

Rameez Syed

Sr Network Engineer / Admin - Charter Communications

Greenwood Village, CO - Email me on Indeed: [indeed.com/r/Rameez-Syed/932ffa897fec5618](https://www.indeed.com/r/Rameez-Syed/932ffa897fec5618)

Willing to relocate: Anywhere

WORK EXPERIENCE

Sr Network Engineer / Admin

Charter Communications - Greenwood Village, CO - March 2016 to Present

Responsibilities:

- Daily work includes handling DNS, IP management and DHCP tickets using Vital QIP. Assigning and maintaining IP addresses for UHG internal external and tricare environments.
- Handling DNS, Subnet and IP requests expeditiously but carefully from work intake buckets (various).
- Ability to perform problem solving on DNS issues and take turn with on-call support.
- DNS and IPAM Infoblox device configuration, management and operations in an enterprise environment.
- Planning, Designing & implementing various solutions in distributed environment using Checkpoint, Cisco PIX & ASA, and Palo Alto NGFW.
- Principal researcher and outbound industry expert on Carrier IT, including NFV and SDN across all layers of the carrier infrastructure, and the enterprise customers of carriers.
- Supporting EIGRP and BGP based on the network by resolving level 2 & 3 problems of internal teams & external customers of all locations.
- Enterprise Routing experience using protocols RIP v1 & 2, EIGRP, OSPF and BGP.
- Acted as Atmos Market Liaison for DMVPN Network Changes/Circuit Upgrades with FSA's / Mgmt / LECS.
- Linux and BIND configuration, zone transfer, data import/export and/or understanding for transition to Infoblox environment.
- Implementation of Cisco's Virtual Office solution through utilization of DMVPN tunneling, and Arcana Networks MEVO server.
- Re-engineering of APHIS DMVPN solution to include EIGRP failover and route tagging.
- Working with Cisco Channel partners to build practices around Cisco ACI and Nexus 9000.
- Windows DNS and Active Directory (conditional forwarding, etc.) knowledge/administration to support Windows team for DNS.
- Configuration and Administration of Palo Alto Networks Firewall to manage large scale Firewall deployments.
- Configured and managed updated Cisco Network Systems with routers for MPLS Client VPN, Site-to-Site VPN and Dynamic VPN (DMVPN).
- DNS name resolution Moves, Adds, Changes and Deletions (MACD).
- Updating of DNS ISP infrastructure through zone transfers.
- Provided DNS engineering support to DNS Architect and DNS team.
- Serve as the first point of contact for troubleshooting hardware and software for DNS problems.
- Ability to work up to an in-depth understanding of the overall network infrastructure and the ability to provide remote troubleshooting and resolution.
- Proficient in load balancing platforms such as NetScalers, Cisco ACE.
- Maintaining and updating inventory using Network Management Application layer software's like SNMP, Wireshark, NTP, and Syslog.
- Working with monitoring tools such as airwave, Tufin, CSM and SolarWinds.
- Experience with DNS Simple Failover.

- Installation and maintenance of Windows NT and 2000/2003/2008 DNS, DDNS, DHCP and WINS Servers for the DOMAIN.
- Configured and managed Networking and Network Security by performing system administration / analysis that includes installing/configuring proxies, DNS, IP addressing scheme & IP subnetting with VLSM, configuring VLANs & Trunks.
- Installation, configuration and implementation of Windows 2003/2008 ADS, DNS, DHCP.
- Implementing security Solutions using Palo Alto PA-500, PA-2020, Check Point Firewalls R75, R77.20 GAIA.
- Aided in troubleshooting potential network issues in rolling out ISE.
- Worked on FTP, HTTP, DNS, DHCP servers in windows server-client environment with resource allocation to desired Virtual LANs of network.
- Production environment experience consisting of Global load balancing, local load balancing, SSL acceleration, HTTP compression/caching, and DNS.
- Strong experience with F5 Load Balancing platforms, integration / configuration / administration.
- Configured access layer switches in the ISE lab for implementation testing.
- Configured F5 Big IPs with VIPs, Pool, IRules and SSL certificates to ensure traffic was load balanced. Tested end to end connectivity via firewalls, routers and switches.
- Design and deployed F5 LTM and GTM load balancer infrastructure per business needs from the ground up approach.
- Implemented antivirus and web filtering on Juniper SRX 240 at the web server.
- Integrating Configuring Cisco Wireless LAN Controllers WLC with ISE to perform Dot1x authentication for Wireless users.
- Managed Juniper SRX firewalls and IPS systems using CSM and ASDM.
- To secure configurations of load balancing in F5, SSL/VPN connections, Troubleshooting CISCO ASA firewalls, and related network security measures.
- Maintained BIG IP F5 APM VPN and provided solutions for intricate issues.
- Upgrading and relicensed F5 LTM.
- Configuring policies on Juniper SRX, Netscreen and Cisco ASA firewalls.
- Upgrade of juniper firewalls and management servers from SRX110 to SRX 5400.
- Established IPSec VPN tunnels between branch offices and headquarter using Juniper SRX Firewall
- Configuring F5 LTM VIPs, pools, monitors.
- Proficient in using F5 GTM, AFM, ASM and other F5 components to protect against advanced DDoS attacks.
- Assigned IP addresses and DNS entries, PTR/MX/A/Reserved, in Infoblox and tested configurations.

ENVIRONMENT: Redhat Linux, Alcatel-lucent Vital QIP, Windows server manager, Venafi, Secure CRT, ESD center, HP server manager, HP open view.

Network Engineer

DST Systems - Kansas City, MO - December 2014 to February 2016

Responsibilities:

- Configured Catalyst switch 2960, Catalyst Switch ME 3400E, 3600X, 2600X, ME 4600 series, Nexus switches N5K (FCoE), N7K (Nexus) and ASR routers ASR 1k (1001, 1004, 106, 1013), ASR 9k and ASR 900 in enterprise network environment.
- Configured ASR9k which was compatible with IOS XR software. Responsible for configuration and maintenance of the network running on OSPF, & BGP at layer 3.
- Hands-on experience in leading all stages of customer needs and business requirements, analysis efforts, including requirements definition, design, architecture, testing, and also translating it into networking solutions/ deployments.
- Troubleshooting and verification of Cisco VDC, VPC, OTV & Fabric path Technologies
- Experience in Network security, Security Controls (firewalls, IDS/IPS, authentication, etc.), TCP/IP.

- Configured and basic trouble shoot of IP phones [VoIP], configured gateways and gatekeepers.
- Configured asterisk voice server using command line Interface including IP phones [VoIP].
- Completed the installation of a Cisco Call Manager/Unity lab to test the enhanced feature set of latest hardware/software, service releases, patches, and firmware
- Integrated Cisco Emergency Responder with Cisco Call Manager
- Setup Virtual Test Environment using VMware ESXi 4.1 (Cisco UCS)
- Complete understanding of basic and advance F5 load balancer configurations, including migrating configurations from Cisco CSS to F5 load balancer and general troubleshooting of the F5 load balancers.
- Configuring remote access and firewall rules using Cisco PIX. SDM and ASDM for tunnel configuration and configured checkpoint to cisco ASA firewall.
- Implemented firewall policies on Cisco ASA, Cisco PIX, Checkpoint Provider-1/SiteManager-1 NGX R65, Firewall-1/VPN-1 NGX R65 Gateways, Fortinet-20C,110, Palo Alto (PA-3050, PA-5050) and Secure Platforms
- Access Control Server configuration for RADIUS & TACACS+.
- Configured site-to-site VPN and client-to-site VPN on checkpoint firewall and Cisco ASA.
- Extensive Working & Configuring experience of firewalls Cisco PIX (515/535/525), Cisco ASA Appliance ASA 5510, 5520, and 5540.
- Extensive working and implementation exposure to IPSEC L2L standalone VPN, IPSEC L2L with VPN HA - HSRP and Remote Access VPN for telecommuters (RA VPN)
- Configured IP Access Control Lists, Deployed GRE Tunnel
- Reconfigured layer 2 networks for RSTP mode and maintained stable STP architecture using the protocols such as Root guard, BPDU guard and Loop guard.
- Implementation of TCP/IP & related Services-DHCP/DNS/WINS.

Environment: Cisco Routers 2500, 3600; Cisco Switches 3500, 2900 and 1900 series; Routing protocols RIPv2, EIGRP, OSPF, BGP; RADIUS & TACACS, Switching Protocols STP, VTP, RSTP and VLAN; Cisco PIX (515/535/525), Cisco ASA 5510, 5520, and 5540, Palo Alto (PA-3050, PA-5050); Firewall Security Protocols: ACL, NAT, PAT.

Network Engineer

Syntel - Hyderabad, ANDHRA PRADESH, IN - October 2012 to November 2014

Responsibilities:

- Configured Cisco Routers (4000, 3000, 2500) using RIP, IGRP, OSPF, EIGRP.
- Configure Cisco Switches (5000, 3524, and 2900). Installed and configured workstations for IP/IPX based LAN's. Installed and configured DHCP Client/Server.
- Re-engineered BGP routing (Route Maps, AS-Path prepend, MED, Local Preference) to load balance traffic across multiple ISP's links.
- Troubleshoot OC-3, DS3, DS1, and ISDN connectivity issues.
- Negotiate service contract with circuit carriers.
- Monitored the links, nodes, application, network outages, fiber cuts and rerouted the fiber links using ECI, Alcatel and IBM Netcool monitoring tool in data center.
- Design & Implemented Network's Infrastructure Fiber Backbone
- Checked link stability, coordinate with field engineer to resolve link related issues.
- Oversaw network migration of WAN links to new service provider, designed full mesh WAN, set up TFTP server to backup, and restored configuration and IOS image files for the PIX, Cisco routers, and Catalyst switches
- Maintained backbone network system
- Responsible for designing, implementing and monitoring Ibeam customer Co-Location environment.
- Configure Extreme Black Diamond Switches (layer 2, 3 and 4 switching).
- Migrated network from full mesh frame relay to Point-Point T1 on larger sites, and implemented IPsec VPN on smaller sites

- Experience in Network security, Security Controls (firewalls, IDS/IPS, authentication, etc.), TCP/IP.
- Administration of VPN authentication system utilizing RSA (Secured). Distribution, maintenance and administration of tokens for remote user access.
- Design and implement security policies using ACL, PIX firewall (515, 520) and Provide intranet VPN solution using Cisco 2621 and IPSec Tunneling.
- Configure F5 Load balancer BIGIP, Citrix NetScaler to provide Load configuration and Balancing for server farm.
- Configure Terminal Servers for out-of-band management.
- Worked on project for overhauling and replacing existing Avaya and many other phone systems to deploy all of Cisco Unified Communication technologies, Cisco Voice Gateways.
- Build and maintain Microsoft Visio documentation database of network topology.

Environment: Cisco Switches (5000, 3524, and 2900), Cisco Routers (2500, 3000, 4000), Cisco PIX (515, 520), F5 Load balancer BIGIP, Citrix NetScaler, Black Diamond Switches, cisco ASA (5505, 5510) firewall, juniper firewall, Routing Protocols (EIGRP, OSPF, BGP), network migration, Switching protocols (VTP, STP), Site to Site VPN, Remote Access VPN, Cisco VPN 3000 Concentrator.

Support Engineer

Allscripts - Pune, Maharashtra - September 2010 to August 2012

Responsibilities:

- Assigned a project to set up LAN. Worked on the entire project from cabling to IP addressing assignment.
- Supporting wide range of products from Cisco Systems, Troubleshooting of Routers, Switches, Leased line.
- It was a Microsoft windows based network with 1500 hosts.
- Troubleshooting training lab issues and Routers, Switches, Leased line.
- Expert knowledge of routing protocols like RIP, RIP V2, IGRP, EIGRP and OSPF.
- Basic /Advanced Security Services for protecting the perimeter of the network, Cisco IOS Firewall features (CBAC)(CONTEXT-BASED ACCESS CONTROL), PIX Firewall.
- Worked as part of a team for Cisco Product Support. Troubleshooting by providing relevant knowledge base articles and other information. Installation and Configuration of LAN (Ethernet)/ WAN, internet, intranet set up for Clients. Design, configuration and Installation of Cisco routers 3600 and catalyst switches 3700, 3750.
- Configured VPN for the remote and site-to-site access.
- Part of troubleshooting team for checkpoint firewall.

Environment: Cisco routers 3600 and catalyst switches 3700, 3750 RIP, RIP V2, IGRP, EIGRP and OSPF, LAN (Ethernet)/ WAN, PIX Firewall, VPN.

EDUCATION

Bachelor in Electrical and Electronics Engineering

JNT University-Hyderabad - Hyderabad, ANDHRA PRADESH, IN

SKILLS

CISCO (6 years), FIREWALL (6 years), SECURITY (6 years), VPN (6 years), ACCESS (5 years)

LINKS

<http://www.cisco.com/go/verifycertificate>

ADDITIONAL INFORMATION

TECHNICAL SKILLS

Routers: Cisco 2500, 3600, 3700, 7200, ASR routers ASR 1k (1001, 1004, 106, 1013), ASR 9k and ASR 900

Switchers: Cisco 2900, 3560, 3750, 4500, 6500, Juniper, Catalyst switch 2960, Catalyst Switch ME 3400E, [...] ME 4600 series, Nexus switches N5K (FCoE), N7K (Nexus), N9K.

Firewall: Cisco PIX, Cisco ASA, Checkpoint, Sonicwall.

LAN: Ethernet, Fast Ethernet, Gigabit Ethernet Cisco Secure Access Control Server (ACS) for Tacacs+/Radius.

WAN: Frame Relay, ISDN T1/E1 (PRI/BRI), PPP, ATM and MPLS.

VPN Technologies: GRE Tunneling, Remote Access VPN, Site-to-Site VPN.

Load Balancer: Big IP F5 Load Balancer, Cisco ACE, Citrix NetScaler.

Network Security: DHCP Snooping, IP Source Guard, Dynamic Arp Inspection, 802.1x, URL Filtering -Web-sense, SSL,IPSEC, IKE, Static, Dynamic, Reflexive ACL, and authentication AAA (TACACS+ & RADIUS).

Infrastructure: SNMP, wins, NTP, DNS, DHCP, SMTP, CIFS, LDAP, WCCP, HTTP, FTP.

Protocol Tester: Spirent, Ixia, Wireshark.

Scripting Language: Python, Perl, shell, bash, VB script.

Monitoring Tools: Splunk, Nagios, Tivoli IBM Netcool, Alcatel, ECI.

Operating Systems: Windows, Linux (RedHat, Ubuntu), Cisco IOS.

Cloud Services: AWS, Azure, 365, openstack.