

Hassan Amjad Sheikh

Pakistan



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Summary

Multi Vendor certified like Cisco, Juniper, Huawei, McAfee, and VMWARE with 11+ years of experience designing, launching and maintaining network security infrastructure for JAZZ telecommunication. Highly proficient in Cisco, Juniper, McAfee and other vendors networking hardware and software (ASA, Firepower, WLAN controller), data security and integrity, firewall management and penetration testing (Metasploit). I have implemented Cisco security products in multinational organizations of Pakistan and worldwide as well. I have deployed Cisco secure email gateways including Cisco 9300 and 4100 series firewalls. Designed separate, logical firewalls. encrypted web traffic, gain visibility across applications, detect and block network intrusions, deployed scalable VPNs, and integrated protection against DDoS attacks. Cluster devices for performance and high availability. Deployed policies to block intrusions using Snort 3 IPS over TLS encrypted web traffic. Thwart DDoS attacks with the integrated, enterprise-grade Radware Virtual DefensePro.

Has managed various large size networks of Pakistan multinational organizations and maintained access control using RADIUS. I have 11+ years Post Qualification and 2+ Pre Qualification experience in IT/Computer Networks and Telecommunication. I have worked in different multinational organizations. I did hundred of IT projects including network design and network security.

My final year project was for RESCUE15 Pakistan and convert their manual system into voip based digital system, which helped them in reducing their paper cost and finding caller details in fast and efficient manner.

To serve in a professional, dynamic and growth oriented environment. To be a pool of highly professional and usually skilled team and professional for organization's growth and profile. I am willing to relocate anywhere inside and outside of country.

Besides this I have deployed and configured different firewalls and web application firewalls mostly Cisco in different organizations of Pakistan and worldwide countries.

Experience



Senior Cyber Security Expert/Network Security Consultant

DWP Group

Sep 2019 - Present (2 years 10 months +)

McAfee IDS/IPS NS 9100 Sensors Deployment and configurations

Network Security Policies and Design Expert

JAZZ Network and Servers Securities

ePO Installation and Management

Veeam Backup with Recovery

SDDC solutions with VMWARE.

VMware Virtual Infrastructure Deployment, Management & Administration

McAfee Email and Web Gateway configurations and deployment

Threats Analyzer and Network Threats Remediation

Network Advanced Anti malware Policies

McAfee NSM configurations Devices Troubleshooting

McAfee ePO Policy catalogue

ePO Policy assignments and tasks catalogue

ePO Server tasks

Master Repository
Clients protection from MALWARE and BOT
Firewall Catalog configs
Queries and Report
Firewall client Rules
SIEM Integration with ePO
Networks threats analyzer
Layer 7 Packet inspection
Vulnerabilities identification on daily basis
Sensor Port Inline tap span mode
OSPF routes nssa authentication and Configurations
AWS Instances Creation
AWS EBS Storage Volumes
AWS Security Configurations
EC2 Events Tags Limits Reports
AWS Elastic Beanstalk Configurations
Dell EMC Datanetworker and Domain Configs
Data Backup Security
AWS Imaging Server
AWS Load Balancing Auto Scaling Cloud Security Cloudwatch
CloudTrail Logging AWS IAM Roles
IAM Policy attachment VMWARE ESXI Deployment
VMWARE vCenter configurations and Installation
ESXI Network Managent
ESXI Network Configurations and Installations
ESXI Storage management
F5 load balancer configurations and installations
Pulse secure 7000 3000 deployment
F5 Load Balancing Configurations
Full F9 Connectivity and Deployment
Traffic Anomalies and communication detection
Detection of SMTP mail domain for mail sent from internal endpoints and comparison of the same against configured mail domains.
SSL,TLS Configurations
Penetration Testing
F5 BigIP LTM and GTM configurations
VMWARE Snapshots
Cisco AMP deployment
Cisco Next generations firewalls deployment
Cisco email gateways deployment



IT Instructor

Pakistan Ordnance Factories

Jan 2017 - Present (5 years 6 months +)

SecureX platform

Secure Access by Duo

Secure Endpoint

Secure Email

Secure Workload

Cisco Umbrella
Anyconnect (VPN)
Identity Services Engine (ISE)
Services for Security
CCNA,CCNP,MCSA,MCP,MCSE
Graphic Designing
corel Draw
Auto Cad
Microsoft Office 2003,2007,2010,2016
Database MySQL,Ms Access,
Computer Networks
Hardware Networking
Programming Languages C# .net java PHP
Data Entry Operator
VMWARE Virtualization
VMWARE Configurations and Installations
ESXI Installations and Configurations



Network and Virtualization Specialist

HAUD

Dec 2017 - Sep 2019 (1 year 10 months)

Juniper SRX 550 Firewalls configurations:

Cluster mode configurations includes:

Active/Active mode

Active/Passive mode

Juniper Firewall Policies

Juniper Firewall Zones

Firewall address book

Interfaces configurations

VPN IPSEC :

Site To Site tunnel configurations

Source Natting

Security Policies

Zones Permissions

VLANS

IP addressing

HAUD System configurations

Juniper firewall SRX 220H configurations

UBNT Edge Router

UBNT AP

CISCO Catalyst 3650 Switches configurations

VRF

IP Routing

Access List

Dell N2024 Switches configurations

PFSense Natting

SOPHOS Firewall Configuration

FIREWALL RULES

Firewall ZONES

HAUD CMPAK ZONG system integration
IPSEC SITE TO SITE TUNNEL BTW ZONG AND HAUD MALTA
ESXI
ZABBIX IMPLEMENTATION AND INSTALLATION
NMS CONFIGURATION
Cisco VRF based Routing
HAUD ZONG Routers configurations
HAUD Network Segregation
VLAN Design and implementation
HAUD Customers Network Integration
OSPF implementation on Site to Site Tunnel
Inbound and Outbound security rules on Azure Cloud
HAUD System Malta Data Centre Design and configurations
HAUD Worldwide customers site integration
HAUD Systems Singapore Network Deployment
HAUD Systems VPN Servers deployment and Configurations
HAUD system network infrastructure design
Network design, Implementation and testing
F5 Load balance configurations and installations
F5 Load Balancer Profile configurations
F5 Load Balancer Load Balance Methods configurations
VMWARE Deployment
VMWARE Migration tools
DRS Implementation and management
Install and Configure ESXi Hosts
VCenter deployment and configurations
vmware vsphere management
manage, monitor, backup to protect vcenter appliance
vcenter standard switches for virtual networks creation
virtual storage configurations for iSCSI
create and manage vmware VMFS data stores
virtual machines templates clones



Network Supervisor

COMSATS Internet Services

Feb 2018 - Feb 2019 (1 year 1 month)

500+ wireless nodes across rawalpindi and islamabad city

WIRELESS SURVEY

Preparation of Wireless Survey

Link Design

Cisco 2900 Switches

CIS Webmail Sever

MRTG management

Cacti management

UBIQUITI Wireless Devices

UBNT Power BeamM5

UBNT Rocket for long distance communication

Core Layer Routers

Distribution Layer routers management

Wireless Base Station installation at remote areas
Base Station Configuration Parameters
TP link AP installation and configuration at client side
Wireless Access Points management
Monitoring of Wireless Bases in Islamabad Rawalpindi sector
CIS Networks Monitoring
Monitoring of Core Links from different nodes in Islamabad and Rawalpindi
UBNT RocketDish M530G
MITROTIK Load Balancer
CITRIX Load Balancing and Configurations
Point-to-Point (PtP) Link
Frequency Selection, Frequency Modes: Auto, Fixed, airSelect
Point-to-Multipoint (PtMP) Link
Benchmarking and Diagnostics
RUKUS Access Points installation + Configurations
Ruckus R610 Multimedia Hotzone Wireless AP
EIRP Calculate
Unlicensed Radio Spectrum
Channel Operation
Regulatory Domains
WLAN Standards
Wireless Access Methods
Network Equipment
Wireless Technology
Coverage & Channels
TX Power
Antenna Gain
Channel Availability
etscaler Load balancing
GSLB Load balancing full Configurations
Mixed Networks
OUR CLIENTS:
HITEC University Taxilla
Beaconhouse Schools and Colleges capuses
United Nation Development Programme UNDP
Home Users
COMSATS University Islamabad
Government Of Pakistan
FBISE ISLAMABAD



IT Officer

Pakistan International Airlines

Jan 2016 - Jan 2017 (1 year 1 month)

PIA Web Servers, VPN Users

PIA Proxy Traffic, LM, Cargo spot, some other sabre apps

Sabre, SNTE, OADP,

Proxy Server

Cisco 6500 Series Routers

KVM

- HP POE Layer three routers
- 3Com Access layer switches
- Windows Server 2003
- Windows Server 2012
- Windows Server 2008
- Active Directory
- Domain Controller
- VMware
- ESxi
- Load Balancer
- Cisco ASA Appliance firewall
- EIGRP over GRE Tunnel
- Solarwinds
- VMWARE Esxi installations and configurations
- VSphere installations and configurations
- Vmotion installation and ocnfigurations
- Storage server deployment using VMFS datastores and SCSI Disk array
- VMs backup and clones
- VSphere cluster management
- ESXI HA deployment
- vSAN Switches including FC Switches configurations and upgradations
- vSAN implementation
- ESXi cluster for different sites



Network Engineer

College of Medicine, Majmaah University

Jan 2015 - Dec 2015 (1 year)

- Establishing networking environment
- Designing system configuration
- Directing system installation
- Defining, documenting, and enforcing system standards
- Design and implementation of new solutions
- Improving resilience of the current environment.
- Routing between university campuses
- OSPF, EIGRP and BGP configurations on different sites
- Layer 3 Switches configurations
- MPLS Deployment



Network Assistant

National University of Sciences and Technology (NUST)

Jan 2013 - Jan 2015 (2 years 1 month)

- Cisco 5500, 4400, 5508 wlan controller configuration and troubleshooting.
- Cisco aeronet AP installation and initial connectivity with controller.
- Cisco AIR LAP outdoor mesh access point's management.
- Layer 3 protocols OSPF, RIP, IS-IS, Rip peers
- KVM
- HP POE Layer three routers
- 3Com Access layer switches

Windows Server 2003
Windows Server 2012
Windows Server 2008
Active Directory
Domain Controller
Cisco Aeronet 1000 Series Access Point in Autonomous Mode
Cisco Air Mesh Access Point installation, configuration and Troubleshooting
NUST HQ Hostels internet management and troubleshooting
NUST HQ Distribution Network configurations
ACCESS DISTRIBUTION and Core Layer config and design
DMZ configurations and management
Huawei s3700 layer 3 switch configurations and installations



Resident Engineer

Interactive Group Of Companies

Jan 2012 - Jan 2013 (1 year 1 month)

Juniper EX3200 switch configuratios

Sun System operating system management.

Application monitoring and troubleshooting

CMH MH Hospitals network implementation

Design of Network core layer and distribution

Layer three switches deployments



Network Administrator

Pakistan Broadcasting Corporation

Feb 2011 - Mar 2012 (1 year 2 months)

Network management and deployment.

Developing strategy,

Media Selection

Promotion concepts

Execution and monitoring of network devices

Network administrator for a Windows 2012 server environment with 50+ servers. Managed all Cisco equipment and appliances.

Implemented MAC address filtering and VLANs to lower vulnerabilities by 35%.

Improved network performance 20% through monitoring and app prioritization.

Wrote scripts to create automatic updating procedure for all key system components. Recouped 10% of administrator work time.



Network Administrator

University of Engineering and Technology, Taxila

Jan 2011 - Mar 2012 (1 year 3 months)

Network design for UET Taxilla departments

Wireless and Wired networking design and implementation

VLAN configurations for each department

Segregation of data traffic for each university department

Centralized management of devices from data center

Domain controller deployment and implementation

Active directory configs
Layer 3 routing between campus networks



Network Engineer

micronet

Jan 2003 - Jan 2005 (2 years 1 month)

- Dialup internet service for remote client.
- Windows 2000 Users accounts management.
- Internet monitoring and troubleshooting.

Education



COMSATS University Islamabad

Bachelor's degree, BS Telecom And Networks



Rise And Shine Public School Wah Cantt

SSC, science

1999 - 2000



Cisco Networking Academy

CCNP Routing And Switching, networks



Cisco Networking Academy

CCNA Routing And Switching, Networks



Gandhara Public school And college Gudwal Wah Cantt

HSSC, Pre Engineering

IU Iqra University (Official)

MS Telecom And Networks, Networks



National University of Sciences and Technology (NUST)

CCNA , Computer Systems Networking and Telecommunications



National University of Sciences and Technology (NUST)

microsoft certified professional

Licenses & Certifications



CCNA R and S - Cisco

Issued Feb 2015 - Expires Sep 2016

CSCO11649684



Cisco Certified Network Professional Routing and Switching (CCNP-RS) - Cisco

Issued Apr 2016 - Expires Aug 2017

CSCO11847014



Microsoft Certified Professional (MCP) - Microsoft

Issued Apr 2014 - Expires Apr 2015

E738-0388



Cisco Certified Network Associate Routing and Switching (CCNA) - UET Taxila



CCNP - UET Taxila



Microsoft Certified Solutions Associate (MCSA) - Technology Net Alliance



Cisco Certified Network Associate Routing and Switching (CCNA) - Cisco

CSCO51346543



Cisco Certified Network Professional Routing and Switching (CCNP-RS) - Cisco

CSCO532465543



Huawei Certified Internetwork Expert HCIE - Huawei

Issued Jan 2018 - Expires Oct 2018

0103220101623806454531409



Network Security Associate NSE2

4h5Pupuz7R1



Microsoft Certified Systems Administrator: Data Engineering with Azure -

Microsoft

Issued Dec 2019 - Expires Dec 2021

H236-791



Juniper Networks Certified Associate - Junos (JNCIA-Junos) - Juniper Networks

C6RWEJP59JQE14



Data Center Facility Deployment - Huawei

010201403623808032543323



Juniper Networks Certified Associate - Junos (JNCIA-Junos) - Juniper Networks

RGZQWVYSWFREQXGR



Cisco Certified Network Professional Security (CCNP-S) - Cisco Networking

Academy

CSCO12063597



Certified Information Security Manager (CISM) - ISACA

11174321



McAfee Network Security Platform - McAfee Enterprise

eNSP041/Mc/2021/ffdcuuth3



VMware Certified Professional 5 - Data Center Virtualization (VCP5-DCV) -

VMware

7932395-1302E-5616105-FF00029



VMware Certified Associate - Data Center Virtualization (VCA-DCV) - VMware

11555808-BFBE-8879F76C4E70



Cisco Certified Network Professional Security (CCNP-S) - Cisco

Issued Mar 2021 - Expires Mar 2024



Amazon Web Services Solutions Architect - Professional - Amazon Web Services (AWS)

Issued Jul 2021 - Expires Jul 2024

Skills

Routers • Network Switches • Open Shortest Path First (OSPF) • Network Administration • VLAN • Networking • Wireless Technologies • EIGRP • ccna • mcp