

Yugi chinna

Sr. Network Engineer - Verizon Wireless

Irving, TX - Email me on Indeed: [indeed.com/r/Yugi-chinna/3955f177d0f21447](https://www.indeed.com/r/Yugi-chinna/3955f177d0f21447)

- 8+ years of experience in Networking, including hands-on experience in providing network support, installation and analysis for broad range of LAN/WAN/MAN communication systems.
- Proficient in Cisco IOS for configuration & troubleshooting of routing protocols: MP-BGP, OSPF, LDP, EIGRP, RIP, MPLS and BGP v4.
- Installed & Configured: Cisco Routers: 3600, 2600, 2500, Catalyst Switches: 6500, 5500, 3550, and 2900s and Nexus 7K, 5K and 2K switches.
- Excellent knowledge in Routing, Switching, Firewall and Gateway technologies, system design, wireless design, data network design, capacity management and network growth.
- Hands on experience in installing, configuring, maintaining and troubleshooting Cisco Switches, Cisco Routers, Juniper EX Switches, Juniper Routers and Cisco Nexus Switches.
- Involved in troubleshooting of DNS, DHCP and other IP conflict problems.
- Responsible for Check Point and Cisco ASA firewall administration across global networks.
- Experience in working with Cisco Nexus Switches and Virtual Port Channel configuration.
- Knowledge of implementing and troubleshooting complex layer 2 technologies such as VLAN Trunks, VTP, Ether-channel, STP, RSTP and MST.
- Configuration and troubleshooting of Cisco 2500, 2600, 3000, 6500, 7500, 7200 Series routers and Cisco ASR 9K /1K.
- Hands on experience in implementation and deploying BIG-IP F5 LTM load balancers for load balancing and network traffic management for business applications.
- Worked on F5 LTM, GTM series like 6400, 6800, 8800 for the corporate applications and their availability.
- Implementation of HSRP, VRRP for Default Gateway Redundancy.
- Experience in testing cisco routers and switches in laboratory and deploy them on site production.
- Expert level knowledge on OSI model and TCP/IP protocol suite.
- Worked on Network Topologies and Configurations, Routers, Frame Relay, Token Ring, ATM, Bridges, Switches, Hubs and Repeaters.
- Strong knowledge of TACACS+, RADIUS implementation in Access Control Network.
- Experience in Designing and Assisting in deploying enterprise wide Network Security and High Availability Solutions for ASA.
- Knowledge on Data Center Design with Cisco Nexus in troubleshooting of DNS, DHCP and other IP conflict problems.
- Worked extensively in Configuring, Monitoring and Troubleshooting Cisco's ASA 5500/PIX security appliance, Failover DMZ zoning & configuring VLANs/ Routing/NATing with the firewalls as per design.
- Worked on Extensively on Cisco Firewalls, Cisco PIX [...] & ASA [...] Series.
- Responsible for Checkpoint and Cisco ASA firewall administration across our global networks.
- Strong knowledge of Cisco and Juniper software (IOS/XR and JunOS) and hardware.
- Installation, configuration, and management of WAN optimizer, Riverbed Steelhead.
- Experience with Migrations of Cisco ASA firewall to Palo Alto firewall
- Experience with clustering of Palo Alto firewalls
- Experience with hardware load balancer administration and support, preferably with F5 and Cisco ACE load balancers.
- Experience with convert Checkpoint VPN rules over to the Cisco ASA solution. Migration with both Checkpoint and Cisco ASA VPN experience.
- Experience in layer-3 Routing and layer-2 Switching.
- Experience with VOIP and QOS implements and support.

- Experience in installing and configuring DNS, DHCP server.
- 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.
- Experience with Putty, Exceed, Secure CRT, GNS 3 and Cisco Packet Tracer.
- Adept in preparing Technical Documentation and presentations using Microsoft VISIO/Office.
- Ability to Install, Manage & Troubleshoot Large Networks & Systems Administration on Windows & Linux platforms in Development, Lab & Production Environments.
- Excellent customer management/resolution, problem solving, debugging skills and capable of quickly learning, effectively analyzes results and implement and delivering solutions as an individual and as part of a team.

Willing to relocate: Anywhere

Sponsorship required to work in the US

WORK EXPERIENCE

Sr. Network Engineer

Verizon Wireless - Irving, TX - December 2015 to Present

Verizon Wireless (legally named Cellco Partnership often branded and referred to as Verizon) is an American, wholly owned subsidiary of Verizon Communications offering wireless telecommunications products and services. With 142.8 million subscribers, as of July 2016, Verizon Wireless is the largest wireless telecommunications provider in the United States.

Responsibilities

- Installing, Configuring and troubleshooting Cisco Routers (ASR1002X, 1006, 3945, 3845, 2800, 3600) and Switches to perform functions at the Access, Distribution, and Core layers.
- Experience with configuring routing protocols such as OSPF and Policy based Routing
- Implemented the Juniper switches, Routers and Firewall and also had experience in troubleshooting them.
- Experience with configuring Load Balancing methods in F5 LTM and also configured the virtual server.
- On Catalyst 6500 switches configured VLAN Routing
- Experience with configuring Hot Standby Routing Protocol HSRP and VLAN Trunking Protocol
- Involved in writing irule syntax using TCL language and also in rule management such as loading rules
- By configuring VLAN's, optimized the performance of WAN network
- Installed Firewalls with both LAN and WAN and also configured them accordingly.
- Configured Cisco 7200, 7600, 3800 and 3600 routers.
- Performed Configuration on ASR 9K Pairs includes HSRP, Bundle Ethernet Config, Assigning DHCP profiles.
- Link state protocols such as OSPF are configured and also had experience in troubleshooting them.
- Involved in the removal of EIGRP from all devices and making OSPF the primary routing protocol.
- Deployed the Cisco 3500 Access Points using Cisco Wireless controllers 5500 and 2500 and WCS System.
- Experience working in environments with diverge network systems and components like Nexus 5000, Nexus 1000V, Nexus 7000.
- Performed load balancing and application level redundancy by deploying F5 BIG-IP LTM 3900.
- Virtual Port Channel configuration on the Cisco Nexus 5000 series.
- Virtual Device Context configuration on the Cisco Nexus 7000 series.
- Configuring Virtual Chassis for Juniper switches EX-4200, Firewalls SRX-210
- Used Spanning Tree Protocol and also configured BPDU Guard, Port-Fast, Up-Link Fast.
- Experience with installing and configuring Spanning Tree Protocol, Trunking (dot1q and ISL) and Ether channel on Campus network Design Architecture.

- Configuring, testing, and troubleshooting routing and switching issues and related protocols associated with packet networks including MPLS and traffic engineering (QoS).
- Performed installation and configuration Cisco Secure Access Control Server (ACS) configuration for AAA (RADIUS) authentication.
- Extensive Knowledge on the implementation of Cisco ASA 5500 series and checkpoint R 75 firewalls.
- Implementing Citrix NetScaler 10 for Networking and Traffic Optimization (CCA) (BETA), Citrix License CTX482174 November 2012
- Experience with Monitoring wireless networks and performing site surveys.
- Cisco ASA Firewall troubleshooting and policy change requests for new IP segments that either come on line or that may have been altered during various planned network changes on the network.
- Extensive Knowledge on the implementation of Cisco ASA 5500 series and checkpoint R 75 firewalls.
- Installation and configuration of Palo Alto firewalls
- Experience with Migration of Cisco ASA firewall to Palo Alto firewall
- Experience with upgrading troubleshooting network outages and also upgrading IOS
- Implemented NAT's solutions on Cisco Routers and configured IP access filter policies
- Experience with using test tools like STC, IXIA, etc. and good knowledge in virtualization.
- Experience with implementing and maintaining network monitoring systems such as Cisco works and HP Open view and have experience with developing complex network design documentation and presentations using VISIO.

Environment: Cisco 7200 / 7600 / 3800 / 3600 routers, Cisco 6500 switches, Cisco 3500 Access points, Cisco Wireless controllers 5500 / 2500, Nexus switches 5000 / 1000v / 7000, Cisco ASA 5500, Load Balancer F5, Checkpoint R75, SRX -210/Palo Alto

Sr. Network Engineer

General Motors - Alpharetta, GA - August 2014 to December 2015

General Motors Company, commonly known as GM, is an American multinational corporation headquartered in Detroit, Michigan, that designs, manufactures, markets, and distributes vehicles and vehicle parts, and sells financial services. The current company, General Motors Company LLC ("new GM"), was formed in 2009 as a part of its 2009 bankruptcy restructuring, after the bankruptcy of General Motors Corporation ("old GM"). The new company purchased the majority of the assets of "old GM", including the name "General Motors".

Responsibilities:

- Installation and Configuration of Composite Network models consists of Cisco 7600, 7200, 3800 series routers and ASR 9k, GSR 12K routers and Cisco 2950, 3500, 5000, 6500 Series switches.
- Configured routing protocol OSPF, EIGRP, BGP with Access Control lists implemented as per Network Design Document and followed the change process as per IT policy It also includes the configuration of port channel between core switches and server distribution switches
- Key contributions include troubleshooting of complex LAN/WAN infrastructure that include routing protocols EIGRP, OSPF & BGP.
- Experience configuring Virtual Device Context Virtual Port Channel in Nexus 7010
- Responsible for day to day management of Cisco Devices, Traffic management and monitoring.
- Experience in HSRP standby troubleshooting & Experience in configuring & upgrading of Cisco IOS
- Installation, Configuration and troubleshooting Cisco switches and Firewall on multi-mode context based environments
- Implemented various OSPF scenarios on networks consisting of 7600 routers.
- Configured policy based routing for BGP for complex network systems.
- Configured Multiprotocol Label Switching (MPLS) VPN with Routing Information Protocol (RIP) on the customer's Site.

- Provided application level redundancy and availability by deploying F5 load balancers LTM.
- Upgrading system images on Nexus 5 and 7 multi-layers switches using kick start and FTP server.
- Configured Multicasting by using protocols such as PIM and IGMP.
- Designed Core System architecture for Voice and Data networks
- Deployment and Management of Cisco call Manager 4.x, 6.x, 7.x and hands on experience on call admission control
- Router Microsoft VPN Server in order to access certain limited network resources from customer locations
- Responsible for turning up BGP peering and customer sessions, as well as debugging BGP routing problems.
- Designing and Implementation of (LAN) VLANs, VTP, Spanning Tree (STP), Trunking (dot1q and ISL) and Ether channel.
- Hands on Experience with Cisco Wireless Controllers 5500's and 2500's and coming to access points, worked on 3700's, 3500's and 1142 access points.
- Installed and configured PIX 525 and ASA 5505 in customer locations. In addition to that, PIX firewall configured for the Guest access
- Experience with clustering of Palo Alto firewalls
- Configuring rules and maintaining Palo Alto firewalls and analysis of firewall logs using various tools.
- Good Knowledge in using IPS/IDS devices
- Involved in Management of Infoblox Grid Manager to manage DNS Forward and Reverse Lookup zones
- Involved in the redistribution into OSPF on the core ASA firewall.
- Involved in the removal of EIGRP from all devices and making OSPF the primary routing protocol.
- Involved in the modification and removal (wherever necessary) of BGP from the MPLS routers.
- Involved in designing L2VPN services and VPN-IPSEC authentication & encryption system.
- Tuned BGP internal and external peers with manipulation of attributes such as metric, origin and local Preference.
- Configuring and implementing F5 BIG-IP, LTM, GTM load balancers to maintain global and local traffic
- Worked as Telecommunications technician with broad experience in both business and consumer lines
- Configuring, Installing and troubleshooting on Check Point Devices.
- Good knowledge on Intrusion Detection and Intrusion Prevention System.
- Involved in migration of Cisco Pix firewall to Cisco ASA.
- Knowledge on multiplex techniques such as DWDM.
- Configured networks using routing protocols such as RIP, OSPF, BGP and manipulated routing updates using route-map, distribute list and administrative distance for on-demand Infrastructure.
- Implemented Hot Standby Router Protocol (HSRP) by tuning parameters like preemption.
- Worked on FTP, HTTP, DNS, DHCP servers in windows server-client environment with resource allocation to desired Virtual LANs of network.
- Used Tcpdump to analyze packets on the TCP/IP and also provides brief display of packet.

Environment: Cisco 7600 / 7200 / 3800 routers, ASR 9k, GSR 12k. Cisco 2950 / 3500 / 5000 / 6500 Switches, Nexus 7000 series, Cisco wireless controllers 5500 / 2500 Cisco Access points 3700 / 3500 / 1142 access points, Load Balancer, Checkpoint, Cisco PIX 500 series, Cisco ASA 5505/Palo Alto

Network Deployment Engineer

Vonage - Atlanta, GA - October 2012 to July 2014

Vonage is a publicly held Internet telephony service provider, providing business and residential telecommunication services based on voice over Internet Protocol (VoIP). The company was founded in 2001 and is headquartered in Holmdel Township, New Jersey.

As of 2014, Vonage reported approximately 2.5 million subscriber lines, in conjunction with mobile application services. Through a series of recent acquisitions, Vonage, previously a consumer-focused service provider, expanded its presence in the business marketplace

Responsibilities:

- Configuring routing protocols OSPF, EIGRP, RIP, MPBGP, LDP and BGPV4.
- Implemented DHCP, DNS, IPAM configuration on the servers to allocate, resolute the ip addresses from Subnet.
- Configuring HSRP between VLANs, Configuring Ether-Channels, Port Channel on 6500 catalyst
- Switches Replace branch hardware with new 2851 routers and 2960 switches.
- Configuring and troubleshooting Juniper Netscreen Firewalls using NSM.
- Experience in working with cisco Nexus 5000 series switches for data center.
- Conversions to BGP WAN routing, which converts WAN routing from OSPF to BGP (OSPF is used for local routing only) that involves new wan links.
- Configuring various advanced features (Profiles, monitors, iRules, Redundancy, SSL Termination, Persistence, SNATs, HA on F5 BIGIP appliances SSL termination and initiation, Persistence, Digital Certificates, Executed various migration/upgrade projects across F5 and hands on with F5 BIGIP LTMs/EM.
- Configuring, Installing and troubleshooting on Check Point Devices.
- Configured various BGP attributes such as Local Preference, MED, Extended Communities, Route-Reflector clusters, Route-maps and route policy implementation.
- Actively participated in upgrading fast Ethernet, Layer 3-switched/Routed LAN infrastructure from Cisco 3640 to Cisco 2811 ISR routers and switches at access level to 2950, 3550.
- Converting CatOS to Cisco IOS Config Conversion on distribution layer switches.
- Configuring VLAN's, VTP's, enabling trunks between switches.
- Configured VLANs with 802.1q tagging. Configured Trunk groups, ether channels, and Spanning tree for creating Access/distribution and core layer switching architecture.
- Configured various Router interfaces like ATM interface, T3 & Channelized T1 interfaces.
- Installing, configuring, troubleshooting, supporting, Implementing and managed Security profiles for URL Filtering based on Active Directory groups to meet the URL access needs for each group, Utilizing a Palo Alto firewall.
- Configured policies and URL filtering according to company security policy on Palo Alto fire wall.
- Configuring and troubleshooting CISCO catalyst 6509, 7609, 7613 with Supervisor cards, Cisco 3640, Cisco GSR 12416, 21418 (with PRP and RPR processors).
- Worked on Extensively on Cisco Firewalls, Cisco PIX (506E/515E/525/) & ASA 5500(5510/5540) Series.
- Experience with design and implementation of Data center migration at NBC Universal
- Data center migration was involved in Access, Distribution and Core layers.
- Wrote IOS and CAT OS upgrade procedures and Pre/Post checks for customer production upgrades.
- Strong Knowledge in working with F5 Load Balancers and their Implementation in various Networks.
- Created MOPS and get approval from peers to perform configuration add/ remove changes.
- Excellent Troubleshooting Skills and Customer Centric approach.

Environment: Cisco 3750/3550/3500/2960 switches and Cisco 3640/12000 /7200/3845/3600/2800 routers
Cisco Nexus 5K, 2248/3560/5020/6509, Cisco ASA5510, Checkpoint.

Network Engineer

TTX - Chicago, IL - December 2010 to September 2012

TTX Company (formerly Trailer Train) is a leading provider of railcars and related freight car management services to the North American rail industry. TTX's pool of railcars - over 220,000 cars and intermodal wells -

is ideal for supporting shippers in the intermodal, automotive, paper & forest, metals, machinery, wind energy and other markets where flatcars, boxcars and gondolas are required.

Owned by North America's leading railroads, TTX's free-running pools provide fungible assets that minimize total empty miles, further lowering costs and minimizing risk for the industry, helping the railroads conserve their capital for other critical infrastructure needs. Customers easily recognize TTX's bright yellow cars as a consistent, high quality, well-maintained fleet that serves many transportation needs

Responsibilities:

- Responsible for the configuration of Cisco Routers (7000, 5300, 4000, 2500, 3000, 2600) using RIP, IGRP, OSPF, EIGRP, BGP
- Implemented Cisco IOS Firewall IDS using 2600 series router
- Configured and installed multi-protocol (IP, IPX) multi-interface Cisco routers
- Managed office network with Cisco devices with network devices including 2500 and 3600 series routers and 3500, 2900, 1900 series switches
- Analyzed and resolved a high percentage of initial customer contact in the areas of PC/LAN.
- Dealt with customer problems to management and support groups utilizing standard escalation model.
- Extensive experience in configuring and implementing OSPF and BGP.
- Supported core network consisting of Cisco 7200 series routers running multi area OSPF.
- Configured EIGRP and OSPF as interior gateway protocol with route filtering and route redistribution, installed and maintained Cisco 3600, 2600 and 7200 backbone routes with HSRP
- Implemented stub/Totally stub areas and various OSPF features like route-summarization and SPF throttling.
- Hands-on experience with WAN technologies like T1/T3, DS3, STM1 and STM4 circuit types
- Implemented Cisco Secure Access Control Server (ACS 3.0) for TACACS+/RADIUS
- Knowledge with redistribution of routing protocols and Frame-Relay configuration
- Handled Network Migration from RIP to OSPF
- Implementation of TCP/IP and related Services-DHCP/ DNS/ WINS
- Configured, maintained and troubleshot routing protocols such as OSPF, EIGRP and BGP.
- Engaged in office moves, helped in identifying network requirements of new building, installed new networking hardware, and coordinated with vendors for cabling/wiring
- Performed troubleshooting, while maintaining trouble ticket tracking, following both internal/external routes.
- Assisted with escalation procedures and customer notifications.
- Configured Cisco Routers for OSPF, IGRP, RIPv2, EIGRP, Static and default route.
- Upgraded Cisco Routers, Switches and Firewall (PIX) IOS using TFTP
- Acted as Tier 3 support for connectivity, failures, configuration, implementation, and troubleshooting.
- Provided project management for data center cabling, documented all network drawings using Visio
- Design, test, and implement global Next Generation MPLS network (150 sites) using Cisco 3800, 2800, 2600, and 1721 routers using BGP and EIGRP protocols.
- Implementing traffic policy changes with Cisco PIX Firewall appliance switch WAP configuration and installations.

Environment: Cisco 2600 / 2800 / 3600 Cisco 2950 / 2960 series switches, Cisco Routers 7000, 5300, 4000, 2500, 3000, 2600, NAT, PAT, DHCP, DNS, OSPF, EIGRP, ASR, TCP/IP, LAN, WAN.

Network Engineer

Nagarro - IN - April 2009 to November 2010

Nagarro is a custom software development and business consulting company that provides consulting and technology services to its clients. It is headquartered in Munich, Germany and has its primary development center in Gurgaon, in the National Capital Region of India.

Responsibilities:

- Configured and installed Cisco routers 2500, 2600, 3601 and 4000 series. 2950 Switches & Link sys wireless access points
- Handled the up gradation and replacement of network components like NIC cards, display cards, RAM, keyboard, mouse and other peripherals/ devices.
- Handled installation of operating systems (NT/2000, MS Office, XP), troubleshooting of operating systems and configuring the servers.
- Gained knowledge in IP Subnetting for Class A, B, and C networks.
- Documented the design, implementation and troubleshooting procedures.
- Configured and troubleshoot VLAN, VTP, STP and Trunks.
- Remotely testing links up to 1.5 Mbps using tools like REACTS.
- Configured routing protocols like RIP, EIGRP, OSPF and BGP on Cisco devices
- Good knowledge on troubleshooting the routing protocols.
- Recovered lost passwords and created standard access-lists and extended access list to new users.
- Monitoring network performance to improve the backup strategy using Netrep, Solar winds.

Environment: Cisco 2500 / 2600 / 3601 / 4000 routers, Cisco 2950 switches, link sys access points.

EDUCATION

Bachelors of Technology in Electronics and Communication Engineering

JNTU - Hyderabad, ANDHRA PRADESH, IN

Masters in Computer Science

Rivier University

SKILLS

CISCO (8 years), EIGRP (8 years), OSPF (8 years), ROUTING PROTOCOLS (8 years), HSRP (6 years)

ADDITIONAL INFORMATION

Technical Skills:

Network Configuration Advanced switch/router configuration (Cisco IOS access list, Route redistribution/ propagation).

Routing Protocols IGRP, EIGRP, OSPF, BGPv4, MP-BGP

WAN Protocols: HDLC, PPP, MLPPP

Circuit switched WAN T1/E1 - T3/E3/OCX (Channelized, Fractional & full).

Packet Switched WAN ATM, FRAME RELAY, MPLS, VPNs

Security Technologies Cisco FWSM/PIX/ASDM, Nokia Checkpoint NG, Juniper SRX, Palo Alto

Cisco Routers Cisco GSR 12416, 12418, Cisco 7200vxx, Cisco 3640, Cisco 3600

Cisco Switches Cisco 2960, Cisco 3560, Cisco 3750, Cisco 6500 series

Juniper EX Switches EX8200, EX4500, EX4200, EX3200, EX2500, EX2200 Series

Juniper Routers E, J, M and T- Series

Cisco Nexus Switches Cisco 7010, Cisco 7018, Cisco 5020, Cisco 2148, Cisco 2248

Layer 3 Switching CEF, MLS, Ether Channel

Layer 2 technology VLAN, VTP, VMPS, ISL, dot1q, DTP, Spanning-tree, PVST

Physical interfaces Fast Ethernet, Gigabit Ethernet, Serial, HSSI, Sonet (POS)

Redundancy and management HSRP, RPR, NSF/NSR

QOS CBWFQ, LLQ, WRED, Policing/Shaping.

Switches Catalyst 6500, MSFC, MSFC2, 7600, 3700, 3500

LAN Technologies Ethernet, Fast Ethernet, Gigabit Ethernet, & 10 Gigabit Ethernet, Port- channel, VLANs, VTP, STP, RSTP, 802.1Q.

WAN Technologies Frame Relay, ISDN, ATM, MPLS, leased lines & exposure to PPP, HDLC, and CSU/DSU.