

HADI KHAN

Security & Infrastructure Engineer · Hybrid Cloud & On-Premises

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PROFESSIONAL SUMMARY

Security and infrastructure engineer with 7+ years designing, deploying and hardening hybrid environments spanning Microsoft Azure and on-premises data centres. Hands-on across cloud architecture, Fortinet security fabric, Active Directory, virtualization, enterprise networking, backup and high availability — delivered end to end from greenfield design through hardening, recovery and documentation.

CORE COMPETENCIES

Cloud & Identity

Microsoft Azure (IaaS/PaaS), Microsoft Entra ID, Azure Backup, Azure Site Recovery, Azure Files, Blob Storage, Microsoft 365, Azure cost optimization

Network Security

FortiGate, FortiManager, FortiAnalyzer, FortiSASE, FortiAuthenticator, FortiNAC, SSL/IPsec VPN, SD-WAN, SAML SSO, LDAP / AD integration

Virtualization & HA

VMware vSphere, Hyper-V, Failover Clustering, Veeam Backup & Replication, iSCSI, SAN storage

Windows & Directory

Windows Server, Active Directory Domain Services, multi-site replication, DNS, DHCP, Group Policy

Network Infrastructure

Multi-VLAN segmentation, Aruba CX, FortiSwitch, distributed networks, granular access design

Security Hardening

CIS Benchmarks, Active Directory hardening, FortiGate security audits, remediation and security recommendations

PROFESSIONAL EXPERIENCE

CADD Emirates

Jul 2022 – Present

Azure Cloud & Network Administrator · Dubai, UAE

- Administer Azure infrastructure across IaaS and PaaS workloads including compute, storage, networking, backup and site recovery.
- Achieved an estimated 20% reduction in Azure spend through right-sizing and cost governance.
- Onboarded nine FortiGate sites under centralised FortiManager control with device authorization, ADOM management and documented sync workflow.
- Deployed FortiSASE with SAML SSO integrated to Microsoft Entra ID for cloud-delivered secure access.
- Designed and delivered greenfield multi-VLAN network infrastructure using Aruba CX and FortiSwitch.
- Built Windows Server environments from scratch with AD DS, multi-site replication, DNS and DHCP.
- Applied CIS Benchmark controls and Active Directory domain hardening across multi-site environments.
- Maintained hybrid backup and high availability using Veeam, Hyper-V, VMware and Azure.
- Reduced manual operational effort by an estimated 30% through PowerShell automation.
- Maintained 99.9% service availability across supported production infrastructure.

Luxury Property

Jan 2022 – Jun 2022

IT Support Engineer · Dubai, UAE

- Delivered end-user and infrastructure support across the business.
- Administered Microsoft 365 services, accounts and licensing.
- Managed endpoint services, device provisioning and configuration.
- Supported network services and day-to-day connectivity.
- Maintained a 90% customer satisfaction rating.

- Led a VMware virtualization initiative that reduced the physical server footprint by 77%.
- Migrated 100+ users from G Suite to Microsoft 365.
- Redesigned backup and recovery processes, reducing disaster recovery time from 48 hours to five hours.
- Provided infrastructure and end-user support across the organisation.

SELECTED PROJECTS

Multi-Site FortiManager Onboarding

Nine FortiGate sites onboarded under centralised FortiManager control in a hub-and-spoke topology, covering device authorization, ADOM management, sync workflow and formal SOP documentation.

FortiSASE Rollout with SAML SSO

Cloud-delivered secure access deployed with SAML single sign-on federated to Microsoft Entra ID and group-based access policy.

Multi-Site AD Domain Hardening

CIS Benchmark controls applied across infrastructure servers and Active Directory domain hardening performed across the hotel sites of a regional hospitality group operating in four UAE emirates.

FortiGate Firewall Security Audit

Firewall configurations assessed across the multiple sites of a government entity, producing structured, prioritised hardening recommendations.

Greenfield Multi-VLAN Network Design

Distributed network designed with multi-VLAN segmentation and granular access control on Aruba CX and FortiSwitch.

Multi-Site Active Directory & Core Services

Greenfield Windows Server environment with AD DS, multi-site replication, DNS and DHCP.

Hybrid Backup & High Availability

Backup and high availability maintained across Veeam, Hyper-V, VMware and Azure, supporting 99.9% service availability.

FortiAnalyzer Log Retention Remediation

Log retention and storage allocation realigned to meet the required retention window within available capacity.

Azure Files & File Sync Redesign

Hybrid storage topology redesigned around Azure Files and Azure File Sync.

Infrastructure Resilience & Recovery

High availability remediation, Hyper-V virtual-switch recovery and iSCSI storage troubleshooting.

CERTIFICATIONS

Certified: Microsoft AZ-104 Azure Administrator; AZ-700 Azure Network Engineer Associate; AZ-140 Azure Virtual Desktop Specialty; SC-300 Identity and Access Administrator; AI-102 Azure AI Engineer Associate; AI-900 Azure AI Fundamentals; Fortinet Certified Professional (FCP); Cisco CCNA; ISC2 Certified in Cybersecurity (CC); AWS Solutions Architect – Associate (SAA-C03).

In progress: AZ-500 Azure Security Engineer Associate; SC-200 Security Operations Analyst.

EDUCATION

B.S. Computer Science · Lahore Garrison University

Lahore, Pakistan

2017