Mirzaie, Alireza Karimi and Mehdi Agha Sarram, ICCSN: 532-536, 2010.
- "Computer networks laboratory instructions for Iran university of science and technology", 2009

Interests:

- Teaching
- Travelling
- Swimming