







# Ali Hussein Ali

## NETWORK & COMMUNICATION ENGINEER

### PERSONAL INFO.

 **Birthday 28/11/1988**  
 **Iraq / Baghdad**  
 **07702035948**  
 **A\_ONNET9@GMAIL.COM**

### EDUCATION

**B Sc. Computer Communication Engineering**  
**Al-Rafidain University Collage 2011-2012**

### CERTIFICATIONS

**Cisco CCNP routing and switching.**  
**MikroTik MTCRE**  
**MikroTik MTCNA**  
**Cisco CCNA routing and switching.**

### COURSES

**CompTIA Network +**  
**Cisco CCNA routing and switching**  
**Cisco CCNP routing and switching**  
**Cisco CCNA Security**  
**Cisco CCNA Collaboration**  
**MikroTik MTCNA**  
**MikroTik MTCRE**

Communication and network engineer, working in this field since 2014, ability to give network training and ability to design, Implement, troubleshoot, and documentation of:

- Enterprise Networks in respect to routers, switches, backbone and several telecommunication network elements in terms of IP transport.
- Campus area network (CAN) technologies solutions such as routing, switching, Firewalls, QOS and Troubleshooting.

Wide area network (WAN) technologies solutions such as VPN tunnels, PPP and Frame relay.

- Wireless Network solutions such as (Microwave and radio)
- Implementing and installing suitable Servers.

And personal skills such as:

Leadership.

Project management

Working as a team.

Working under aggressive.

Self-Study

Quick Learning

**Looking forward to succeed in an environment of growth where I can learn new things and help me achieve personal as well as organizational goals.**

### EXPERIENCE

- Network Engineer at Techno-Fast Information Technology Co.
- IT Support-part time at Beauty Crown Co.
- Cisco CCNA and MikroTik MTCNA trainer at Ebdar Training Center.
- Cisco CCNA at New Horizons Training Center
- Network Engineer and Team Leader at New Vision Co.
- Network Engineer and Team Leader at Al-hadetha Company for Software and Automation
- IT Manager at Al-Ghari Foundation
- IT Engineer at Raban Alsafina Group – SIEMENS Factory.

### LANGUAGES

ARABIC (native) 

95

5

ENGLISH 

60

40

# INTERNETWORKING SKILLS

- Using network protocol models to explain the layers of communication in data networks.
- Designing and implementing a classless IP addressing scheme for a given network.
- Designing, calculating, and applying subnet masks and addresses.
- Prepare infrastructure to support advanced services.
- Builds simple Ethernet networks using routers and switches.
- Employing basic cabling and network designs to connect devices.
- Implement high availability, given a network design and a set of requirements.
- Employing perfect wireless solutions to communicate sites and devices.
- Describe the component required for network and internet communications.
- Design a network addressing plan and select a suitable routing protocol for a given network design.
- Implementing and operate the network design.
- Identifying and describe the purpose of the components in a small wireless network such as service set identification, basic service set (BSS), extended service set (ESS).
- Implementing and operating wireless controller technologies.
- Configure, verify, and troubleshoot (**Cisco, Huawei, Fortiget, MikroTik, Ubnt ...etc.**) network devices.
- Maintain and monitor network performance.
- Good knowledge about Network Security Services and Firewall Rules.
- Good knowledge about VoIP Services.
- Good knowledge about Data Center technologies.
- Using CLI commands to perform basic router and switches configuration.
- Configuring and verifying router interfaces.
- Identifying the characteristics of distance vector routing protocols.
- Demonstrating comprehensive RIP configuration skills.
- Designing and implementing a classless IP addressing scheme for a given network.
- Implement an EIGRP based solution, given a network design and a set of requirements.
- Using advance configuration commands with routers implementing EIGRP.
- Describe the basis features and concepts of link-state routing protocols.
- Implement a multi-area OSPF network, given a network design and a set of requirements.
- Describe and configure basic open shortest path first (OSPF).
- Implement an IPv6 based solution, given a network design and set of requirements.
- Configure, verify, and troubleshoot VLAN's, trunking on cisco switches, inter VLAN routing, 802.1Q, RSTP, PVST and MST.
- Implement VLAN based solution, given a network design and set of requirements.
- Explain, configure, apply, monitor and troubleshooting the access control list based on network requirement.
- Explain, configure, verify, and troubleshooting IP addressing services including network address translation (NAT) and DHCP.
- Configure and verify Multi-Protocol Layer System (MPLS).
- Configure and verify basic WAN serial connections including serial point-to-point and frame relay.
- Implement, monitor, and troubleshoot spanning tree protocol in an enterprise campus network.
- Implement, verify and troubleshoot inter-VLAN routing in an enterprise campus network.
- Implement, verify and troubleshoot Switch Virtual Interface (SVI) in an enterprise campus network.
- Implement, configure and troubleshoot L2 & L3 EtherChannel. Using MikroTik Winbox, terminal and webfig to perform basic MikroTik Router Board configuration.
- Install, reinstall or reset MikroTik RouterOS onto Router Board.

- Configure, verify, and troubleshoot DHCP server and client.
- Configure, verify, and troubleshoot Hotspot server.
- Implement, configure site to site connectivity with tunnels (IPsec, EoIP, PPTP, SSTP, and L2TP).
- Operating and linking RADIUS server.
- Configure, verify, and troubleshoot Source and Destination NAT.
- Configure, verify, and troubleshoot static and dynamic DNS server.
- Configure, verify, and troubleshoot Firewall services such as filter rules, NAT and mangle.
- Configure, verify, and troubleshoot routing protocols (Static, Dynamic).
- Implement layer-3 path control solution by linking mangle with static route.
- Manipulating Routing Updates (Implement various mechanisms for controlling routing updates and traffic)
- Configure, verify, and troubleshoot CAPS MAN technology.
- Implementing Wireless Access List and Connect List.
- Configure and verify 802.1Q trunking port
- Q in Q implementation.
- VLAN and switch chip configuration on MikroTik Router Board.

## SERVER SYSTEMS SKILLS

- Good knowledge with server hardware and give a suitable options.
- Implement, configure and operate MS Windows Server.
- Implement and configure server roles and features.
- Implement, configure and manage MS Active Directory.
- Create and manage MS group policy.
- Implement and configure MS DNS and DHCP servers.
- Implement, configure and manage MS print and File Sharing services.
- Implement, configure and manage MS DHCP, WSUS, Anti-Virus and Exchange servers.
- Implement and configure MS high availability.
- Implement and configure MS NIC Teaming.
- Implement and configure MS Hyper-V.
- Implement and configure VMware ESX server.
- Implement and configure VMware V-Center server.
- Deploy and manage virtual machines.
- Implement and configure VMware workstation and deploy VMs.
- Implement and configure Zero and thin client systems.
- Implement and configure NAS Storages.

## CLOUD SERVICES SKILLS

- Describe what the Cloud services is and the basic global infrastructure.
- Describe the key services on the AWS platform and their common use cases.
- Implement and configure AWS IAM (Identity and Access Management).
- Implement and configure S3 Simple Storage Service.
- Implement and configure EC2 Elastic Computing Cloud
- Implement and configure VPC Virtual Private Cloud.
- Using important AWS services verify cloud transformation of organization data centers such as the services at the top added to: Route53, Cloud front, API Gateway, Direct Connect, Internet Gateway, NAT, End Point...etc.