**Chowdhury Badrul Huda**

**Sr. Network Engineer**

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**PROFESSIONAL SUMMARY:**

* Professional network and systems engineer with over 10+ years of experience designing and managing network, security and server infrastructure.
* Professionally worked on medium to large scale environments, enterprise, and Data center networks.
* Performed roles of Project lead, Senior Network Engineer, Operations and Deployment Engineer with Clients that include Financial, healthcare and Cloud Providers.
* Expert in Switching, routing, Network Security, Application Delivery, Wireless, VOIP, Virtualization and SDN.

**CAREER HIGHLIGHTS:**

* Experience working on Cisco Catalyst Series3750, 4500, 4900, 6500; Nexus 2000, 5000, 6000 and 7000 series switches.
* Experience in layer-3 Routing and layer-2 Switching. Dealt with Nexus models like 7K, 5K, 2Kseries, Cisco router models like 7200, 3800, 3600, 2800, 2600, 2500, 1800 series and Cisco catalyst 6500, 4500, 3750, 3500, 2900 series switches
* Knowledge of implementing and troubleshooting complex layer 2 technologies such as VLAN Trunks, VTP, Ether channel, STP, RSTP and MST. Implementation of HSRP, VRRP for Default Gateway Redundancy
* Involved in troubleshooting of DNS, DHCP and other IP conflict problems.
* Advanced knowledge, design, installation, configuration, maintenance and administration Checkpoint Firewall R55 up to R77 version.
* Expertise with Installation of Arista 7250QX series switches on Spine Platform
* Configured LACP, OSPF protocols on Arista 7250qx-64 switches
* Monitored and Created traffic Pattern on Arista 7250 switches using Open flow
* Experience Arista Cloud Vision on a POC. Knowledge on Spine leaf Architecture in Data center. Worked on EVPN, VXLAN, VTEPS, Bridge Domains, MP-BGP etc.
* Experience in adding Rules and Monitoring Checkpoint Firewall traffic through Smart Dashboard and Smart View Tracker applications.
* Configuration and Administration of Checkpoint, Palo Alto Firewalls to manage large scale firewall deployments.
* Responsible for Juniper and Cisco ASA firewall administration across global networks.
* Implemented and Configured Palo Alto Networks Firewall models and centralized management system to manage large scale firewall deployments.
* Implemented Zone Based Firewall and Security Rules on the Palo Alto Firewall.
* Experience in working with Cisco Nexus Switches and Virtual Port Channel configuration.
* Worked on F5 LTM, GTM series like 6400, 6800, 8800 for the corporate applications and their availability.
* Provided administration and support on Bluecoat Proxy for content filtering and internet access between site and VPN client users.
* Deployment and Management of Bluecoat proxies in the forward proxy scenario as well as for security in reverse proxy scenario.
* Proficient in design, implementation, management and troubleshooting of Check Point firewalls, Cisco PIX, NetScreen Firewalls, Check Point Provider-1 / VSX, Nokia VPN, Palo Alto IDS, Foundry / F5 Load Balancers, and Blue Coat Packet Shaper systems
* Expertise in network protocols, Network Security, Firewalls (ASA 5500, FortiGate, Palo Alto), Firewall Persistence Palo Alto: Security Policies (NAT, Web, Access Rule), Configuring, filtering, monitoring, Reporting, and Logging Application Visibility, and other network security features
* Enterprise Routing experience using protocols RIP v1 & 2, EIGRP, OSPF and BGP
* Implementing security policies using Cryptography, ACL, ASDM, IPsec, VPN, and AAA Security on different series of routers.
* Operates and maintains (O&M) the Aruba ClearPass Policy Server and the Aruba AirWave Wireless Intrusion Detection System
* Designing, deploying and troubleshooting IP and wireless networks, which includes enterprise IP networking, Aruba ClearPass, Aruba AirWave, and RF analysis
* Aruba access points 300 series,310 series and WIFI 6 supported APs like 500 series and 510 series Aruba wireless controllers 7000 series and 7100 series
* Experience with setting up AWS direct connect to amazon S3, Amazon EC2, Amazon VPC
* Experience working on Security groups in AWS in VPC for traffic flowing between various virtual nets for dev, prod and UAT instances.
* Design expertise for the SD-WAN (Versa & Viptela), SD-LAN and WAN optimization technologies for efficient delivery of the application data across LAN and WAN.
* Designing and providing support of Routers, Switches, Security Solutions, VPNs, L4-7 Load Balancers, SD-WAN and Network Management Solutions across LAN/WAN.
* Experience of OTV, VXLAN with Strong understanding of SDN and SDWAN
* Experience with different Network Management Tools and Sniffers like Wireshark (ethereal), HP-Open view, RSA envision, and Cisco works to support 24 x 7 Network Operation Center.
* Experience with F5 load balancers and Cisco load balancers (ACE and GSS).
* Basic and advance F5 load balancer configurations, including migrating configurations from Cisco ACE to F5 and general troubleshooting of the F5 load balancers
* Implemented Positive Enforcement Model with the help of Palo Alto Networks.
* Created multiple policies and pushed them in to Checkpoint Firewall (Gateways) and the Checkpoint Management Server with SPLAT operating system.
* Worked on monitoring tools that include Solarwinds, Netcool, Whatsupgold. Experience with SNMP V2C and V3. Worked on Log Collectors that include Splunk and ArcSight.
* Basic understanding and implementation experience with Python and Ansible for network automation tasks that include automatic backups, config templates, tasks automation like software upgrades etc.

**CERTIFICATIONS:**

* Cisco Certified Network Associate (CCNA)
* Cisco Certified Network Professional (CCNP)

**Technical Skills:**

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| **Cisco Platforms** | Nexus 7K, 5K, 2K & 1K, Cisco routers (7600,7200, 3900, 3600, 2800, 2600, 2500, 1800 series) & Cisco Catalyst switches (6500, 4900, 3750, 3500, 4500, 2900 series), ASR1001, 2900, 3900, 7200, 7600 & ASR9000, CSR/ASR, IOS-XR |
| **Juniper Platforms** | SRX, MX, EX Series Routers and Switches |
| **Networking Concepts** | Access-lists, Routing, Switching, Subnetting, Designing, CSU/DSU, IPSec, VLAN, VPN, WEP, WAP, MPLS, VoIP, Bluetooth, Wi-Fi |
| **Firewall** | ASA Firewall (5505/5510), Checkpoint, Cisco ASA, Palo Alto |
| **Network Tools** | Solar Winds, SNMP, Cisco Works, Wireshark |
| **Load Balancers** | Cisco CSM, F5 Networks (Big-IP) |
| **WAN technologies** | Frame Relay, ISDN, ATM, MPLS, leased lines & exposure to PPP, DS1, DS3, OC3, T1 /T3 & SONET |
| **LAN technologies** | Ethernet, Fast Ethernet, Gigabit Ethernet, & 10 Gigabit Ethernet, Port- channel, VLANS, VTP, STP, RSTP, 802.1Q |
| **Security Protocols** | IKE, IPSEC, SSL-VPN, Blue Coat proxy |
| **Networking Protocols** | RIP, OSPF, EIGRP, BGP, STP, RSTP, VLANs, VTP, PAGP, LACP, MPLS, HSRP, VRRP, GLBP, TACACS+, Radius, AAA |
| **Languages** | Perl, C, C++, Python, SQL, HTML/DHTML |
| **Operating System** | Windows 7/XP, MAC OS X, Windows Server 2008/2003, Linux, Unix |

**PROFESSIONAL EXPERIENCE:**

**Client: IQVIA, Danbury, CT Jun’21 – Till Date**

**Role: Senior Network Engineer**

**Responsibilities:**

* Worked in Client’s Global Deployment and operations team to support multiple migrations in switching, routing, firewalls, LB and Proxies.
* Designed and implemented SD-WAN solutions for optimizing network performance and reducing latency.
* Designed, implemented, and managed VMware NSX solutions to virtualize network infrastructure.
* Designed and implemented scalable and secure network architectures on AWS.
* Palo Alto design and installation (Application and URL filtering, SSL decryption, SSL Forward Proxy). Configured and maintained IPSEC and SSL VPN's on Palo Alto Firewalls. Successfully installed PA-5000 series firewalls in Data Center as perimeter Firewalls.
* Implemented Nuance transcription and analytics solutions for real-time monitoring and analysis of customer interactions.
* Implemented and maintained Genesys contact center solutions to optimize customer service operations.
* Proficient in utilizing the Meraki Dashboard for centralized cloud-based management of network devices.
* Migration of ASA firewalls to PA next gen Firewalls using migration tool in PA. Migrated all IPSEC tunnels, ACL’s, NAT rules and policies.
* Successfully deployed SD-WAN technologies to enhance connectivity and reliability across multiple branch locations.
* Integrated Nuance virtual assistants and chatbots with enterprise systems to automate routine tasks and improve customer engagement.
* Configured and monitored network settings, security policies, and device health through the Meraki cloud platform.
* Experience working on Cisco ASR 9K, Nexus 7k and 9K. Configured and designed OSPF, EIGRP and BGP at Distribution and Core layers. Configured OTV layer 2 connection between Data centers on Nexus.
* Worked on Juniper devices like M, MX, T routers on advanced technologies like MPLS VPNs, TE and other service provider technologies.
* Proficient in working with leading SD-WAN vendors such as Cisco, VMware, and Silver Peak.
* Experience with configuring BGP, OSPF in Juniper M and MX series routers. Worked on several BGP attributes like MED, AS-PATH, Local Preference for route optimization. Worked on Route-Reflector, Route-Redistribution among routing protocols.
* Experience working with Juniper devices like EX-2200, EX-4200, EX-4500, MX-480, M Series, SRX650, SRX240.
* Configured and managed Genesys routing strategies for efficient call distribution and workload balancing.
* Implemented and optimized Meraki wireless access points to provide reliable and high-performance Wi-Fi connectivity.
* Managed AD Domain Controller, DNS and DHCP Servers and configurations.
* Conducted performance testing and tuning of Nuance speech applications to achieve high accuracy and response time targets.
* Demonstrated expertise in configuring and managing SD-WAN appliances and controllers.
* Worked on Cisco ISE for user Authentication, Security Group Tags, MAC based authentication for Wireless and Wired users, 802.1X, EAP, PEAP etc.
* Deployed NSX components, including NSX Manager, NSX Controller, and NSX Edge, for comprehensive network virtualization.
* Configured and managed Virtual Private Cloud (VPC) environments to ensure isolation and connectivity.
* Responsible for the IPAM (IP Address management) system for a very large WAN/LAN network (QIP) using Solarwinds IPAM and Infoblox DNS and DHCP servers. Experience with DHCP scopes, IP reservations, DNS host entries, pointers, delegations, Zones, DNSSec etc.
* Improved network efficiency by leveraging SD-WAN to dynamically route traffic based on application priorities and network conditions.
* Integrated Genesys platform with various telephony systems and CRM applications to enhance overall call center functionality.
* Provides expert level security and networking knowledge in the planning, researching, designing, and testing of new networking technologies for perimeter firewall security, Intrusion Prevention/Protection System (IPS), DNS and DMZ security, and Internet Security in support of established Info Security program initiatives for the next 3 years.
* Implemented Quality of Service (QoS) policies to prioritize critical applications over the SD-WAN infrastructure.
* Implemented and optimized network configurations using AWS networking services such as Amazon VPC, Subnets, Route Tables, and Security Groups.
* Collaborated with vendors and internal teams to troubleshoot and resolve issues related to Nuance software and integrations.
* Conducted site surveys and analyzed RF interference to optimize the placement of Meraki wireless devices.
* Regular upgrade and maintenance of Infrastructure, Installing, configuring, and maintaining Cisco Switches (2960, 3500 ,7600, 3750, 3850 series, 6500 series) Cisco Routers (4800, ASR 9K, 800), Juniper Routers and Firewalls, Nexus 7k,5k & 2k, f5 BIG IP, Palo Alto Firewalls, Zscaler Proxy and Versa SD-WAN appliances.
* Conducted a POC on Versa and Viptella SD-WAN solution as a team and worked on evaluating the solutions.
* Troubleshot and resolved issues related to Genesys components including SIP servers, IVRs, and routing modules.
* Migrated Nexus 7Ks &amp; Nexus 5Ks to an ACI Fabric consisting of 9336PQ Spines &amp; 9332PQLeafs in a brownfield Datacenter.
* Stayed abreast of industry trends and emerging technologies in speech recognition and AI to recommend innovative solutions leveraging Nuance products.
* Integrated security features into SD-WAN architecture to ensure secure data transmission.-WAN
* Worked on PAC file updates, Internet proxy migration from Ironport to Zscaler cloud. Access policies, AD based, user based, location-based access. ZAPP client.
* Implemented micro-segmentation strategies using NSX Distributed Firewall (DFW) for granular security controls within the virtual environment.
* Worked on Bridge Domains, VXLANs, VTEPS, VNID. configuration of routing using BGP among multiple Leaf to spine switches. Thorough understanding of Application Profile, Tenants, End Point Group, Inter Subnet Tenant Routing, Routing within Tenants, Router Peering and Redistribution. Worked on Migration project from traditional Data Center Architecture to Spine Leaf.
* Established secure and reliable connections between on-premises data centers and AWS using VPNs or AWS Direct Connect.
* Conducted performance monitoring and tuning of Genesys applications to ensure optimal system performance and scalability.
* Worked on connections handoff using Bridged Interface to an External Route. L3- EPG configurations, AEP configurations. Expert in GUI of ACI.
* Worked on integrating existing Layer 2 and Layer-3 networks with ACI.
* Analyze and provide courses of action on current as well as emerging security threats like ransomware attacks by research and recommendation of other security solutions to help mitigate network security threats while preventing their outbreak across the network.
* Worked on network design improvements involving BGP, EIGRP, OSPF, IP metric tweaking and load balancing.
* Conducted site surveys and analyzed RF interference to optimize the placement of Meraki wireless devices.
* Implemented hybrid cloud solutions, seamlessly integrating on-premises networks with AWS infrastructure.
* Enhanced security posture by creating and managing security groups and policies.
* Design, implement, and develop network designs for applications used in TMO.
* Worked on Checkpoint Firewall to create new rules and allow connectivity for various Applications. Checkpoint is used as an internal firewall for application security in Kodiak network.
* Implemented Firewall rules and Nat rules by generating precise methods of procedure (MOPs). Responsible for packet capture analysis, syslog and firewall log analysis.
* Implemented encryption and authentication mechanisms to safeguard data across the SD-WAN network.
* Experience with F5 load balancers LTM and GTM and reverse proxy design and setup. Migration from ACE to F5.
* Deployed and maintained Nuance speech recognition and natural language understanding technologies to enhance customer self-service solutions.
* Configured and maintained Meraki security features, including intrusion detection, content filtering, and threat intelligence.
* Experience in F5, Cisco ACE 4710 Load balancers. Migration Experience from ACE to F5 and NetScalers to F5. Worked on critical applications on Layer 4 and layer 7 load balancing. Experience with Virtual server, Pool, Node, Profiles – TCP, http, https, ftp, fastl4, Persistence – Source IP, SSL, Cookie, SNAT, iRules, iAPP, SSL offloading.
* Experience with F5 GTM and in-depth knowledge of DNS, Global level load balancing, Wide IP’s, Zones, Prober pools, Delegation from Windows DNS server to listener IP.
* Troubleshooting of Linux and Unix servers for application delivery servers. Install Dockers, Cisco and HP servers.
* High-level network troubleshooting and diagnostic experience using Packet capture tools like Wireshark.
* Configured network using routing protocols such as EIGRP, BGP and OSPF and troubleshooting L2/L3 issues.
* Implemented and managed group policies to enforce security standards across the Meraki network.
* Designing, configuring, and troubleshooting QoS, SIP, H.323, RTP, SCCP, Session Border Controllers, Voice Gateways, Voice circuits IP /TDM, Cisco Telepresence Infrastructure, QoS, NAT, PAT, and multicast.
* Adding and modifying the servers and infrastructure to the existing DMZ environments based on the requirements of various application platforms.
* Designed and implemented disaster recovery strategies using AWS services such as Amazon S3 for backup and recovery.
* Assist in creating network design standards for hardware and software. Developing and maintain Network Documentation (Visio diagrams, Excel spreadsheets, Word documents, etc.) Configure and troubleshoot network elements in a test/dev environment.
* Utilized Meraki MX appliances for SD-WAN functionality, optimizing connectivity and enhancing network performance.
* Worked on Orion (Solar Winds) for mapping network diagrams, updated Orion with commissioned and decommissioned network devices.

**Jefferies, NY Mar’19-May’21**

**Role: Network Security Engineer**

**Responsibilities:**

* Configuration and troubleshooting of Site to Site as well as Remote Access VPN on Cisco ASA and Checkpoint firewalls.
* Involved in validating orders of equipment’s required for the DC builds and legacy device conversion.
* Experience working on Cisco Nexus OS 7Ks, Juniper Network Junos QFX3500, QFX5100, SRX1500, Accton 7760, Linux Quanta LB9.
* Troubleshooting the traffic and configuration issues/anomalies in the datacenters and logging them on Ticketing tools (TTs/SIMs).
* Collaborated with cross-functional teams to design and deploy Genesys upgrades and patches while minimizing downtime.
* Configured and managed AWS Elastic Load Balancer (ELB) to distribute incoming traffic across multiple instances, ensuring high availability and fault tolerance.
* Configured and optimized Nuance voice biometrics for secure authentication and fraud prevention in contact center environments.
* Responsible for maintenance, and troubleshooting of dynamic routing protocols: BGP, OSPF & ISIS (route redistribution, distribute lists, route-maps, offset-lists, prefix lists, route summarization, BGP attributes) on Cisco Routers 7613, 7201, and Juniper QFX , MX and PTX routers and switches.
* Working knowledge of frame relay, MPLS services, OSPF, BGP and ISIS routing protocols, NAT’ing, NAC product sub-netting, also including DNS, LDAP, DHCP, http, HTML, HTTPS, TCP/IP, UDP, SNMP, OSPF, RIP, IPSEC, PPTP, VLAN, STP (Spanning tree Protocol), RTSP & Multicasting protocols.
* Proven ability to troubleshoot and resolve SD-WAN issues, ensuring minimal downtime.
* Provided proactive threat defense with ASA that stops attacks before they spread through the network.
* Troubleshoot on security related issues on Cisco ASA/PIX, Checkpoint and IDS/IPS.
* Experience in different VPN platforms, IPSec, SSL & Web VPN. Mobile VPNs solutions from Cisco and Checkpoint.
* Provided technical expertise and guidance to internal stakeholders on Genesys best practices and configurations.
* Implemented AWS CloudWatch for monitoring network performance and generating automated alerts.
* Deploying Cisco ASA and Bluecoat ProxySG (Web Security Appliance) S170 for URL Filtering Policies.
* Upgrading 3x data centers' network and fiber optic infrastructures with an Arista spine-leaf.
* Advanced knowledge and troubleshooting experience of wireless networking (802.11a/b/g/n/ac/ax etc.)
* Working knowledge of Microsoft Active Directory, LDAP & RADIUS-based authentication systems.
* Configuring and troubleshooting Aruba related products (7000, 7200, 3200, 3400, 3600 and MK3 series controllers.
* Provided ongoing support and maintenance for SD-WAN deployments, including monitoring and performance tuning.
* Utilized Amazon CloudFront for efficient content delivery, reducing latency and enhancing the user experience.
* Worked on Blue Coat Proxy SG to safeguard web applications (Blacklisting and Whitelisting of web URL) in extremely untrusted environments such as guest Wi-Fi zones
* Created multiple policies and pushed them in to Checkpoint Firewall (Gateways) and the Checkpoint Management Server with SPLAT operating system.
* Work on remedy ticketing tool prioritizing the TT's (Troubleshooting Tickets).
* coordinating with Engineers On-Call in other areas like Europe (Dublin) and Australia (Sydney) to solve the TT's in queue.
* Documented Genesys infrastructure and processes to facilitate knowledge transfer and training for support teams.
* Collaborated with cross-functional teams to understand business requirements and tailor SD-WAN solutions accordingly.
* Provides escalation for network-level troubleshooting activities as related to customers, including but not limited to: analyzing packet captures, event logs, traffic and other diagnostic records
* Supported BGP and OSPF based on the network by resolving level 2 & 3 problems of internal teams & external customers of all locations.
* Implemented security best practices, including IAM roles, security groups, and Network Access Control Lists (NACLs).
* Effectively communicated technical details to non-technical stakeholders, facilitating a clear understanding of the benefits of SD-WAN.
* Responsible for resolution of tickets by troubleshooting networks by analyzing packet traces using Wireshark and performing scheduled maintenance and backup.
* Highlight any relevant SD-WAN certifications, such as Cisco CCNP/CCIE, VMware VCP, or other vendor-specific certifications.
* POC for corp security rack hand-off in a DC build for security equipment and wifi access to the customers.
* Building servers by deploying corp switches and attaining high-priority and time-sensitive server handoff to the customers.

**Mizuho, New York, NY Jan’18 –Feb ‘19**

**Role: Senior Network Engineer**

**Responsibilities:**

* Hands on experience of Nexus 7k, 5k and 2K FEXs and Cisco switch 3560.
* Configured datacenter technologies like VPC, VDC on Nexus 7010 Core Switches.
* Designing, Implementing and Troubleshooting Cisco 3750, 3550, 3560, 2924, 6509-V-E, 6513, 6504, 6503, 6506, 6500 series switches, GSR, ASR routers with Cisco IOS and IOS-XR.
* Designed and implemented Turbot to enforce cloud governance policies and best practices within the organization's cloud environment.
* Configured Layer 2 & Layer 3 interfaces and port channels on Nexus 9508
* Worked on F5 LTM/GTM, Big-IP, load balancing, iRules, and WAN acceleration.
* Knowledge of F5 Best Practices, used iHealth, SSL offloading, Route Domains, GTM Sync Group.
* Experience with F5 load balancers and Cisco load balancers (CSM, ACE and GSS).
* Design, Configuring and troubleshoot F5 LTM load balancing.
* In depth understanding of implementing and configuring F5 Big-IP LTM, GTM ( 11.x, 10.x ).
* Basic and advance F5 load balancer configurations, including migrating configurations from Cisco ACE to F5 and general troubleshooting of the F5 load balancers.
* Worked on F5 LTM and APM product suite.
* Recommend and design equipment configurations for LAN/WAN/VOIP deployment on Cisco, Adtran, Fortinet, F5, Radware and Bluecoat.
* Providing Technical Support and solutions for Network Problems.
* Creating and managing user accounts to all team members in partner environment.
* Experience in Cisco switches and routers: IP addressing, WAN configurations.
* LAN cabling in compliance with CAT6 standards; Installing new hardware and swap out hardware physically.
* Configured Turbot policies to ensure compliance with security, cost, and operational guidelines.
* Design and configuring of OSPF, BGP on Juniper Routers and SRX Firewalls.
* Hands on experience installing and configuring Cisco ISE 1.4. .
* Provided technical support for full setup, debugged the problems of OSPF, switching and HSRP.
* Responsibility is to design and deploy various Network Security & High Availability products like Check Point R 77.XX and other Security Products.
* Leveraged Turbot's automation capabilities to enforce governance policies and automate routine tasks in the cloud infrastructure.
* Performed Configuration on ASR 9K Pairs includes HSRP, Bundle Ethernet Config, Assigning DCHP profiles
* Experience with configuring Virtual Server and Configuring Load balancing methods in F5 12.0 LTM.
* Network security involves web filtering on internet sites (User's restriction) using checkpoint Firewalls.
* Experience handling tickets with less or no supervision in troubleshooting checkpoint 77.30.
* Implemented automated workflows for provisioning, decommissioning, and scaling of cloud resources.
* Configuring rules and Maintaining Palo Alto Firewalls & Analysis of firewall logs
* Installed checkpoint and F5 load balancers in VMware workstation and VSphere.
* Utilized Turbot to enforce security controls and compliance standards across cloud resources.
* Experience configuring VLAN’s, WLAN’s (SSID), WLC’s and WAP’s.
* Implemented Turbot policies to enhance security posture, including identity and access management, encryption, and network security.
* Configured Turbot to provide comprehensive visibility into the organization's cloud environment.

**Ultragenyx, Brisbane, CA Jun’15 – Dec ‘17**

**Role: Network Operations Engineer (Wireless, Switching, Routing, Firewalls)**

**Responsibilities:**

* Installing, Configuring and troubleshooting Cisco Routers (ASR1002X, 3945, 3845, 2800, 3600) and Switches (6509E, 4507, 4500-X, 4900M, 3850, 3650, 2960) to perform functions at the Access, Distribution, and Core layers.
* Configuration of various Cisco Routers & L2/L3 Switches and implementing OSPF and BGP on the routers
* Configuring, upgrading and deployment of Nexus 7010, 5596 and 2248.
* Installation and deployment of new class 9X and class 10 Server farms in multiple silos.
* Designing and installing new branch network systems. Resolving network issues, running test scripts and preparing network documentation.
* Working with Cisco Nexus 2248 Fabric Extender and Nexus 5500 series to provide a Flexible Access Solution for datacenter access architecture.
* Design, Installation and consolidation of local server farms in multiple branch locations with Cisco 4500-X at distribution and 4948’s replacing the 3750’s at access level.
* Worked as a part of data center deployment where we converted from Cisco 6500 to Nexus.
* Ensuring problems are satisfactorily resolved in a timely manner with focus in providing high level of support for all customers.
* Worked with Blue coat and handled the Trouble Tickets on F5 Load Balancers.
* Work with Engineering on Server Farm refresh project on consolidation and increasing the bandwidth on Server Access silos.
* Implementing the necessary changes such as adding, moving and changing as per the requirements of business lines in a data center environment.
* Configure BGP features such as as-override, Local pre, EBGP load sharing on client connections
* Intermediate knowledge and experience in F5 LTM , F5 DNS, APM ,iRule, Profile ,SSL offloading
* Experienced in implementing and managing F5 BIG-IP load balancing, including GTM, APM, ASM, and custom iRule development.
* Providing Level 3 support to customers, resolving issues by attending to conference calls.
* Configuring multiple route reflectors within a cluster.
* Worked with Juniper Net Screen 500/5200 and also juniper SRX 650/3600
* Implementation of Palo alto firewalls in standalone, vwire, active/passive & active/active modes
* Setup of Central Panorama console to manage Palo Alto firewalls 3020,3050,5020 & VM-200 models
* Working on HP open view map for Network Management System and Ticketing.
* Deployed and configured Cisco ASR 1000, 7000, 9000 series routers
* Implementation of Juniper Firewall, SSG Series, Net screen Series ISG 1000, SRX Series
* Involved in L2/L3 Switching technology administration including creating and maintaining VLANs, Port security, Trunking, STP, Inter Vlan Routing, LAN security.
* Working on security levels with RADIUS, TACACS+.

**Access Telecom (BD) Ltd, Dhaka, Bangladesh Jun’13– May ‘15**

**Role: Network Engineer**

**Responsibilities:**

* Configuring HSRP between the 3845 router pairs of Gateway redundancy for the client desktops.
* Configuring GLBP, VLAN Trunking 802.1Q, STP, Port security on Catalyst 6500 switches.
* Configuring and troubleshooting CISCO catalyst 6509, 7609, 7613 with Supervisor cards, Cisco 3640, Cisco GSR 12416,21418(with PRP and RPR processors)
* Excellent Troubleshooting Skills and Customer Centric approach.
* Analyzed customer application and bandwidth requirements, ordered hardware and circuits, and built cost effective network solutions to accommodate customer requirements and project scope.
* Modified internal infrastructure by adding switches to support server farms and added servers to existing DMZ environments to support new and existing application platforms.
* Worked extensively on ASR 1000 Series, Cisco 3945, Cisco 2921, and Cisco 2911 routers. This includes dynamic routing, VRF, VPN, NAT, ACL, and QOS
* Designed and implemented DMZ for Web servers, Mail servers & FTP Servers using Cisco ASA5500 Firewalls.