

# Omid Samir

- ◉ **BirthDay:** 15/03/1990
- ◉ **Marital Status:** Single
- ◉ **Gender:** Male
- ◉ **Mobile:** +98 912 5036724
- ◉ **Phone:** +98 21 88610673
- ◉ **Fax Number:** +98 21 88610675
- ◉ **E-mail Address:** [me@omidx.com](mailto:me@omidx.com)
- ◉ **Website:** <http://www.omidx.com>
- ◉ **Linkedin:** <https://ir.linkedin.com/in/omidx>
- ◉ **Address:** Vanak, Tehran, IRAN
- ◉ **Military service status:** Exempt

Network engineer with extensive experience in building, managing, and troubleshooting IT systems for clients of various sizes and necessities. Skills include the ability to manage all aspects of the client's server and to work with colleagues to improve the efficiency of internal IT systems. My experience working in different capacities of network management has developed my skills and hold my attention to detail, ability to multi-task and dedication to effectiveness. I understand what a vital role the network engineer of any company plays, and I am committed to exceeding all standards in my performance.



## Education



### Master's Degree, Information Technology Engineering

✓ Electronic commerce / Islamic Azad University / Avg:17.42

Tehran/IRAN  
2016 – 2018



### Bachelor's Degree, Information Computer Engineering

✓ Information Technology / Islamic Azad University / Avg:17.20

Tehran/IRAN  
2011 – 2015



### Diploma in Mathematics & physics

✓ Mathematics & physics / Atomic Energy High School (Dr. Hashtroudi) / Avg:16.40

Tehran/IRAN  
2004 – 2008

## Detailed Skills & Expertise

❖ NETWORKING	★★★★★★
❖ SWITCHING	★★★★★
❖ ROUTING	★★★★★★
❖ WIRELESS NETWORKS	★★★★★
❖ SERVER HARDWARE	★★★★★★
❖ DATA CENTER ARCHITECTURE	★★★★★
❖ VIRTUALIZATION	★★★★★★
❖ STORAGE DEVICES	★★★★★
❖ BACKUP SYSTEMS	★★★★
❖ MONITORING SOFTWARES	★★★★★★
❖ WEB HOSTING	★★★★★★
❖ DEVOPS	★★★★
❖ WEB DEVELOPMENT	★★★★

### Switching and Routing:

- ❖ Routing Skills: Cisco PFR, OSPF, OSPFv2 & v3, EIGRP, BGP & MP-BGP, VRF, NHRP.
- ❖ Switching Skills: VSS, MEC, vPC, FHRP, STP, Switching Security Mechanisms.
- ❖ Security Skills: IPsec, dot1x, VPN Technologies, IDS, IPS, IOS Firewall, etc.
- ❖ MPLS Skills: MPLS TE, RSVP TE, LDP, TDP, Targeted.
- ❖ QoS Skills: Policing, Shaping, Rate Limiting, Prioritizing, etc.

### Cloud and Server:

- ❖ Managing and Maintaining the HPE DL, ML & BL Series, DELL & Supermicro Servers.
- ❖ Virtualization Skills: VMware vSphere 5, 5.1, 5.5, 6, 6.5, 6.7, 7.
- ❖ Virtualization Advanced Skills: Configure HA, DRS, vDS, vCHA, vSAN, vFRC, ....
- ❖ Linux Skills: RedHat, CentOS, Debian, Ubuntu (Apache, Nginx, MySQL, Bind, ProFTP, PureFTP and etc.)
- ❖ Microsoft Skills: Windows Sever 2003, 2008, 2012, 2016, 2019 & 2022 (DNS, AD, DHCP, DFS, FCM, ARR, WSUS, Exchange, IIS, SQL Server and etc.)
- ❖ Project Skills: Project Management & Planning.
- ❖ Web Hosting CPs: WHMCS, CPanel, Directadmin, LXAdmin & Plesk.
- ❖ Backup Systems: Symantec Backup, Veeam Backup & Acronis Backup
- ❖ Monitoring Systems: PRTG, SolarWinds, VeeamONE, Cacti & Grafana.
- ❖ DevOps Skills: Docker & Kubernetes.

### UTM & Firewalls:

- ❖ Cyberoam UTM
- ❖ Sophos ASG, SG & XG Series.
- ❖ Kerio Control
- ❖ Microsoft TMG

### Web Development:

- ❖ HTML/HTML5/xHTML/CSS/CSS3
- ❖ PHP/MySQL
- ❖ Wordpress



## Work History



**Arian server**  
CEO & Founder

Tehran/IRAN  
2013 - 2017

### Description:

Speciality includes VMware ESXi, VCSA, HA, DRS, Cisco, MikroTik.

- ✓ Maintained 99.9% System uptime
- ✓ Managed CentOS & Ubuntu Linux servers both physical and virtual
- ✓ Managed 2003, 2008 r2, 2012 r2 and 2016 Windows servers both physical and virtual
- ✓ Designed, documented and implemented all VMWare ESXi server configurations and builds from proof of concept to full production implementation.
- ✓ Worked with VMware vCenter/VCM for system monitoring, inventory control and Reporting.
- ✓ Provided full support for over 250 virtual machines running on 10 ESXi servers across 3 site.
- ✓ Designed and lead the implementation of ESXi DRS and HA clusters.
- ✓ Updates and monitors security systems of network infrastructure.



**Central Organization of Islamic Azad University (IAU CO)**  
Head of Network infrastructure Department

Tehran/IRAN  
2017 - 2022

### Description:

Speciality includes VMware, Brocade, HPE, NetApp, EMC, DellEMC, Cisco, MikroTik, Ubiquiti Linux & Windows Services.

- ✓ Design and implementation of network security based on Sophos, configuration of rules and policies related to firewall, WAF, IPS/IDS, Email Protection and Site-To-Site VPN connection between the data center of the central organization with Pardis and Milad data centers.
- ✓ Design and implementation of the network of data centers of the central organization in the main site, Pardis site and Milad site, creation of DMZ area, design based on TOR and spine-and-leaf model.
- ✓ Design and implementation of LAN and wireless network for users in buildings 1, 2, 3, 5, 6, Aftab, Farhikhtegan Hotel based on the Cisco three-layer standard model, complete separation of the wireless network from the internal network.
- ✓ Design and implementation of radio communications between the buildings of the central organization and the main site.
- ✓ Implementation of the Internet user management system to manage the bandwidth and the time period of Internet usage during office hours to manage the Internet bandwidth.
- ✓ Design and implementation TCP/IP, UDP, internet, & intranet routing, switching, & bridging functions in LAN, WAN, MPLS, & VPN environments.
- ✓ Designing and implementing MPLS network communications with the government network, NIX and Financial institutions.
- ✓ Implementation Administered all Microsoft Services, including DNS, AD, DHCP, DFS, FCM, ARR, WSUS, Exchange & GPO's.
- ✓ Designing and implementing a national email server to serve faculty members, Master and PHD students and IAU Branches based on Exchange Server 2019.
- ✓ Implementation Administered all Linux Services, including NTP, Bind, HAproxy, Apache, NGINX, MySQL, MariaDB.
- ✓ Design and implementation of data center virtualization based on VMware ESXi.
- ✓ Designed & lead the implementation of vSphere EVC, vDS, DRS, SDRS, vSAN Stretched clusters & HA clusters.
- ✓ Provided full support for over 350 virtual machines running on 50 ESXi servers across 3 sites.
- ✓ Design and implementation of VMWare Stretched clusters, vSAN ready nodes, SDDC workload domains.
- ✓ Implemented vSphere replication technologies using Veeam availability suite.
- ✓ Designed & lead the implementation Infrastructure Monitoring with Zabbix & PRTG, use GRAFANA for Visualization.
- ✓ Configuration & planning server's backup with Veeam BR & Backup Exec with offline backup for Ransome attacks.
- ✓ Create new VMware & Microsoft standards, adhering to IT security standards & best practice.

Involved in the management & troubleshooting of Server, Storage & Tape backup devices including HPE DL & ML Series, EMC VNX, HP MSA, NETAPP FAS Series & T&berg & Quantum Scalar tape libraries, tasks included:

- ✓ Initial setup & configuration
- ✓ Allocation, Deallocation & LUN sharing
- ✓ Flash copy & replication & LUN migration
- ✓ Firmware update, health checks & break fixes



**Ronin CO**  
Infrastructure and network consultant

Tehran/IRAN  
2019 – 2022

**Description:**

- Speciality includes VMware ESXi, VCSA, HA, DRS, Windows Services, Cisco, MikroTik.
- ✓ Design & implementation of edge networks on client side with MikroTik Routers, & Cisco switches.
  - ✓ Implementation of the Internet user management system to manage the bandwidth and the time period of Internet usage during office hours to manage the Internet bandwidth.
  - ✓ Design and implementation TCP/IP, UDP, internet, & intranet routing, switching, & bridging functions in LAN, WAN & VPN environments.
  - ✓ Design and implementation of radio communications between the main building and the second building.
  - ✓ Implementation Administered all Microsoft Services, including DNS, AD, DHCP, DFS, FCM, WSUS, Exchange & GPO's.
  - ✓ Troubleshoot and updating the email server to the latest 2013 Cumulative update.
  - ✓ Designing and implementing a new email server based on Exchange Server 2019.
  - ✓ Design and implementation of data center virtualization based on VMware ESXi.
  - ✓ Designed & lead the implementation of vSphere EVC, vDS, DRS, HA clusters.
  - ✓ Implemented vSphere replication technologies using Veeam availability suite.
  - ✓ Configuration & planning server's backup with Veeam backup & Replication.
  - ✓ Regular HPE Server firmware updates to the latest version supported by the hardware.
  - ✓ Regular ESXi & VCSA version updates to the latest version supported by the hardware.
  - ✓ Regular Exchange server updates and installation of provided CUs and patches.



**Shahr Financial Group (Shahr Bank)**  
Infrastructure and network consultant

Tehran/IRAN  
2021 – 2022

**Description:**

- Speciality includes Linux & Windows Services.
- ✓ Linux web hosting server installation & security configuration.
  - ✓ NGINX web server configuration and MySQL database configuration and optimization.
  - ✓ Troubleshoot and updating the email server to the latest 2016 Cumulative update.
  - ✓ Designing and implementing a new email server based on Exchange Server 2019.
  - ✓ IPS/IDC and WAF configuration in ArvanCloud.

**Projects**



**Mobile Telecommunication Company of Iran (Towhid building)**  
Astellia Project, Server & Storage

Tehran/IRAN  
2019

**Description:**

- Speciality includes HPE Server & Storage Hardware.
- ✓ Installation and configuration of Blade C7000 servers with 460cG9 blades.
  - ✓ Installation and configuration of 3PAR SAN Storage 8440 vs 6 Enclosures.



**DG Shahr Online Shop (Shahr Bank)**  
Linux Administrator

Tehran/IRAN  
2022

**Description:**

- Speciality includes Linux Services.
- ✓ Linux web hosting server installation & security configuration.
  - ✓ NGINX web server configuration and MySQL database configuration and optimization.
  - ✓ Load balancing between web servers using HAproxy.
  - ✓ IPS/IDC and WAF configuration in ArvanCloud.

## Other Projects

- ❖ **Gohar Institute**  
Linux Web Hosting  
Tehran/IRAN  
2015
- ❖ **SDKA design studio**  
Linux Web Hosting  
Tehran/IRAN  
2016
- ❖ **Hamshahri newspaper**  
Linux Web Hosting  
Tehran/IRAN  
2016
- ❖ **IAU CO Buildings (BL1-6)**  
Network design and implementation  
Tehran/IRAN  
2017
- ❖ **IAU CO Datacenter - Main Site**  
Network design and implementation  
Tehran/IRAN  
2017
- ❖ **IAU CO Datacenter - Pardis Site**  
Network design and implementation  
Tehran/IRAN  
2017
- ❖ **Islamic Azad University Kish International Branch**  
Network & Server Room design and implementation  
Tehran/IRAN  
2018
- ❖ **IAU CO - Ferdowsi Building**  
Network design and implementation  
Tehran/IRAN  
2018
- ❖ **IAU Creative Schools**  
Network design and implementation  
Tehran/IRAN  
2019
- ❖ **IAU CO - Aftab Building**  
Network design and implementation  
Tehran/IRAN  
2019
- ❖ **Islamic Azad University Fereshtegan International Branch**  
Network design and implementation  
Tehran/IRAN  
2019
- ❖ **Islamic Azad University Farshchian Branch**  
Network design and implementation  
Tehran/IRAN  
2019
- ❖ **IAU CO Datacenter - Milad Site**  
Network design and implementation  
Tehran/IRAN  
2020