Abdi Elmi

Professional Certifications   **elmiab@hotmail.com** Mob:07393534108

JNCIP-SP/ JNCIP-DC AWS Certified Solution Architect-Associated
Currently Prep: Microsoft Azure Architect exams: AZ-300/301

- Good Cloud Technology and Architectures (AWS Cloud/MS AZURE) understanding (hybrid cloud architect/connectivity, Fault Tolerance and High Availability, Disaster Recovery, VPC connectivity options and cloud security/ Cloud platform (PaaS/IaaS/SaaS).
- Good practical experience in 3/4G LTE and 5G design & deployment in major Telecom Providers
- Working with Enterprise Customers (Gov and Private Sector) for network and security solutions
- Technical and very good understanding of IP/MPLS technologies (BGP/ L3VPN/VPLS)
- Excellent understanding of Security Solutions Architect and design in Multi-Vendors environment.
- Very good Telecom SDN/NFV and DC (EVPN, VxLAN/VTEP) technologies understanding and experience
- Excellent knowledge and experience of Mobile Network IP/MPLS and Telecom technologies 3/4 LTE/5G infrastructure design, transitions, inter-vendors Interoperate and integration with Telecom vendors Cisco, Huawei, Nokia, Ericsson and Affirmed

Nationality

British

Education

Hertfordshire University: BEng (Hon's) Electrical and Electronics Eng.

Juniper Network   Professional Service

2015-Nov 2019	**Solution Architect: IP MPLS/Mobility**	**EMEA**
May 2008 – 2014	**Senior Security Consultant**	**EMEA**

Projects:

- **5G IP design and integration with existing Core Mobile Network**
- **Mobile broadband IP design and deployment**
- **Mobile Core IP/MPLS migration to Juniper MPLS**
- **3/4G LTE and 5G Mobile Core Network IP Design and IGW Redundancy**
- **Telecom Cloud/ IP Fabric Data Centre**
- **International Roaming (GRX/4G "IPX")/LTE Diameter and MNVO Design**
- **Complex network solution design and implementation**
- **Voice IPX (international), Femtocell and LTE Hybrid Access Network**
- **Telecom Cloud/ IP Fabric Data Centre**
- **Telecom SDN/NFV pilot, IoT Ericsson DCP (Devices Connection Platform)**

- Analyzing and gathering customers Mobile Network requirements and translating them into right solution and producing relevant HLD and LLD design documents
- Working in large complex technical environments with different departments, vendors and services.
- AWS/Azure console workload experiment" designing and implementation
- Helping small business/friends cloud migration/deployment (part-time) bases
- 3G/4G LTE/5G MPLS MBGP-VPN and Access/Aggregation Backhaul design
- Telecom cloud/Data Centre IP Fabric design
- Migration of legacy Mobile Network to IP/MPLS L3VPN
- Excellent consultancy, customer facing and problem-solving skills gained through many years of working as a consultant
- Dealing with conflicting technical solutions and proposing appropriate solution

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- o Securing Core Mobile Network by segregating application/Services and traffic types using security/vrouter virtualization and L3-VPN MPLS.
- o Reviewing and analysis internal and 3 party projects for any possible risks "customer impact/security risks" and planning risk mitigation.
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Jan 2006-Apr 2008	Vodafone UK: **Security Analyst**	**Contract**

- o Analyzing all security/design requests and 3RD party connections into Vodafone UK Corporate/Mobile and Enterprise Network consisting multiple domains and vendor technology
- o Verifying all security/design requests comply with Vodafone UK Network security policies and guidelines
- o Analyzing apps/protocols risk and allocating to Security zone based on application risk level during VF Data center migration process.
- o Security reviewing and approving of Vodafone UK Data Centre Migration and recommending alternative solution where there are security risks
- o Assessing internal VF network design solution to making sure there are no risk to Vodafone UK network

Mar 2005-Sept 2005	British Telecom Global Service: **Network/Security Engineer**	**Contract**

- o Implementing and designing Web Servers and ISP load balancing for Ministry Defense Intranet network
- o Penetration testing of the network against attacks and hacking
- o Planning and design remote VPN for 3rd party partners access
- o Planning Security Policy and Firewall Design
- o Technical troubleshooting and project documenting for support handover

Oct 2004-Jan 2005	VANCO Plc-SP: **Security Consultant**	**Contract**

- o Providing consultancy and designing secure extranet VPN solution for "Volvo/Ford" PAN European dealer's offices, utilizing Juniper and Cisco products.
- o Implementing secure VPN solution for Volvo/Ford Dealers and connecting dealer's to Volvo/Ford European Extranet backbone network in UK
- o Implementing, planning and managing Firewall security policies

Mar 2000-Aug 2004	Cable & Wireless: **Senior Network/Security Engineer**	

- o Providing network /security consultancy to our clients:

Banks, Financial/Enterprise sector, Telecom Providers, Hosting Centre and SBM.