**Resume**

***Name:*** Anthony Freeman

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***Availability:-*** Immediately

I am a Network and Security Engineer with Enterprise level Design, support and management experience.

This experience covers Insurance, telecommunications, engineering, banking and construction sectors.

I have worked within ITIL and Prince frameworks.

My personal style is such that I integrate quickly into any environment.

Experience in Network Architecture/Design, Support, Network Management, WAN/LAN, WLAN, Security, Firewalls, WAF, Wireless LAN, Load Balancers and Systems performance and analysis using:-

Cisco IOS on:-

Cisco Routing on:- 1800, 2800, 2900,3600, 3900, 7200

Cisco Switches, 3750, 3850 (inc stacks), 4000 series, 6500 series (inc VSS).

Cisco ASA 5500 inc X and FWSM Modules (6500)

Cisco Nexus 7010, 5020, 5596, 2248 in NXOS

Cisco Wireless LAN/WAN (AP,s WLC, WLS)

Cisco ACS, Cisco ISE

Cisco NXOS, ACI on 9508, 9396,APIC

Checkpoint R65-75 UTM1 edge, IP397 and 697, Gaia on R76/77

Juniper SSG series and Netgear SRX Firewall systems,

Windows Active Directory

AD Federated services.

Imperva WAF design configuration and support.

HP Aruba 2930 Switches, Aruba 7220, Aruba CPPM

Avaya IPT (Aura CM and Site Admin).

Ironport and Websense.

F5 LTM

# Qualifications Additional Training

ITIL V3 Foundation Implementing/Configuring Cisco Nexus Switches

CCDP Certified Cisco Design Professional Wireshark Protocol Analysis

CCNP Certified Cisco Network Professional CCSA Checkpoint Certified Administrator

CCIP Certified Cisco Internetwork Professional Windows server 70-647

Cisco Advanced Security Appliance (ASA) Imperva 8.0 Admin/DBF/FAM/WAF.

Prince 2 Qualified Project Practitioner

ISEB qualified IT Project Manager

APM qualified Project Manager

## Work Experience

# Senior Network and Security Engineer (Contract commenced August 2014 to Sept 2019)

# AdminRe/Reassure

This re-engagement with Adminre/Reassure has been driven by the requirement for a high level engineer who will deliver a large SIEM migration (MacAfee, Splunk) into the business with minimal if any impact, utilising existing Checkpoint and Cisco ASA x systems..

The requirement was to provide connectivity to a new provider, segmentation of DMZ and Back Office infrastructure and segregation of the network to Splunk Forwarders.

I was involved in providing the network design, the high and low-level requirements/test plans and migration plans such that the services remain up across the globe.

Additional project work relates to defining the address space, diverse routing and VRF configuration behaviour between the operational sites and the Data Centres, including BGP/VRF and QoS configuration for required services across the WAN and LAN switch designs for tier 1,2 and 3 offices.

Additionally, I have resourced to projects delivering: - Data centre migration (NX OS to ACI), Site LAN refresh, MacAfee IDS Migration, Server to DC migration, Cisco ACS to F5 migration, Solar winds to Windows 2016 server migration, Cisco ACS to ISE migration.

# Senior Network and Voice Consultant (Contract commenced October 2013 to August 2014)

# Lafarge Group

Providing Network and Security project lead (Video and Data Network) Team.

Technical lead on:-

Enterprise 'Migration to Cloud', 4000 seats, 400 servers, significant cost savings.

Network infrastructure upgrade (3 WAN providers to one)

Firewall infrastructure upgrade. (Cisco ASA and Checkpoint GAIA)

Data centre consolidation. (3 data centres to single co-location)

Key site hardware refresh and operational acceptance using to HP Aruba 2930 Switches, Aruba 7220, Aruba CPPM

# Senior Network and Security Architect (Contract commenced August 2011 to May 2013)

# AdminRe

Providing predominantly project resource (80% project 20% 3rd line) for the AdminRe IT divisions remit, Including the design and delivery of a new MPLS network allowing resource sharing between AdminRe and SwissRe, design and configuration of AD federated services to third party, MPLS design, Cisco ASA, Citrix Access gateways, Checkpoint FW1 on Nokia and IP hardware, Cisco Load balancing, Imperva Web Content security (WAF), Riverbed Steelhead Accelerators, Cisco Ironport, Cisco IOS and device hardening on Cisco and Checkpoint Firewalls and Router/switch IOS.

Operations support on the AdminRe network, troubleshooting 3rd level faults on Cisco Catalyst 6500VSS, 4500, 4500X, 3750, Checkpoint R71/75 and Gaia, Citrix CAG, F5 LTM, Cisco IP Telephony (Call Manager, Cisco IPCC Enterprise, SRST), Splunk analysis.

As required, 3rd Line support for all network, security, VPN, Load balancing and server VMware performance issues impacting operations or project delivery, extensive use of Wireshark protocol analysis for performance issues.

# Senior Network Design Engineer/Team Lead(Contract/permanent commenced March 2004 to July 2011)

# 3i Group PLC

Technical Design Lead/ 3rd level support and Project Manager on a diverse spread of business critical network projects, the role required a high level of troubleshooting ability, allied to design experience and responsibility for a number of critical projects including:-

Scope and requirements definition, delivery and management of the 3i network management solution comprising :- HP Openview, Solarwinds, AD integration for all single sign on, NPM, Netflow integration.

WAN acceleration evaluation and implementation project resulting in the use of the WAN accelerators specific to the 3iPLC business protocol mix. This subsequently drove over 60% (over £3M reduction in WAN costs over 3 years.

Survey, design, configuration and implementation of head and remote office Wi-Fi solution using Cisco WLC managed by a centralised Cisco Works Wireless LAN Solution Engine (WLSE).

Network engineer lead for the LAN/Avaya IPT/Videoconferencing/Wireless and Security hardware and IP address migration of 3i’s head office in London (750 users).

Network engineer Technical lead for a number of 3rd party ‘untrusted’ MPLS and Avaya VOIP solutions (India, China).

Network Technical lead and design authority for a global MPLS and company wide network refresh (Cisco 3750/6500) including IP address space redesign.

Network Technical lead and design authority for the companies Data centre (Cisco Catalyst 6500 Virtual Switching System 1440) relocation.

Responsible for any level 3 support calls covering the entire 3i global network (Cisco 2950/3600/3750/4500/6500, HP Procurve 9304m/2100, Cisco ASA/Wireless controllers/Avaya IPT/ VOIP Performance/Checkpoint Firewall 1/Bluecoat/Big IP F5.

DR site design and build using HP 6500/7500, Cisco Catalyst and Checkpoint Nokia platforms.

# Senior Network Engineer (Contract commenced June 2002 to March 2004)

# Crown Castle International (formerly the BBC Transmission service)

Technical support, design and project responsibility for the Crown Castle LAN and WAN Infrastructure using Cisco Catalyst switches, Checkpoint FW1, ISDN and IP VPNs.

Implemented a remote access solution providing VPN and RAS connectivity for the entire workforce of the BBC transmissions division.

Project management and technical lead for the delivery of HP Openview NNM and HPOV Operations, interlocking with with BMC patrol providing automatic and intelligent alarms on 20 Operational (manned sites) and over 2000 transmission sites (BBC Achievement Award winning solution).

# Network Operations Manager (Contract commenced May 2000 to August 2002)

# Powergen PLC

Troubleshooting/fault resolution and design on the Powergen WAN using:-Eigrp, BGP, OSPF, RIP(1,2) IP, IPX, Decnet, LAT, SNA, HDLC, ATM, Cisco routers (7500,4000, 2500,1600), Stratacom IGX Switches, Bay 5000, 400, 300 infrastructure, Bay ATM backbone switch’s.

Redsesign and delivery of Trading floor network based on Cisco 4500 Catalyst switches.

Responsibility for Windows NT and 2000 based network server systems. Considerable troubleshooting exposure using Network General Sniffer and a variety of network monitoring systems.

SDH troubleshooting and support (Nokia)

# Network Comms Engineer (Contract commenced May 1999 to May 2000)

# Cable and Wireless

Troubleshooting/fault resolution and design support on:- IP, IPX, Appletalk, Decnet, LAT, SNA, HDLC, ATM, Cisco routers (7500,4000), Cabletron 9000/6000 infrastructure, Fore ATM switch’s, Dec servers/Brouters. Troubleshooting primarily using SNMP monitoring and Network General Sniffer, implementation of VLAN’s.

# Network Infrastructure Team leader (LAN/WAN), (Commenced May 1997 to May1999)

# Volvo IT GB Ltd

Responsible or a team of 5 engineers, vendor/supplier management, network budget management. Operational management of the network delivering ongoing services to clients and sites across Europe.

Operational responsibility for all of VIT’s WAN and core network LAN sites in the UK and Eire, this role involved:-

Designed, developed and implemented an upgrade of the LAN infrastructure to Cisco switched network across 14 sites and 2000 users, to scope, time and budget.

Network Management (SNMP/RMON based), design, configuration and reporting using a variety of software tools, specifically:-

Spectrum Enterprise

Spectrum Element Manager

Tivoli IT Director

MRTG (Multi router traffic grapher)

A variety of third party tools.

Configuration/troubleshooting/resolution and design of VIT’s Cisco Routed WAN, TCP/IP, IPX,SNA, Frame, ISDN, X25, Kilostream, HDLC, PPP. Using Cisco 1600/2500/3600/4000/5200(RAS) series routers.

Configuration/troubleshooting/resolution and design of VIT’s Cisco/ Cabletron/ 3Com Switched LAN’s (14 core, 120 dealerships), Ethernet, Token Ring, FDDI. Using Cisco 1900/2900 switches, Cabletron, 6000 series chassis and a variety of hubs and switches.

Layer 1, 2 and 3 troubleshooting using Fluke Lanmeter series, NetWare Lanalyser and Network General’s Sniffer.

Planning and design of VIT’s UK IP addressing structure (VLSM) including VLAN design and implementation.

Configuration, rollout and troubleshooting of VIT’s DNS and DHCP solution using Windows NT based systems.

Dealership Planning/roll-out and ongoing support using Cisco and 3Com equipment to Windows 95 and NT 4 based LAN’s

Reporting to Customers and VITGB board on SLA and Performance issues.

# Network systems Administrator

# Dennis Eagle Specialist Vehicles (Commenced Jan 1995 to May1997)

Administration/ management and fault resolution on all of DE’s Netware 3.12 (IPX) and Windows NT 4 LAN. Design and installation of WAN connecting LAN’s (4 sites), over Kilostream and ISDN links using Bay/Cisco routers. using NetWare 3.12, Windows NT 3.12/4 and Windows 95.

3rd line network and firewall support, responsible for break fix and project support on all DE sites across the central UK.

Specification and building of DE’s site server’s and peripheral devices.

Ongoing daily user support and troubleshooting, both hardware and software on Win 3.11, Windows 95 and NT 4 and Apple.

# Degree Student

Electronic Engineering Bsc, Coventry University, (June 93 to July 96)

# Branch Sales Manager

Allied Dunbar, Financial management advisory division (pre June 92, Duration 4 years).

**Education**

**Coventry University 1992-95**

2nd year B.Sc. Honours Degree, Electrical & Electronic Engineering, specialisation: Logic/Microprocessor systems

Advanced Communications & Networking.