Syed Naseer Ahmed Bukhari (CCIE # 27105)

Syed Naseer Bukhari
CCIE # 27105
Mobile: 07947928485
Email: naseerbukhari@yahoo.com
Nationality: British

Personal Profile

I have widespread experience in planning and executing Cisco Routing & Switching, Nexus Data Center switching range, Security, Wireless, IP/MPLS & Cisco ACI Network Solutions. Comprehensive Cisco technology knowledge in designing, implementation, administration and support. In-depth knowledge of deploying IP protocols and troubleshooting. Experienced in layer 2 switching and layer 3 routing. Extensive experience in planning, implementation, configuring, testing and troubleshooting of networking systems.

Core Networking Skills & Key Strengths

- Strong knowledge of Internetworking theory and practical applications based on the Cisco design paradigm.
- Problem-solving skills with an emphasis on resolution of complex technical problems and demonstrated comprehension of integrated Cisco enterprise level architecture and design principles
- Strong leadership skills with ability to focus and perform in time-sensitive high-pressure environment
- Strong interpersonal skills, including verbal and written communication skills as well as attention to details.

Possess extensive experience and knowledge in designing, deploying and utilizing the following technologies during different projects:

Core Networking Skills

IP NGN Architectures, Carrier Ethernet, MPLS, MPLS L2 VPNs, MPLS L3 VPNs, MPLS TE, Cisco ACI & SD-WAN.
- Development of High Level Design (HLD)
- Low Level Design (LLD)
- Presentation & Implementation of Cisco devices
- Detailed Technical specification (DTS) documents

Evaluate RFP document to create Technical Solutions Opening, Managing Cases for technical solutions.

Implement Layer 2 Technologies:
STP, RSTP, MSTP, VTP, VLANs, Trunking, VLANs, Layer 3 Switches, Logical Ether Channels,PAGP,LACP, PPP, Frame Relay, HDLC
Implement IPv4/IPv6 Routing
RIPv2, OSPF, EIGRP, BGP, Static Routing, RIPv1, RIPv2, RIPnG, EIGRP, OSPF, BGPv4, ODR, GRE, IPv6, Traffic Engineering, Policy Based Routing PBR, Route Filtering, Redistribution, Summarization
Implement MPLS VPNs
MPLS, TE, L3VPN, L2VPN, VPLS, PE, CE Routing, VRF, LDP, Expertise in MPLS, Routing/Switching, Traffic Engineering, Advanced Routing protocols, QoS and VPN
Implement & optimize Network Services
HSRP, GLBP, VRRP, DHCP IRDP, NAT, SNMP, SYSLOG, NTP, DHCP, CDP, DNS, HTTP, TFTP and FTP Management, Net Flow, SSH and Telnet.
Implement IP Multicast
PIM, MSDP, Auto-RP,RP, Bootstrap RP, Anycast RP, IGMP, CGMP, Multicast Security, Shared & shortest path models
Security
VPNs (Site-to-Site, IPSec, Remote Access, SSL, WebVPN, GET VPN, DMVPN, ezVPN), Cryptography, AAA, Radius, TACACS+, Cisco Authentication Proxy, Access Lists, Prefix List, Distributive List, Route Maps, NBAR, IOS Firewall, IOS Security, 802.1x, CBAC, DDoS prevention, Cisco IDS, Cisco IPS, Firewall & IDS, Cisco Secure ACS, Cisco VPN Concentrator, Cisco PIX / ASA Firewalls, Cisco VPN Client, Cisco NAC.
Network Troubleshooting
Troubleshoot complex Layer 2, Layer3 network issues, Troubleshoot a network in response to application problems, network services and security.
Network Management & Monitoring
Cisco CSS, F5 Networks (Big-IP), PRTG, Gold, Solar winds, MRTG, NMS & Various SNMP based network monitoring
Hardware
Cisco Router Series: 18XX, 28XX, 38XX,72XX,76XX, Cisco Catalyst Series Switches: 29XX,35XX, 37XX, 45XX,65XX, Cisco Nexus 1000,7000, & 5000 Series switches, Cisco IP Phones 7970, 7962, 7906, Firewalls: ASA 55XX Series

Professional Experience

July 2015 to Date
Network Specialist at Visa, UK
Responsibilities:
Visa links financial institutions, merchants and governments around the world with credit, debit and prepaid products.

- Delivered Regional Office Refresh Project across 11 locations in Europe with Latest Cisco Routers 4300 with Integrated Switch, ASA firewalls and Riverbed WAN Optimizers.
- Regional Refresh - Regional Offices Refresh project to re-engineer the local infrastructure with redundancy and automatic failover capability by implementing GRE over IPsec. (Paris, Brussels, Madrid, Milan, Warsaw).
- Delivered large network infrastructure firewall refresh/upgrade projects (Checkpoint Refresh, ASA Refresh & Cisco Catalyst Switches to Nexus Migration) within business critical environments which involved coordination between multiple technical teams and communication with business stakeholders.
- Provided 3rd line support for all network related issues during and after the completion of projects.

- Worked with network TDA to implement new network designs, BAU Projects or changes to existing systems.
- Implementing designs on VISA Corporate and Production network on Cisco routers, switches, firewall, ACE load-balancer, F5 LTM, Checkpoints and other vendor products.
- Implemented Mobile Platform VPP (Visa Personal Payments) and Visa Alerts Environment which involves VPN connectivity to Monitise Plc London and Amsterdam Datacenters & IPSec connectivity to members eg. DZ bank and other Member Banks using Visa Alerts.
- Successfully delivered the Visa Europe VFT (Visa File Transfer) Service.
- Assisted in Implementing Network Infrastructure for V.M.e (E-Wallet) Production, Non Production, FT and PT Environments, Infrastructure built with Cisco 5K, ASA5550 and F5 LTM Devices.
- Implemented 802.1x LAN Authentication services across the Visa LAN Network.
- Use Remedy to manage incidents, faults and changes related to Cisco routers and switches, Cisco ASA/PIX, Checkpoint firewalls, F5 LTM/GTM/ASM, Cisco ACS, Ciscoworks.
- Assisted in Implementing Load Balancers Refresh project to migrate services from Cisco ACEs to F5 LTMs in Extranet and Non Prod VEAS Environments.
- Designing, implementing and Supporting Visa Europe's Regional Offices.
- Being SME within Network Services for various Technologies and Products including Routing, Switching, Firewalls and VPNs.
- Providing Network II/III level support to Project & Normal BAU VE Core and Regional networks.
- Liaising with Vendors to resolve TACs, Circuit Faults and Hardware Swap.
- Worked for ASA upgrade in the whole estate.
- Worked for SUP1a/SUP2 replacement to Sup72s on all the 6500 series switches in the whole estate.
- Worked on IOS upgrade on all the Catalyst 6500 series switches in the whole estate.
- Completed Project implementation of Visa Exchange Rate application (VERA) integration with VECSS services.
- Worked for PCI-DSS Audit, Rules remediation on all the VE estate ASA/Checkpoints.
- Worked on Projects including Visa Europe Clearance and Settlement (VECSS) Network Design and Implementation Visa Settlement Operations and Corporate Zoning implementation.
- Creating new infrastructure for DataHub Migration from Solaris to AIX servers. This involves Non prod/Prod/QA/Test environment build.
- Worked on Win10 Migration project for all the Visa Europe estate including the regional office. This involves security policies creation on all the firewalls for SCCM,BigFix & SOE servers.
- Worked on various new Network implementation projects within Visa. The main ones are Cyber Security remediation, Virtual Workplace environment creation and rollout (Flexpods- VDI environments), Backup Refresh, Control-M Migration.
- Completed Virtual Desktop Infrastructure involving Virtual WorkPlace environments for PCIDSS, Chennai VECSS/VEAS teams, Bank Of England teams.
- Worked on Cyber Security Remediation projects creating policies and remediating the existing vulnerabilities on all the Network Devices
- Worked on the Migration of all the Visa Europe Corporate Physical servers to Virtual Servers. New CITAP environments were created with Cisco FlexPods My role was to define and Implement the Scope of Firewall rules on all the Visa Equipment. The migration was in preparation for the Visa Inc takeover of Visa Europe.
- Managing ACLs and implementing NAT on Cisco routers, ASA/PIX.
   Experience using CiscoWorks LMS (LAN Management Solution), HP Openview, Wireshark, GNS3, Netscout ngenius, Remedy, Skybox, Splunk.
- Experience in configuring and managing DNS/DHCP servers on Infoblox,IPAM.
- Experience in using Change Management Tools Remedy,Ask Now.
- Experience using Network Design Tools such as MS Visio, Ciscoworks.
- Experience in PCI-DSS rules remediation on ASA/Checkpoints.

July 2015 to date
Synergy Networxx London, UK
Senior Network Consultant
Responsibilities:

- Design, implement, maintain & monitor Network infrastructure.
- Excellent communicator with effective influencing skills essential in order to function effectively in a Matrix-managed environment and liaise effectively with global colleagues and team members at all levels
- I have been a member of team having experience in designing and implementing solutions Cisco Nexus data canter switching portfolio, as well as Cisco ACI, Security and Wireless. Prepared HLDs and LLDs for 2-tier [Spine/Leaf] network using Cisco ACI/NSX network components.
- Working as Network Consultant for projects, where working on Routing & Switching, Wireless, Data Center, IP/MPLS technologies and latest technologies like Cisco ACI.
- Involved in Implementation of projects and my scope starts from technical documentation till the full implementation:
  - Development of High Level Design (HLD)
  - Low Level Design (LLD)
  - Presentation & Implementation of Cisco devices
  - Detailed Technical specification (DTS) documents
  - Evaluate RFP document to create Technical Solutions Opening, Managing Cases for technical solutions.
- Experience in Data centre relocation projects using 6500, 6800, 9k, 7k, 5k, 2k and ACI.
- Technologies - Routing Protocols [OSPF, EIGRP, ISIS, BGP]
- IP NGN Architectures, Carrier Ethernet, MPLS, MPLS L2 VPNs, MPLS L3 VPNs, MPLS TE, Cisco ACI & SD-WAN.
- Handling the responsibility of last point of escalation for all security problems providing the technical support and solution in minimum time window, and all unresolved security escalation.

- Managing device & finding the loopholes of the security threats via doing periodic health check providing solutions for security related problems which includes, Firewall technologies, VPN IDS/IPS, AAA Services, Router and Switch Security.

March 2012 – June 2015
Synergy Networxx London, UK
Senior Network Engineer
Responsibilities:

- Establishing and maintaining IPSec, GRE,MGRE,DMVPN, Get VPN, SSL and Flex VPNs with ASA and IOS routers, Implementing & Managing wireless network with excellent network documentation Skills HLD, LLD, NIP & NRFU.
- WAN Technologies: MPLS VPN-v4 & VPN-v6 (Inter-AS & Intra-AS), Carrier Supporting Carrier L2 VPNS (PPP/HDLC over MPLS, FR over MPLS, ATOM), VPLS etc.
- Implement Network Security using ASA, IDS, IPS, FTD, SFR, ISE
- IP Multicast, Quality of Service, Data center Technologies: VPC, VDC, FEX, OTV, Fabricpath, Virtualization, FCOE, FCIP, Fibre Channels.
- Wireless: WLC 5700, 5500 & 2500 Series, F5 Big-IP Appliances, Check Point Firewalls
- Successfully planned and installed LAN and WAN, Routing switching & Security & Security solutions.
- Proficient in working closely with sales team, vendors, project managers and clients providing technical support for networking projects.
- Sturdy communication and presentation skills as well as experience of working in a team-oriented/shared environment.
- Perform migration from traditional data center network designs to Cisco ACI.
- Incorporate service appliances to Cisco ACI deployments to include Application Delivery Controllers and Firewalls.
- Observe network performance and troubleshoot problem areas as needed.
- Build Low Level Design, High Level Design, Implementation Plan, and Acceptance Test Plan documents in accordance with customer requirements.
- Execute installation, configuration, maintenance and troubleshooting of customer managed hardware, software and peripheral devices.
- Conduct research on network products, services, protocols and standards.
- Supervise/Execute new and existing equipment, hardware and software upgrades.
- Understanding of SDN/ACI concepts and architecture, hands on experience with cisco APIC ACI controller.
- Knowledge of how to create different application policies in the ACI including Tenants, Application Network Profile (ANP), End Point Group (EPG), Contracts, Subjects and Filters
- Familiarity on the Fabric Access Policy including how to create switch policies & interface policies.
- Knowledge of Fabric Discovery Activity including Out of Band Configuration, Verifying the APIC Health, Verifying the LEAF Health and Verifying remote access to all the out of band management devices.
- A comprehensive understanding of the best practices for services execution.
- Experience in offering the MPLS, MP-BGP technical support to the customer.
- Articulate technical solutions to accomplish customers' ISP-related problems as well as provide independent consultation to solve complex product and network problems
- Experience in designing all functional areas of LAN and WAN projects at both physical and logical layer
- Facilitate technical trainings for corporate clients with major focus on deployed network infrastructure.
- Provide efficient technical assistance to client and assign engineers for troubleshooting of client issues while ensuring adherence to specified SLA (Service Level Agreement) timeframe.
- Explain scope of work into configuration Items and prepare template configurations and applets for designed networks to be deployed.

Jan 2005 to Feb 2012
Synergy Network Systems (Microsoft Gold Partner), London, UK
Senior Network Engineer
Responsibilities:

- Creation and actualization of security policy of IP Network, Network Troubleshooting in case of Network failures, creation of overall IP address space policy, actualization and allocation of IP address space of IP Network regarding to actual operation guidelines.
- Lead efforts toward the successful deployment of CISCO networks devices at various organizations
- Installation and configuration of 26 access-layer switches (Catalyst 2960-48 ports switches), Installation and configuration of 9 distribution – layer switches (Catalyst 3560-48 port switches)
- Installation and configuration of Cisco Catalyst 8 4500-E core switches Configuring and Troubleshooting of access switches. Configuring routing protocol OSPF. Over the multiple areas
- Configuring VLAN's and Vlan-Filtering over the trunk, Configuring VTP and VLAN's trunking on all Catalyst Switches.
- Migrating from EIGRP and RIPv2 routing protocols to an OSPF multiple area network design. Interconnect through BGP to the other existing departments. Upgrade from 3550 series switches to Cisco 6509 Catalysts.
- Design, implementation and support of the core network (Spanning tree re-design, Trunking, VLAN setup). 3rd. level support for both LAN (Gigabit Ethernet) and WAN mainly consisting of Frame-Relay and ATM circuits. Fault finding by means of sniffers such as Ethereal and Packetyzer.
- Support, maintenance, upgrades, new installations and troubleshooting on the core networks consisting of Cisco routers running OSPF,EIGRP, BGP and MPLS.
- Troubleshooting support for the complete network (LAN and WAN) including complex technologies such as Cisco's CSS or F5 Network's BigIP.
- Troubleshooting and Configurations of CISCO routers & switches, responsible of overall IP Core network
- Configuring GLBP/HSRP for redundancy and load balancing for the Catalyst 6500 core switch

Syed Naseer Ahmed Bukhari (CCIE # 27105)

- Addressing Network Issues / Network problems of clients that are assigned through helpdesk, Creating and maintaining comprehensive documentation for all the implemented networks.
- Performing upgrades and routine hardware configuration review time to time.
- Traffic filtering using Access Control Lists (ACLs)/Prefix List/distributive List/Route maps.
- Cisco Routing (OSPFV2-3, RIPv1-2, EIGRP, MPLS, BGP), Switching (HSRP VRRP, GLBP), Subnetting, Vlan Assignment.
- IPv4-6, NAT, PAT, WLAN configuring, Network security, WAN Technology (E1/T1 , leased-Line , ADSL (PPOE/PPOA) Configuration.
- Configure Cisco 3750/3560 switches (edge switches) with 2 core switch (Cisco 6513) (Configured with HSRP), router (Cisco 2821). The configuration Included: Full Switch & Router configuration, assigning VLANS, configuring VTP and Troubleshooting the Hole Network.
- Configure & test 4 Core switches (6509-E) and 46 edge switches (3750 AND 3560), the setup included: Full configuration, Vlans configuration & modification, with a redundancy Configuration for the core switches using HSRP
- Installation for 1841 Routers with full MPLS/E1/Leased-Line (Client) configuration - Installation for 2960 Switches
- Configuring 2 core switches (HSRP) and 88 Edge Switches, the setup included VLAN assignment, redundant connections, full capability for voice security and wireless deployments, and helping in providing a complete documentation for the project.
- Worked on various projects to validate customer requests ranging from Hot Standby Routing Protocol, OSPF evaluation on various IOS versions and multiple platforms. Configured BGP route reflectors for proper BGP routing. Configured Frame relay between multiple test cells and Labs to support complex projects.
- Manage VPN and WAN communications, working with protocols (EIGRP, OSPF, and BGP).
- Implementation of mitigation methods for common network attacks Worm, Virus, Trojan Horse attacks, Mitigate threats to Cisco routers and networks using ACLs, standard, extended, named, verify IP ACLs to mitigate given threats (filter IP traffic destined for Telnet, SNMP, and DDoS attacks) in a network using CLI, configure IP ACLs to prevent IP address spoofing using CLI. and Cisco Self Defending Network architecture
- Securing Cisco routers using the SDM Security Audit feature, Use the One-Step Lockdown feature in SDM to secure a Cisco router.

Mar 2003 to Dec 2004
Castech (Cisco Premier Partner)
IP Support Analyst
Responsibilities:

- Designed the IP addressing Scheme for the entire network for Coca Cola Pakistan, along with design and Implementation of VOIP network.
- Provided solution for the data and voice connectivity between two sites for Century Paper & Board Mills. The solution included Cisco 2600 series routers with FXO & FXS modules.
- Provide technical support and troubleshooting day-to day problems Creating Policies as per the requirement of the client Configuring DHCP Configuring HSRP, GLBP for redundancy
- Use of ACL: Standard, Extended, Name based
- Securing routing protocols with authentication, HSRP & GLBP authentication, IOS based security Installation and configuration of 3500/3560, and 6500 cisco Switches,
- Troubleshoot, configure, install and upgrade Cisco routers and switches Creating VLAN's, on layer2 and layer3 switches
- Configuring IEEE 802.1q Trunk Configuring portfast, Uplinkfast, Backbonefast Configuring DTP, VTP and VLAN Filtering
- Configuring advanced Spanning-tree features like RSTP, PVSTP and MSTP
- Troubleshoot, configure, install and upgrade Cisco routers and switches (7600, 7200, 2800, 3700, and 6500).
- Designed the LAN and Internet connectivity solution for the Punjab Institute of Computer Science. A multilayer design using Catalyst switches and broadcast domain separation utilizing different VLANs. Inter VLAN communication was achieved using Cisco 2621Router.
- Provided multiservices Hotel Broadband solution for Pearl Continental Hotels, which is the largest chain of Hotels.

Education & Certifications	
Awarding Body	Degree/Certification
Cisco Systems	CCIE# 27105
University of Engineering & Technology	Bachelor of Engineering
Cisco Systems	CCNA, CCNP, CCSP, CSE, CCIE (ID: CSCO10854671)
Cisco Systems	CCNP (ID: CSCO10854671)
Microsoft Corporation	MCP, MCSA (ID: 3386937)
Red Hat	Linux

References

Available on request.