



Mahdi Esfahani

Network Architect | CCIE R&S | Cisco SDN | Cisco System Consultation & Instructor

With over 17 years of experience, I have worked for the past 7 years as a consultant, lecturer, and freelancer specializing in computer networks and data centers, and I have participated in some projects, startups as well as a complete project. I am a full-time employee of companies and organizations. During this time, I have recorded thousands of hours in all work-related tasks, including technical design, planning, execution, and the highest level of performance adjustment and recovery procedures that are critical to enterprise systems. I currently manage a team that works on a variety of topics and make sure the quality of each submission meets high standards. I am also interested in reading, updating specialized content, and exercising when I am not working.

Technical and Software Skills Summary

- Cisco SD-WAN
- CCNP and CCIE Data Center Core
- CCIE Service Provider
- CCNP (ROUTE, SWITCH, TSHOOT)
- CCNA / CCDA / CCNA Data Cenetr
- Cisco Data Center Specialization
- Designing Cisco Data Center Unified Computing
- Implementing Cisco Data Center Unified Computing
- Routing protocols RIP / OSPF / EIGRP / BGP /IS-IS
- VLANs / STP / RSTP / EtherChannel / MST
- VPNs – GRE / IPSec / SSL
- Cisco Prime
- Cisco ACS
- MCSE / MCITP
- VMware VCP 6, 6.5
- VMware Horizon View 6
- Mikrotik Hotspot, VPNs, BGP, OSPF, NAT, Firewall, Static Route, Mangle, ACL, Route Filter
- SAN Storage EMC2
- TCP/IP, DNS, DHCP, WINS
- WireShark
- SolarWinds Orion
- PRTG
- Microsoft WSUS
- Active Directory, Group Policy
- McAfee / Symantec / Kaspersky / ESET / Bitdefender / F-Secure
- Backup Solution File/database/VM /Host
- Microsoft Print Server, File Server, IIS
- Microsoft System Center 2019
- Microsoft WDS
- MPLS / VPLS
- DMVPN / BGP EVPN VXLAN / vPC
- Microsoft Office (Word, Excell, Visio, and PowerPoint)
- Hotel Software Protel
- COMFAR Software

Soft Skills

- Leadership and team management
- Very high PR
- Time management and prioritization of tasks
- Teamwork
- Good and effective communication with colleagues and managers
- Helping colleagues to grow and develop the organization
- Responsibility in work
- Adaptability in the workplace
- High ability to solve problems
- Proper attention to detail
- Stress management and non-transmission to others
- I accept constructive criticism
- Strong negotiator

Qualifications

- CCIE R&S #CSCO13474392
- MCSE Core Infrastructure 2019 #H157-2974
- MCSA Windows Server 2012 #H157-2666
- MCSA Windows Server 2016 #H157- 3208
- Mikrotik MTCNA #1501NA432
- Cisco Certified Network Associate (CCNA)
- Cisco Certified Network Professional (CCNP R&S – TShoot)
- CEH (EC Council Certified Ethical Hacker)v8
- VMware VCP 5
- MCITP 2008
- CISSP



Employment History



Company
Role
Dates
Description
Responsibilities

Farzanegan Pars Communication Company (FCP)
Core&Backbone and IP Network Planing Manager

Oct 2020 – Present

Service Provider or Fixed Communication Provider (FCP) – <https://wenex.ir>

- LAN and WAN network maintenance
- Data Center Design and Installation Configuration
- Redesign and implement LAN, WAN, and Data Center Network
- Configuring Nexus Switches and ASR, ISR Routers, and Mikrotik Router
- IP Planning, Routing Protocol OSPF, BGP, IS-IS, VRF, PBR, BGP EVPN,...
- MPLS – MPLS VPN - VPLS –DMVPN- NHRP-GRE IPsec-NetFlow-ERSPAN-RSPAN-SPAN
- vPC, VXLAN, HSRP, VRRP, LAC/LNS - PPPOE
- TD-LTE APN and TD-LTE APN+
- AAA Server (Netbill)
- ISG Server



Company
Role
Dates
Description
Responsibilities

Fanavari Ertebatat Hamgarah
Senior Advisor Network and Data Center

Nov 2021 – Present

Alcatel Partener - <https://hamgara.com>

- LAN and WAN network
- Data Center Design
- R&D Network
- Preparation of auction documents
- Preparation of RFP documents



Company
Role
Dates
Description
Responsibilities

DPT Turkey
Senior Cisco Network Engineer – Freelancer(Remote)

Jun 2021 – Present

IT and Training Institute Network&Security – <https://dpt.net.tr>

- Enterprise, Datacenter Network Design Consultant
- Network and data center maintenance consultant
- SD-WAN, ACI, SD-Access network implementation consultant
- Software implementation consultant
- Preparation of RFP, LOM, LOS
- Project management
- Management and consulting of the research and development department
- Data Center and Network Design



Company
Role
Dates
Description
Responsibilities

DPI Co.
Senior Information Technology Consultant
Jan 2021 – Jan 2022
IT Company - <https://www.dpi.ir>

- Enterprise, Datacenter and WAN Network Design and Implementation Consultant
- Network and data center maintenance consultant
- SD-WAN, ACI, SD-Access network implementation consultant
- Software implementation consultant
- Preparation of RFP, LOM, LOS
- Project management
- Management and consulting of the research and development department



Company
Role
Dates
Description
Responsibilities

Iran Cultural Heritage and Tourism Investment Company Semga - Rexan
Senior Information Technology Consultant
Sep 2020 – Sep 2021
Cultural and tourism investment company - <https://semega.ir>

- Enterprise, Datacenter Network Design and Implementation Consultant
- Network and data center maintenance consultant
- Server Virtualization and Desktop Virtualization consultant
- Production advice for LOM, RFP, and LOS for tenders
- Project management and control
- Control and monitor the performance of contractors
- Project risk assessment and documentation
- Personnel management and supervision



Company
Role
Dates
Description
Responsibilities

Aria Ziggurat Tourism Development Company
Senior Information Technology Consultant
Dec 2019 – Oct 2020
Tourism company - <https://ikahotel.com>

- Design and implementation of Enterprise and Datacenter network
- Network and data center maintenance consultant
- Server Virtualization configuration
- Configure HP switches and Microtek routers
- Launching Microsoft-based services such as DNS, DC, DHCP, WSUS
- Kerio Server Configuration
- Configure SAN Switch and SAN Storage



Company
Role
Dates
Description
Responsibilities

KahkeshanNoor
Cisco System Instructor
Jul 2019 – Jul 2021
Network and Security Training Institute - <https://www.kahkeshan.com>

- CCNP Implementing Cisco SD-WAN ENSDWI 300-415
- CCNP Enterprise Core ENCOR 350-401
- CCNP and CCIE Collaboration Core CLCOR 350-801
- CCNP and CCIE Data Center Core DCCOR 350-601
- CCNP Enterprise Design ENSLD 300-420
- CCNP Service Provider SPCOR-350-501



Company
Role
Dates
Description
Responsibilities

Rexan and Remis Hotel (Former Ibis and Novotel Hotel)

Senior Information Technology Consultant

Dec 2019 – Dec 2020

Hotel and Hospitality - <https://ikahotel.com>

- ReDesign and Configure the Data Center
- ReDesign LAN & WAN
- Design a Secure and Scalable Networks
- Network topology and architecture design and implementation
- HP Switch's Configuration
- EMC SAN Switch
- HP SAN Storage
- Design and consultation for cabling
- VMware ESXi and Vcenter Configuration
- Veeam Backup Solution
- File and Database Backup Solution
- Network Monitoring PRTG
- Microsoft Active Directory, DHCP, DNS, GPO, WSUS, DFS, WDS, IPAM
- Kerio Server Configuration
- SolarWinds FTP
- Mikrotik Router Firewall, NAT, Hotspot, AAA, Route, VPN



Company
Role
Dates
Description
Responsibilities

LifeBoard Parseh

Senior Network and Security Consultant.

July 2015 – May 2019

IT Company - <http://lifeboardco.com>

- Technical lead duties and management of technical projects
- Designing and implementing customers' network infrastructure
- Configuring and implementing Remote Access Solution: IPSec VPN, EasyVPN, SSL VPN
- Configuring ASA 5500-X Series
- Configuring ASA to ASA and Router to Router VPN
- Implementation of HSRP (using IP SLA) and GLBP
- Configuring VLANs, VTP, EtherChannels
- Configuring Inter-VLAN routing on Layer-3 switches
- Securing switch access
- Designing and implementing Network architectures
- Configuring routing using OSPF and policy routing using route maps
- Hardening Cisco devices – Implementing IDS and IPS, Cisco IOS Firewall
- Implementing traffic filters using Standard and Extended ACL
- Building and maintaining Visiodocumentations for Clients
- HP Servers Installation for VMware6, 6.5



Company
Role
Dates
Description
Responsibilities

ADL Afarinan Mandegar
Senior IT Consultant.
January 2017 – Jun 2018
IT Company - <https://adotel.net>

- Designing and implementing network infrastructure
- Design and implementation for cabling Project
- Configuring and implementing Remote Access Solution: PPTP/L2TP
- Mikrotik Router Firewall/ NAT/ Hotspot / AAA / Route /VPN
- Configuring VLANs, VTP, EtherChannels
- Configuring Inter-VLAN routing on Layer-3 switches
- Securing switch access
- Vmware Vcenter 6
- Vmware Horizon View 6
- Microsoft Active Directory, DHCP/ DNS/ GPO / DFS



Company
Role
Dates
Description
Responsibilities

Rexan and Remis Hotel (Former Ibis and Novotel Hotel)
Senior Network Consultant.
February 2014 – December 2015
Hotel and Hospitality - <https://ikahotel.com>

- Design and configure the Datacenter
- Design a secure and scalable network
- Network topology & architecture design and implementation
- Network Configuration
- Firewall Configuration
- Designing and implementing network infrastructure
- Design and implement cabling Project
- Configuring and implementing Remote Access Solution: PPTP/L2TP
- Mikrotik Router Firewall/ NAT/ Hotspot / AAA / Route /VPN
- Configuring VLANs, VTP, EtherChannel
- Configuring Inter-VLAN routing on Layer-3 switches
- Vmware Vcenter 6



Company
Role
Dates
Description
Responsibilities

Esteghlal Hotel (Former Hilton Hotel)
IT Manager
May 2014 – Sep 2020
Hotel and Hospitality - <https://esteghlalhotel.com>

- ReDesign and configure the Datacenter
- Design a secure and scalable network
- Network topology & architecture design and implementation
- Cisco Switch 2960/3750/3850/4506 Configuration, Tshoot, and Support
- Cisco ASA
- Cisco ACS
- Cisco Prime
- EMC2 5200
- Design and consultation for cabling Project
- Vmware Vcenter 6.0 installation and configuration
- Horizon View
- Veeam Backup Solution
- File Backup
- Network Monitoring SolarWinds / Bina / PRTG
- Microsoft Active Directory/ DHCP /DNS/ GPO / WSUS/ DFS
- SolarWinds FTP
- Mikrotik Router Firewall/ NAT/ Hotspot / AAA / Route /VPN

- Assist in sizing effort for the network part of projects.
- Assist in pricing for the network part of projects.
- Install secure and scalable network devices.
- Work with OS and application teams to ensure client service success.
- Document all network set-ups.
- Liaise with support teams, working together to resolve customer issues.
- Work as part of a team with excellent communication skills.
- Work with clients during all stages of projects.
- Highlight and document all network risks of projects.
- Coach more junior members of staff.



Company
Role
Dates
Description
Responsibilities

Parsian International Hotels Co.
IT Project Manager.
July 2012 - April 2014
Hotel and Hospitality - <https://pih.ir/page/EN>

- Designing network infrastructure
- Design for cabling Project
- Design Network and Security Datacenter
- Design a secure and scalable network
- Network topology & architecture design
- Work as part of a team with excellent communication skills.
- Work with clients during all stages of projects.
- Highlight and document all network risks of projects.
- Coach more junior members of staff.



Company
Role
Dates
Description
Responsibilities

Parsian International Hotels Co.
Senior IT Expert
July 2010 - June 2012
Hotel and Hospitality - <https://pih.ir/page/EN>

- Designing network infrastructure
- Microsoft Active Directory, DHCP/ DNS/ GPO / DFS
- Network topology & architecture design and implementation
- Network Support and maintenance
- Install secure and scalable network devices
- Holding and arranging bidding documents
- Attend major meetings on the organization's projects
- Reviewing and evaluating the performance of subsidiaries



Company
Role
Dates
Description
Responsibilities

Kermanshah Hotel
IT Project Manager
January 2008 – June 2010
Hotel and Hospitality - <https://kermanshahpih.ir>

- Designing network infrastructure
- Design Network and Security Datacenter
- Design a secure and scalable network
- Network topology & architecture design



Company	ADL Afarinan Mandegar
Role	IT Expert.
Dates	December 2007 – January 2008
Description	IT Company - https://adotel.net
Responsibilities	<ul style="list-style-type: none">• LAN and WLAN Configuration and Support• IT and Software Support• Protel Hotel Software Training• Protel Hotel Software installation and configuration



Company	Pars Online sales representative
Role	NOC Expert.
Dates	January 2005 – December 2007
Description	Service Provider – https://www.parsonline.com
Responsibilities	<ul style="list-style-type: none">• Home User ADSL Service Support• ADSL Installaion and Traning Home User• P2P Installaion and Configuration• User Support• ADSL internet sales

Some projects



- **Hotel BI and AI Startup**
Company: SData - <https://www.sdata.ir>
Project duration: 21 Jun 2020 – 21 Sep 2020
Role: Senior Network and Data Center Consultant
- **Hotel Channel Manager Startup**
Company: Adotel - <https://adotel.net>
Project duration: 22 Sep 2020 – 21 Jun 2022
Role: Senior Network and Security Consultant
- **Network Design and Troubleshooting**
Company: Shahzand Petrochemical Co. - <https://www.arpc.ir>
Project duration: 22 May 2021 – 21 Jun 2021
Role: Project manager
- **Installation and Configuration Cisco LAN and WLAN**
Company: Dana Systems Co. - <https://danasystems.ir>
Project duration: 23 Aug 2021 – 21 Nov 2021
Role: Project manager



EDUCATION

- **Faculty Engineering, Imam Mohammad Baqer – Sari Mazandaran**
Bachelor (BSc/BA) 2003-2005 – Software Engineering
University GPA: 14
- **Islamic Azad University Central Tehran Branch**
Master (MSc/MA) 2007-2010 – Software Engineering
University GPA: 18
- **Islamic Azad University Science and Research Branch**
Master (MSc/MA) 2010-2012 – Network Engineering
University GPA: 19.5



Collection, translation of books and Articles

- **Collection, and translation of Cisco ASA with FirePOWER Services book**
- **Article on SD-WAN technology**
- **Article about MPLS network**
- **Article on VXLAN and vPC**
- **Article on Switching**
- **Article on Cisco Smart Licensing and Smart Accounts**