**Mark Rothery**

28 New North Road Tel: 07801 885296

Slaithwaite E-Mail: [mark.rothery@ababoo.co.uk](mailto:mark.rothery@ababoo.co.uk)

Huddersfield

HD7 5BW

**Profile**

I am a Network Infrastructure and Support Engineer with 20 years commercial experience, mainly with Cisco, HP & Microsoft. I have worked on different network technologies in a secure networked environment. My skills range from Systems/Network Administration and installation, coupled with excellent people management and strong client facing skills. I’m self-motivated with the ability to work alone or in a team and meet deadlines.

**Technical Skills**

**Switching** – Highly experienced in configuring and troubleshooting Cisco & HPE switches and switching technologies such as VLANs, VTP, STP, HSRP and Ether Channel. HP A & E Series Switches. Juniper switches.

**Routing** – Experienced in configuring, maintaining and troubleshooting Cisco routers and routing protocols OSPF, EIGRP and MPLS.

**Multilayer Switching** – Experience in configuring, maintaining and troubleshooting layer 3 switching, inter-VLAN routing

**WAN Acceleration** – Experienced in configuring Riverbed WAN accelerators including steelheads and CMC.

**Wireless** – Experienced in configuring, maintaining and troubleshooting Cisco & Aruba wireless devices (lightweight and autonomous).

**Security** – Cisco ASA 5505

F5 BIG-IP LTM, Cisco IOS/CatOS, Nexus, GSS, TCP/IP, IP Addressing, DHCP, TFTP Server, Technical Support and End User Support.

**Software:** CA Spectrum One Click Console Management Software (SNMP), Solar Winds, Cisco ACS TACACS, DHCP, DNS, Windows NT, Windows 7, XP, Windows 9x, Exchange 5.5, Office 2000–10, Remedy, Digital Workflow, Vantive, Visio, Service Manager 9.

**Professional Experience**

**Prodec Networks**  **September 2018 – January 2019**

Supporting XPO Logistics UK network

* Supporting BAU incidents and requests
* 200 sites supporting Juniper Switches, HP Switches & Cisco switches
* Aruba Wi-Fi controllers and AP’s
* Peplink Routers
* Solarwinds

**Rotherham, Doncaster and South Humber NHS**  **April 2018 – July 2018**

Identifying devices that need migrating to the IoT and migrating to new network when required

* Carry out site visits and liaise with occupying services
* Interpret switch output (mac address lookups etc)
* Cable tracing
* Identify switch ports and wall sockets used by the devices
* Switch capacity planning (check ports/take pictures etc)
* Define current usage and requirements
* Record what the device is and what it is used for
* Is it connected to a PC /does it need connecting to the internet/could it be used on Wi-Fi?
* Who uses it / who needs access to it?
* Liaise with suppliers
* Record all information in project spread sheets

**Trinity Academy**  **December** **2016 –February 2017**

Network Infrastructure Engineer

Short term contract upgrading and supporting Procurve LAN switches. HPE 5406-zl, 2910al-48G & 2920 switch stacks.

Main responsibilities include:

* Configuring VLANs and VRRP
* Upgrading firmware
* Monitoring HP Procurve manager and configuring SNMP

• Supporting BAU incident tickets and requests

* Working with technical Colleagues providing advice and support

**Dimension Data – HSBC**  **May** **2016 – October 2016**

Network Support

Project work supporting new server commissions and services in data centres.

Main responsibilities include:

* Configuring Cisco Nexus switches for server access
* GSS and F5 configuration for new services and DNS

**Harrogate and District NHS Foundation Trust**  **February** **2016 - March 2016**

Network/Roll-out Engineer

Short term contract visiting various sites to install pre-configured VPN, new switches, access points, laptops and VOIP.

Main responsibilities include:

* Configure and install Cisco switches
* Install Cisco ASA 5505
* Roll out VOIP phones.
* Install Laptops and help users.

**Hewlett Packard – Secure Network Management Centre** **June 2006 - November 2015**

Network Support Engineer

MOJ and MOD SC cleared member of the network operations team, supporting various secure government and private sector accounts to ITIL standards up to 3rd line support to manage multiple sites. Troubleshooting HP Procurve, H3C switches and mixed networks with Cisco technologies. Liaising with customers and network providers (up to 3rd line) to identify and rectify network problems as quickly and to agreed service level agreements.

Supporting Public and Private sector clients managing 5000 network devices.

Main responsibilities include:

* Delivering specialist projects and providing leveraged support across multiple accounts.
* Configuring SNMP management systems and modelling devices within these systems.
* Reacting to alarms from the management systems and solving these issues as quickly as possible (within the SLA).
* Providing scripts and support for field engineers for rollouts and new installs.
* Supporting BAU incident tickets and requests
* Managing of Cisco ACS Server and configuring TACACS+.
* Redesigning sites to improve network efficiency.
* Remote take on and configuration of layer 3 core switches at over 100 sites.
* Monitoring networks (LAN and WAN) and managing network devices using CA Spectrum One-Click Console.

**Electronic Data Systems July 2004 – May 2006** Network Support Engineer

Provided supported for one of the UKs largest networks (Department for Work and Pensions).

Due to the scale of the network I had various responsibilities to carry out, dealing with everyday network faults on remedy to supporting engineers replacing equipment out on site.

• Patching floor points and updating patching records for 600 users

• Monitoring all operational data networks using appropriate tools

• Investigate and diagnose network faults

• Supporting BAU incident tickets and requests

• Reporting and progressing faults with relevant maintenance contractors

• Allocation of IP addresses and updating router access lists

• Back up ISDN testing and maintenance

• Configuration and support to engineers replacing switches and routers

• Liaison with customers and suppliers to resolve issues

• Visiting job centres and re-cabling the network cabinets, switch to patch panel

**HBOS (Edinburgh) April 2004 – June 2004**

Data Migration Analyst

Decommission 8 remaining servers and migrate the entire data onto 2 active directory central SAN servers. Liaising with various departments to discuss permissions and folder restructuring before migration.

**HBOS (Bradford) Jan 2004 – April 2004**

Desktop Support

Help desk support dealing with every day requests for user access and e-mail accounts.

Working from a queue based request system dealing with over 10,000 users across 10 domains nationwide.

**HBOS (Edinburgh) June 2003 – Nov 2003**

Data Migration Analyst

Data analyst working in a team responsible for the transfer of data and user profiles onto a new domain on 2 central servers for Business Banking Sector. Analysing department data and profiles during the working week preparing to migrate and restructure over the weekend period ready for the users to login on Monday morning. In total 800 users.

**Siemens Network Systems & Azlan May 2000 – May 2003**

Network Engineer

Onsite engineer at EDS for Siemens Network System and then Azlan working with EDS staff to maintain a reliable network which consisted of 1000 sites nationally and over 20,000 users.

• Control and distribution of network hardware, configuration and installation work.

• Monitoring all operational data networks using appropriate tools to identify, investigate and resolve issues.

• Logging faults for hardware and supporting engineers replacing equipment out on site.

• Allocation of IP addresses and updating router access lists.

• Patching floor points and updating patching records for 1000 users.

• Working with 1st and 2nd line support and other expert domains in problem resolving.

• Providing support to engineers on site rolling out Cisco routers and switches across the whole network.

• Supporting BAU incident tickets and requests

**Siemens Network Systems May 1999 – May 2000**

PC and Small Site Solution Engineer

Worked has an engineer installing additional equipment in job centres throughout the UK and complete new site rollout including small site solution on very high profile projects, working alone and within a team. Daily installation of routers, switches, workstations and printers delivering all equipment to site and setting up ready for end users.

**Office Operations Euroworld Freight / Ken Taylor Transport 1987 – 1999**

Working in a small office for a freight company, duties included general PC support and paperwork for freight.

Main Responsibilities:

Maintenance for 10 workstations and user support

* Design and implementation of company web site.
* Workstation hardware and software installation and configuration.

**Education & Qualifications**

O-Level or Equivalent: Mathematics, English Literature, English Language, Physics, Art & Design, Tech Drawing, History

Full UK Driving License,