

Nagaphani Inampudi

Network Engineer - SunTrust Bank

Atlanta, GA - Email me on Indeed: [indeed.com/r/Nagaphani-Inampudi/424f44ecd9e02ce8](https://www.indeed.com/r/Nagaphani-Inampudi/424f44ecd9e02ce8)

- Over 7 years of work experience in Network Routing, Switching, Security and Wireless configurations.
- Extensive hands-on experience in installing, configuring, maintaining and troubleshooting Cisco, Juniper Routers and Switches, Data flow.
- Responsible for maintaining an organization's local area network include installation, configuration, and testing of equipment.
- Experience in Layer 2 switching - Cisco Switches: 1900, 2900, 2950, 2960, 3550, 3750, 5000, 6500, 2300, 3500 series.
- Experience in Layer 3 routing - Cisco Routers: 2500, 2600, 3600, 3800, 3900, 7200 series, ASR 9000, 9001, 9006 series.
- Experience in site to site VPN configurations using Cisco ASA 5500 series firewalls, Checkpoint and Fortinet firewalls.
- Experience in VMware technologies and implementations like VMsbuild, snapshot creation, P2V and V2V migrations.
- Hands-on experience in Cisco firewall, Palo Alto next generation firewall, Protocol Analysis and monitoring network traffic.
- Implemented traffic filters on CISCO routes using Standard Access List and Extended Access list.
- Experience with installing and managing IT services such as Active directory, site replication, DNS, SSH, DHCP, DNS, NAT and Terminal service.
- Extensive knowledge and experience of routing and switching protocols OSPF, EIGRP, BGP and VLAN.
- Experience in migration/upgrade projects across F5 and hands on with F5 BIGIP LTMs/EM.
- Experience in Campus designing Access, Distribution, Core, implementing and Managing LAN, WAN solutions for different client setups.
- Good Knowledge in troubleshooting issues on NAT.
- Experience with installing and managing IT services such as DNS, DHCP, DNS, NAT and Access List.
- Working knowledge on configuring access lists.
- Network security including NAT/PAT, ACL, VPN Concentrator.
- Extensive hands-on experience in working with complex routed LAN and WAN networks, and preparing technical documentation.
- Involved in troubleshooting network traffic and its diagnosis using tools like ping, trace route, wire shark, tcpdump and Linux operating system servers.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Network Engineer

SunTrust Bank - Atlanta, GA - February 2015 to Present

Responsibilities:

- > Designed, installed, and maintained various WAN technologies and applications connecting remote sites to corporate headquarters.
- > Configured, implemented, and troubleshoot routers and switches with various account settings, permissions, and parameters.

- Configuring Static, IGRP, EIGRP, and OSPF Routing Protocols on Cisco ASR 9000, 9001, 9006, 6500 series Routers.
- Upgrading the checkpoint firewalls to latest version R77.30.
- Experience in Campus designing Access, Distribution, Core, implementing and Managing LAN WAN solutions for different client setups.
- Configured Easy VPN server and SSL VPN to facilitate various employees' access internal servers and resources with access restrictions
- Responsible for entire company network infrastructure that includes Cisco Switches, Routers, Firewalls, Access Points, and Servers.
- Done Bandwidth Upgrading for remote sites.
- Configured Switching, Data flow.
- Configured Protocol Analysis, NAT and PAT policies.
- Experience in deploying EIGRP/BGP redistribution and the changing the metrics for the primary and backup.
- Configuration and troubleshooting of EIGRP, OSPF, BGP.
- Installed and configured DHCP, DNS Server.
- Support the project manager in defining the work and the associated effort, duration, and resource needs to deliver the solution.
- Networking protocols worked with included but not limited to TCP/IP, DNS, WINS, DHCP, VPN, Terminal Services, Routing and Remote Access, Network Design, wiring and cabling.
- Configured IPSec site-to-site VPN connection between Checkpoint firewalls and Fortigate firewall.
- Communicate status to the project manager to provide completion status of assigned tasks, estimate to complete for remaining effort, and associated issues/risks.
- Worked on Cisco Wireless LAN controller and Aruba wireless networks.
- Based on defined technical requirements and architecture blueprints work with a cross-functional team to develop the network detailed design and associated network specifications as part of an overall solution design.
- Document test cases, perform operational readiness testing to ensure the networking environment performs as required and document actual results.
- Experience in migrating the infrastructure to AWS and setting up the network in the cloud.

Environment: Routers: Cisco ASR9000, 9006, 9001, 6500 series Routers, Protocol Analysis, Data Flow, Switches: Cisco 3500, 4500, 4200, 2360, TACACS, EIGRP, RIP, OSPF, BGP, VPN, MPLS, Ether Channels, Checkpoint firewalls.

Sr. Network Engineer

Cognizant - Phoenix, AZ - January 2014 to January 2015

Responsibilities:

- Designed, installed, and maintained various WAN technologies and applications connecting remote sites to corporate headquarters.
- Configured, implemented, and troubleshoot routers and switches with various account settings, permissions, and parameters including security firewalls.
- Configuring Static, IGRP, EIGRP, and OSPF Routing Protocols on Cisco 1600, 2600, 2800, 3600, 7300 series Routers.
- Experience in Campus designing Access, Distribution, Core, implementing and Managing LAN WAN solutions for different client setups.
- Configured Site to Site IPsec VPN tunnels to peer with different clients and each of client having different specifications of Phase 1 and Phase 2 policies using Cisco ASA 5500 series firewalls.
- Configured Easy VPN server and SSL VPN to facilitate various employees' access internal servers and resources with access restrictions

- Responsible for entire company network infrastructure that includes Cisco Switches, Routers, Firewalls, Access Points, Protocol Analysis and Servers.
- Experience working with Nexus 7010, 7018, 5020, 2148, 2248 devices.
- System application monitoring using New relic and Network Performance Monitor.
- Configured Switching in VLAN's for data and voice traffic.
- Configure various LAN switches such as CISCO CAT 2900, 3550, 4500, 6509 switches and Access layer switches such as Cisco 4510, 4948, 4507 switches for VLAN, Fast Ether Channel configuration.
- Configured NAT and PAT policies.
- Experience in deploying EIGRP/BGP redistribution and the changing the metrics for the primary and backup paths for the packet prioritization and EIGRP tuning.
- 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.
- Configuration and troubleshooting of EIGRP, OSPF, BGP.
- Support the project manager in defining the work and the associated effort, duration, and resource needs to deliver the solution.
- Networking protocols worked with included but not limited to TCP/IP, DNS, WINS, DHCP, VPN, Terminal Services, Routing and Remote Access, Network Design, wiring and cabling.
- Configured IPSec site-to-site VPN connection between Cisco VPN 3000 Concentrator and Cisco 3800.
- Configuring IPSEC VPN on SRX series firewalls
- Communicate status to the project manager to provide completion status of assigned tasks, estimate to complete for remaining effort, and associated issues/risks.
- Based on defined technical requirements and architecture blueprints work with a cross-functional team to develop the network detailed design and associated network specifications as part of an overall solution design.
- Document test cases, perform operational readiness testing to ensure the networking environment performs as required and document actual results.

Environment: Routers: Cisco 1600, 2600, 2800, 3600, 7300 series, Data Flow, Routers, Switches: Cisco Distribution layer switches such as 6513, 6509, 6504, Access layer switches such as Cisco 4510, 4948, 4507, firewalls 5GT, 208, TACACS, EIGRP, RIP, OSPF, BGP, VPN, MPLS, Ether Channels.

Network Engineer

Ebay - San Jose, CA, US - 2012 to November 2013

Responsibilities:

- Responsible for designing and implementation of customer's network and Security infrastructure.
- Involved in complete LAN, WAN, Extranet redesign (including IP address planning, designing, installation, pre configuration of network equipment, testing, and maintenance) in both Campus and Branch networks.
- Assisted with troubleshooting all network issues with routers and switches when necessary and consulted with on call tech as needed for client.
- Validate existing infrastructure and recommend new network designs.
- Installed and maintained Cisco and Load Balancer and documentation.
- Manages network device configurations, logical names and addresses, network design and implementation.
- Configured and designed LAN networks with Access layer switches such as Cisco 4510, 4948, 4507 switches.
- Used Python script to perform tasks required.
- Worked on configuring and upgrading the Palo Alto 3020 series firewalls
- Configuring IPSEC VPN on SRX series firewalls
- Improving OSPF convergence by controlling SPF algorithm.

- Participate in all technical aspects of LAN, WAN, VPN and security internetworking projects including, short and long term planning, implementation, project management and operations support as required.
- Extensively used TCP/IP tool like TELNET for remote login to the routers and SSH for secure login.
- Estimated Project costs and created documentation for project funding approvals.
- Installed and configured DHCP, DNS Server.
- Managed various teams involved in site surveys, cabling specifications, Network equipment installation and configuration.
- Planned resources and presented project status to higher management.
- Has expertise in LAN/WAN technologies (fast Ethernet, Layer2 & 3 switched/routed LAN, and Frame Relay).
- Routing Protocols, Networking Layer1, 2, 3 Switching concepts, LAN/WAN technologies, Wireless Networking, TCP/IP concepts.
- Worked with Cisco and Juniper equipment to troubleshoot various problems.
- Modified router configurations programming with additional VLANs, port assignment.

Environment: Routers: Cisco 1600, 2600, 2800, 3600, 7300 series Routers, Switches: Cisco Distribution layer switches such as 4510, 4948, 4507, firewalls 5GT, 208, EIGRP, RIP, OSPF and BGP.

Network Engineer

SEI Investments - Oaks, PA - October 2011 to November 2012

Responsibilities:

- Perform network engineering, design, planning (WAN & LAN), & implementation.
- Managing Access list for PIX and Routers (Priority based, time based)
- Installed & configured OSPF on Frame-Relay with multi-area design in core routers (7200, 7204, and 7206).
- Managed fast Layer 3 switched/routed LAN/WAN infrastructure as a part of Network team. The LAN consisted of Cisco campus model of Cisco 3550 at access layer, Cisco 6513 at distribution/core layer.
- Design, and configuring of OSPF, BGP on Juniper Routers and SRX Firewalls.
- Tested routers and done Performance Analysis of both LAN/WAN infrastructure.
- Interacted with business users from a service delivery and service support perspective.
- Hands-on experience with WAN (ATM/Frame Relay), Routers, Switches, TCP/IP, Routing Protocols (BGP/ OSPF), and IP addressing.
- Design, implementation and operational support of routing/switchin, Data flow protocols in complex environments including BGP, OSPF, EIGRP, Spanning Tree, etc.
- Planned, tested and evaluated various equipment, systems, IOS's and procedures for use within the network / security infrastructure.
- First and second level user support troubleshooting desktops, laptops, servers, cisco switches, cisco routers, cisco IPT phones, Frame Relay, T1 and DSL.
- Cisco products/hardware including Nexus 7k, 5k and 2k switches.
- Worked in Multi-vendor environment containing Juniper, Cisco and Nortel routers.
- Troubleshooting LAN/WAN issues.
- Configured multiple domain name services (DNS), email services (Exchange Server), web, and file transfer protocol services (FTP) for various platforms including line leasing through DHCP servers.
- Configuring, managing and troubleshooting networks using routing protocols like RIP, EIGRP and OSPF (Single Area and Multi Area).
- Troubleshoot MPLS issues within the core and edge.
- Configured Site to Site IPsec VPN tunnels to peer with different clients and each of client having different specifications of Phase 1 and Phase 2 policies using Cisco ASA 5500 series firewalls.

Environment: Routers: Cisco 7200, 7204, and 7206 Routers, Switches: Cisco Distribution layer switches such as 4510, 4948, 4507, 7k, 5k and 2k series. Firewalls 5GT, 208, EIGRP, RIP, OSPF, CISCO ASA, DHCP, DNS, SAN, Spanning tree, Windows Server, Windows NT.

Network Engineer

Xyphos Systems Pvt. Ltd - March 2010 to August 2011

Responsibilities

- > Configuring Static, IGRP, EIGRP, and OSPF Routing Protocols on Cisco 1600, 2600, 2800, 3600, 7300 series Routers.
- > Configured Site to Site IPsec VPN tunnels to peer with different clients and each of client having different specifications of Phase 1 and Phase 2 policies using Cisco ASA 5500 series firewalls.
- > Configured VLAN's, Private VLAN's.
- > Configure various LAN switches such as CISCO CAT 2900, 3550, 4500, 6509 switches.
- > Configuring access layer switches such as Cisco 4510, 4948, 4507 switches for VLAN, Fast Ether Channel configuration.
- > Configured inside ACL and interfaces, outside ACL and interfaces.
- > Configured NAT and PAT policies.
- > Configuration and troubleshooting of EIGRP, OSPF, BGP.
- > Design OSPF areas for reliable Access Distribution and for Core IP Routing.
- > Support the project manager in defining the work and the associated effort, duration, and resource needs to deliver the solution.
- > Extensively used TCP/IP tool like TELNET for remote login to the routers and SSH for secure login.
- > Has expertise in LAN/WAN technologies (fast Ethernet, Layer2 & 3 switched/routed LAN, and Frame Relay).

Jr. Network Engineer

SONATA - IN - May 2009 to February 2010

Responsibilities:

- > Provided Level 1 Support for Broadband Connection to Virgin Media customer
- > Worked As a Technical Support Executive under Virgin Media.
- > Received inbound calls of technical nature, independently resolved customer complaints, concerns and inquiries regarding their Internet connection.
- > Managed LAN and Wireless Network and performed troubleshooting On LAN, WLAN, Customer Modems (NTL 250, TERAYON, and MOTOROLA) And CPE Router (Cisco-Linksys, Belkin, D-LINK and Dynamode).
- > Set up Home Network and provided troubleshooting and full support on virgin- media security Software (PC-guard).
- > Troubleshoot a wide range of technical support issues and connectivity problems such as authentication, connection speed, e-mail configuration, and loss of synchronization.
- > Experience in new employee mentoring, training and coaching.

EDUCATION

Bachelors in Computer Science and Engineering

P.V.P Siddhartha institute of technology

SKILLS

ACCESS (7 years), BGP (7 years), CISCO (7 years), EIGRP (7 years), LAN (7 years)

ADDITIONAL INFORMATION

Technical Skills:

Routing EIGRP, OSPF, RIP, IP addressing, IP routing principle. Knowledge of Border Gateway protocol (BGP) Switching VLAN, inter-VLAN routing, Spanning tree, VTP, PAGP, LACP, Trunk, Ether-channel management features.

LAN Topologies Ethernet, Fast Ethernet, Token Ring

Various Features & Services

IOS and Features, NAT, PAT, SNMP, SYSLOG, NTP, DHCP, CDP, DNS, TFTP and FTP Management, CDP, Frame-relay, PPP, Access Control List (ACL). Cisco PIX, FWSM, ASA, Check Point, Solarwinds, Nagios, WIRESHARK, F5, MPLS.