**Babar Raees**

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Nationality: British

Licence: Full UK (Clean) Licence & have my own car

Marital Status: Married

**Personal Statement**

I am an ITIL certified hardworking and self-motivated person who works well alone & in a team. I have over 10 years’ experience working in the technology sector. I have a vast array of IT skills, essential for a job in networking. I have excellent communication skills and am able to prioritise key issues. I work well under pressure and thrive on taking on new challenges. I am always looking to furnish my skills by keeping up-to-date in new technology’s, and obtaining further networking certifications.

**Certifications**

**CCNP (Routing and Switching) JNCIA-Junos PALO ALTO ACE**

**CCNA**

Cisco Juniper Networks Palo Alto

**Key Skills**

I have a variety of networking knowledge. I am CCNP, CCNA, PALO ALTO and JNCIA certified and believe I am well versed in lots of networking technologies. I have had lots of hands on experience with Cisco and Juniper equipment, such as setting up switches and routers within a network, troubleshooting network issues & integrating new technologies to the network. I have gained knowledge on multiple network monitoring tools such as Netflow analyser, ZenOSS, Nagios and Cacti. I have a good knowledge of IP routing protocols: OSPF, IS-IS, EIGRP and BGP and have extensive knowledge of the OSI Model and the TCP/IP protocol suite. I have experience with the following network hardware and software;

* Cisco routers: 800 / 1800 / 2600 / 2800 / 4500 / 6509
* Cisco switches: C2950 / C2960 / C3560 / C3750 / 4948 / C6500
* Juniper Networks Routers and switches: Ex4200 / MX960
* Huawei Network Equipment: NE40, 3528, 5328
* Huawei MSAN’s and DSLAM’s
* Erricsson Redbacks: SE100, SE800
* Sonicwall and ASA 5515, 5505

Proven Experience with:

* Configuring, Testing and Troubleshooting Cisco and Juniper hardware
* Working on new network designs and creating network documents
* NAT/PAT
* VLANs / STP / RSTP / Etherchannel (Layer 2 and Layer 3)
* IS-IS/EIGRP/OSPF/BGP (EBGP and IBGP)/RIP
* HSRP/VRRP
* Multicast
* MPLS
* VPLS
* L2VPN/L3VPN
* DNS and DHCP
* Windows Server 2000, 2003,Exchange Server 2000 Support and Maintenance

**Employment**

**IP Access Network Engineer TalkTalk PLC**

Oct 2016 – Present

* Undertaking new works associated with the Access Network including but not limited to TalkTalk's MSAN, DSLAM, Cisco, Juniper, Huawei, Ericsson SmartEdge estate.
* Troubleshooting and Configuring the Access Network using technologies such as Layer 2 Switching and Layer 3 Routing. A good understanding of the following protocols OSPF, ISIS, BGP, Spanning Tree, VRRP, L2VPN, L3VPN, QoS, MPLS, PPP, DHCP, BNG, BRAS.
* Working with new technology expanding and improving TalkTalk's Access Network.
* Completing Network Optimisation, Capacity and Software upgrade activities.
* Cooperating with Field Engineering providing remote support and provisioning of TalkTalk's Access Network.
* Managing projects to ensure that network changes are implemented in line with defined change management procedures, with minimal interruption to operational services.
* Undertaking new works / upgrades / maintenance activities on the TalkTalk Access Network.
* Managing network changes or upgrades (in conjunction with Operations), ensuring that they are implemented with minimal interruption to the end customer.
* Technical liaison with internal teams and external third party suppliers to manage the investigation and resolution of network issues.
* Timely resolution of network incidents, minimizing the impact of any network outages.
* Providing support to the TalkTalk NOC and Operational Teams.
* Ensuring the correct level of documentation is created, reviewed, maintained and adhered to.
* Creating, developing and maintaining an asset database for IP equipment.
* Developing and implementing best practice for new works and operational processes and procedures.
* Providing Out of hours and on call duties as determined by the requirements of the business.
* Exposure of pushing Firewall Policies, Amending firewall rules on Cisco ASA 5515

**B2B IP Engineer**  **TalkTalk PLC**

July 2015 – Oct 2016

* Engage in Installation, commissioning and operational Management of Multi vendor (Cisco, Juniper, Huawei, Redback, 3COM) Access Network Switches, Routers including Juniper MX960 Routers
* Configuration and management of VLANs including Cisco Catalyst 3750 and Juniper EX4200 switches.
* Managing, configuration and fault diagnoses of Layer 2 and Layer 3 Network for B2B customer with L2VPNs, L3VPNs, BGP, OSPF, RIP, VRF.
* Conducting Coops and turn up calls with B2B customer Engineering team for provisioning and fault resolution. Support Network Change requests (VLAN change, port migration, tagged to un-tagged or vice versa, route or subnet change)
* Work closely with BT OR Engineers for commissioning EFM, EOFTTC, IPstream and EAD Circuits.
* Work closely with BT OR engineers for Fibre 1 Gig installations for EAD Circuits
* Work closely with IP Design team and vendors for implementing new Projects.
* Provide operational support to 1st level NOC for the provision of services on REDBACK SE800.
* Fault diagnoses and troubleshooting of Layer 2 and Layer 3 network issues with less effect on the business, e.g. DOA, no traffic passing,vlan issues, RAD, ping test failed, packet loss, QoS policing issues, SFP ports issue etc.
* Worked on several projects including re routes for Research Machines and Easynet Migrations.
* Dealing with Radius / LNS/ LTS related faults e.g. dead sessions, l2tp peer issues, l2tp tunnel issues, logs etc
* Building Layer 2 & Layer 3 (BGP, RIP, Static route) VPN over TTT MPLS Networks. Applying QoS Policies, Marking, Queuing, Metering & Policing to provide bandwidth on circuits.
* Provide technical support to other departments within TTT/TTB. Resellers & third party i.e. Azzurri, Vaioni, Fluidata, Global Crossings, Virtual 1, Daisy Communications, MDNX etc.
* Develop and Configuring Radius and core network for provisioning of wholesale customer. L2TP Configuration for Wholesale-DSL users(session steering), adding Realms to Radius, Realms Migration, swings etc
* Using Cacti for monitoring network bandwidth utilization and ixChariot for measuring the customer link speed.
* Testing & configuring HSRP on Primary & backup (Cisco ISR 4331, 1941,1921, 887), Draytek 2820, 2920- MPLS circuits of TTB(Talk Talk Business) & OBSL (Opal Business Solutions Ltd) including migrations for OBSL customers which involves testing BGP etc.
* Migration of existing customers from old legacy TUK network to new TTT network, moving realms, adding new interconnects on THN, HEX & TCM.
* Load balancing of number of sessions on Radius via Round-Robin Techniques
* Provided OnCall Support

**Broadband and Voice Engineer Talk Talk (Via Manpower)**

April 2013 – July 2015

* Worked on Voice and Data faults.
* Troubleshoot Fibre, LLU and Ipstream circuits which have got SLA and we try to resolve issue as quickly and

efficently as possible.

* Work on FTTC/MPF/SMPF/WMPF/WSMPF/IPSTREAM/DNA/AnnexM Circuits
* Use tools like Radius/JDSU/Utemp/OR-Sibel/Supporta/mx-tool/
* We deal with issues like Sync/intermittent sync/sync speed/ throughput speed/authentication issues including static and dynamic ip/static
* LNS/radius/DNS/Emails/TV circuits including IGMP(multicast), VLAN issues/FTP/L2TP Tunneling.
* We deal with OpenReach, BT Wholesale and other resellers via phone/echat/live chat
* Raise escalations if required and work on escalations passed on by Managers

**Network Support Engineer Comet Plc**

March 2009 – Dec 2012

* Support and Maintain LAN and WAN of company with a dedicated team.
* Configure and Trouble shoot Cisco Routers and switches
* Installation of ADSL using Cisco 837 ADSL router, in both normal, encrypted mode and configuring the router as VPN client. Development of standard troubleshooting model for diagnosing ADSL and VPN issues for Service desk and PC Support team. This include: link up, speed, connectivity test, loop-path, user authentication onto ADSL and RSA issues.
* Configuration of various cisco hardware platforms :3600, 2800, 2500 routers and catalyst 3750, 3550, 2950 switches.
* Configured STP and VLANs on switches.
* Configured HSRP for redundacy on routers.
* Established VPN tunnelling between two sites
* Configured OSPF routing protocols for effective routing between sites
* Report any problems to the network manager as and when they arise.
* Test routers and switches in a test lab before installing them.
* Always working to SLA and achieving the targets within the SLA.
* Document new installs, moves and changes and keep the network diagrams updated.

**EDUCATION/DEGREE**

Sept.2006 – June 2008 **University of Salford**

MSc Managing Information Technology

Sept. 2000 – May 2004 **Staffordshire University**

BSc (Hons) Computing and Information Technology

**Soft Skills**

* Can do attitude
* I can make timely decisions
* Have worked in On-call rota
* I am effective listener
* I am a good communicator
* I have worked in 24/7 shift rota

**References**

Will be available on request

**Hobbies**

* Playing Cricket and Badminton
* Watch TV
* Listening Music