

# Mohammad Ashkboos

Senior Network and Infrastructure



## درباره من

I specialize in delivering technical solutions in network virtualization and data centers management, with a focus on optimizing IT infrastructure performance. My key responsibilities include designing and implementing complex network projects, offering expert security consulting, and resolving advanced network issues to improve service quality. With approximately 12 years of experience, I have consistently exceeded customer expectations, successfully completed numerous projects, and contributed significantly to revenue growth.

## تجربه‌های کاری

### Network Manager

۱۴۰۴ تا اردیبهشت ۱۴۰۱ | Rayan Nik Tajhiz

This company specializes in planning and consulting on the implementation of organizational network and data center infrastructures. It also provides security solutions and supports the data centers of large organizations across the country.

>

Providing consulting and implementing network and data center infrastructure through the virtualization of two VMware NSX-T, VMware NSX-V platforms, resulting in enhanced system scalability and performance.

>

I successfully implemented numerous VMware vSAN projects, enhancing storage efficiency and scalability for various clients .

>

Basic Configuration of FabricPath in Datacenters to eliminate the need for the STP protocol, enhancing network efficiency and scalability.

>

Integrated switches using StackWise(Catalyst-Switches) and VPC(Nexus-Switches) mechanisms to enhance network performance, ensure redundancy, and increase scalability.

>

Use LUN masking and Basic Configuration of zoning to securely manage block storage and Basic Configuration of MDS (Cisco SAN Switches).

>

Implemented Fast Cache and Fast VP replication at the SAN storage level to enhance data security and performance, significantly improving system efficiency and boosting customer confidence.

>

Coordinated secure communications between branches, ensuring full compliance with all security protocols to maintain data integrity and protect organizational assets.

>

Provided continuous support and proactive monitoring for virtual infrastructures and centralized storage systems, ensuring optimal

اطلاعات تماس

تماس از طریق جابینجا

اطلاعات شخصی

سال تولد: ۱۳۶۲

وضعیت سربازی: پایان خدمت

وضعیت تأهل: مجرد

زبان‌ها

انگلیسی (متوسط)

عربی (حرفه‌ای)

performance, stability, and rapid issue resolution.

➤

Implemented a robust routing and switching infrastructure with stringent security measures, successfully doubling network speed through bandwidth aggregation and ensuring high availability with failover prevention mechanisms.

➤

Separation of Internet traffic and internal user traffic with VMware Horizon View and Configuration of VDI.

➤

Secured corporate websites and emails by implementing a Web Application Firewall (WAF), Microsoft ADFS, and two-factor authentication (MFA) server, ensuring enhanced user login security and protecting against unauthorized access.

➤

Implemented monitoring servers in corporate networks, utilizing Zabbix and Zabbix Proxy, to enable secure network monitoring across tunnels between different cities. This setup ensured real-time monitoring and effective issue resolution across geographically distributed networks.

➤

Installed and configured firewalls to ensure optimal security standards, safeguarding the network perimeter and preventing unauthorized access. This setup included fine-tuning firewall rules and policies to meet the organization's specific security needs while maintaining efficient network performance.

➤

Enabled secure connections for external users by implementing the Ivanti Secure Connect server, providing secure remote access to corporate resources. This solution ensures data protection and privacy by encrypting communication between external users and the corporate network, while allowing seamless integration with existing security protocols.

➤

Successfully set up central Microsoft services including:

•

Active Directory (AD): For centralized user and resource management, enabling efficient authentication and authorization.

•

DNS (Domain Name System): To resolve domain names to IP addresses, ensuring proper network communication.

•

DHCP (Dynamic Host Configuration Protocol): For automating the assignment of IP addresses to devices on the network.

•

WDS (Windows Deployment Services): For efficient operating system deployment across multiple machines in the organization.

•

ADFS (Active Directory Federation Services): For secure identity federation, enabling Single Sign-On (SSO) and cross-domain authentication.

•

WSUS (Windows Server Update Services): To ensure the deployment of critical updates and patches across Windows systems, maintaining security.



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- CA (Certificate Authority): For managing digital certificates, enabling secure communications within the organization.
- SCCM (System Center Configuration Manager): To manage system configurations, software distribution, and ensure compliance across devices.
- The successful deployment and configuration of Microsoft Office 365 involved setting up user accounts, managing licenses, migrating email and data from previous systems, and integrating the platform with existing IT infrastructures. Additionally, assistance was provided in implementing security measures, such as multi-factor authentication (MFA), and configuring policies to ensure data protection and compliance.

## Senior IT System and Network Administrator

۱۴۰۰ | شهریور تا آذر ۱۴۰۰

With over half a century of experience in providing banking products and solutions, Iran Argham has been a reliable provider of quality services in the country's banking sector. The company offered hardware services and products, including the sale of banking equipment such as ATMs and CRS, and provided support services through a network of agencies nationwide. However, due to the company's bankruptcy issues, I was ultimately forced to leave the company.

Addressed issues in the company's virtualization structure by implementing a comprehensive suite of solutions, including:

- ESXi and vCenter Management: Optimized resource utilization through the deployment and management of ESXi hosts and vCenter for centralized control of virtual environments.
- IOPS Disk Monitoring: Conducted thorough assessments of disk performance, ensuring optimal IOPS (Input/Output Operations Per Second) for virtualized applications.
- VM Templates and Cloning: Streamlined VM deployment by creating and managing VM templates and using cloning techniques for rapid provisioning of new virtual machines.
- Snapshot Management: Implemented efficient snapshot management practices to enable point-in-time recovery and facilitate virtual machine testing.
- Resource Pool Configuration: Configured resource shares, reservations, and limits within resource pools to ensure optimal allocation of compute, memory, and storage resources.
- vSphere Distributed Switch (VDS) Management: Enhanced network performance and management through the implementation of VDS, allowing centralized network management across ESXi hosts.
- DRS, HA, FT, and DPM: Deployed VMware's Distributed Resource Scheduler



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(DRS), High Availability (HA), Fault Tolerance (FT), and Distributed Power Management (DPM) to ensure system stability, performance optimization, and power efficiency.

➤

Storage Policies and I/O Control: Implemented storage policies and I/O control mechanisms to ensure consistent and high-performance storage for virtualized workloads.

## Senior Network Engineer and Network Administrator

مهر ۱۳۹۶ تا آذر ۱۳۹۹ | Artawheel Tier

Artawheel Tier, founded in 1980, initially emerged as a subsidiary of Razi Chemical Company, which was established to produce a variety of industrial and household adhesives. Razi Chemical began production in 1982 and has a capacity of producing 18,000 tons of glue annually. In 1983, the vision for tire manufacturing materialized with the founding of Artavill Tayer Company. This move expanded the company's product portfolio into the automotive sector. Following this, Kian Chemi and Kimia Resin companies were established to produce a wide range of chemicals. These businesses contributed significantly to the diversified manufacturing capabilities of the group, which now serves a wide array of industries, from adhesives to chemicals and tires. Artavill Tayer and its subsidiaries have grown over the years to play a key role in the production of industrial products across various sectors.

Virtualization & Infrastructure Management:

➤

Virtualization Components: Managed ESXi hosts and vCenter, performed IOPS disk checks, cloned VMs, created and managed VM templates, and handled snapshot management for efficient system backup and recovery.

➤

Resource Management: Configured shared resources, implemented resource reservations, and applied constraints within resource pools. Managed the vSphere Distributed Switch (VDS) to optimize network performance and ensure seamless connectivity.

➤

High Availability & Performance: Implemented VMware DRS, HA, FT, DPM, and storage policies to enhance system stability and uptime. Utilized storage I/O control to improve performance and meet high-demand application requirements.

➤

Automation & Management: Configured alarms, alerts, and scheduled tasks to automate system monitoring and issue resolution. Deployed and managed vApps to streamline the virtual infrastructure and improve resource allocation.

Network Infrastructure Support:

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Provided ongoing support for the company's routing and switching infrastructure, ensuring continuous network connectivity and reliability.

➤

Maintained critical business services, ensuring uninterrupted operations of essential systems and applications.

➤

System Monitoring & Maintenance:

➤



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Phone System Maintenance: Managed and ensured the continuous operation of the company's phone system for uninterrupted communication.

➤

Firewall Monitoring: Regularly monitored and ensured the proper functioning of the company's firewall, protecting systems from external threats.

➤

Overall System Monitoring: Continuously monitored the entire company's network and infrastructure using monitoring systems to ensure system integrity and performance.

Microsoft Services Administration:

Set up and managed central Microsoft services, including:

➤

Active Directory (AD) for user and resource management.

➤

DNS and DHCP for network addressing and name resolution.

➤

Windows Deployment Services (WDS) for OS installations and system provisioning.

➤

Active Directory Federation Services (ADFS) for identity and access management.

➤

Windows Server Update Services (WSUS) for patch management and system updates.

➤

Certification Authority (CA) for digital certificate management.

➤

System Center Configuration Manager (SCCM) for software distribution and endpoint management.

➤

Remote Desktop Session Host (RDSH) for remote access solutions.

## Network Expert

۱۳۹۳ تا بهمن ۱۳۹۲ | Wood Industry Tooska

This company is a key player in the wood industry, specializing in the manufacturing of a wide range of furniture and wood products. With multiple branches across the country, it has established itself as a prominent name in the market. The company's operations focus on producing high-quality wood-based products, which cater to various customer needs in the domestic market. Its extensive network of branches enables it to efficiently distribute and service clients nationwide.

➤

Providing support to users and systems to ensure smooth and efficient operations.

➤

Maintain the company's telephone system to ensure continued reliable communications.

➤

Support the company's network infrastructure to ensure system stability and connectivity.



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## ریاضیات کاربردی (کارشناسی ارشد)

پیام نور واحد گرمسار | ۱۳۸۲ تا ۱۳۸۸

## ریاضیات

پیش دانشگاهی مکتبی | ۱۳۸۰ تا ۱۳۸۱

## ریاضیات (دیپلم)

دبیرستان شهداء | ۱۳۷۹ تا ۱۳۸۰

## مهارت‌های حرفه‌ای

- Cisco ESA Mail Gateway . Microsoft Exchange Server . Microsoft mcse
- Unity EMC . Dell EMC Storage . LPIC1 & LPIC2 . ProxMox Mail Gateway
- QNAP NAS Storage . EMC ISILON . HPE MSA Storage . EMC VNX
- PRTG Monitoring . Synology NAS Storage . SansDigital NAS Storage
- (Mikrotik Router (MTCNA . Solarwinds Monitoring . zabbix monitoring
- VPN Solutions . Veeam Backup & Replication . (Issabel VOIP (Issabel PBX
- Cisco Nexus . (Ivanti Connect Secure . Ipsec,SSL VPN . VXLAN-EVPN
- Cisco ccna security . Cisco CCNP Routers and Switches . Cisco MDS
- Cisco FirePower . Cisco ASA Firewall . cisco ISE
- Sophos XG Firewall . PaloAlto Firewall . (Juniper SRX Firewall (JNCIA
- Fortiweb WAF . Kerio Control Firewall . Fortigate Firewall
- VMware vSAN . vmware nsx . VMware VDI . VMWare vSphere
- MFA Server . Arcon PAM . Microsoft Hyper-V