

# Thrinay K

## Network Engineer - Sprint Corporation

Kansas City, KS - Email me on Indeed: [indeed.com/r/Thrinay-K/7a05dd8bc616c971](https://indeed.com/r/Thrinay-K/7a05dd8bc616c971)

- Three years of experience in Networking, Security, System Engineering and Wireless Communications.
- Strong hands on experience on Cisco Routing, Switching and Security with Cisco hardware/software Cisco Catalyst 6500, 4500, 2900, 3500, 3750 XL series switches, Cisco 1800, 2500, 2600, 2800, 3600, 3800, 7200 series routers.
- Configuring VLAN, spanning tree, VSTP, SNMP on EX series switches.
- Configuring RIP, OSPF and Static routing on Juniper EX/ MX/ SRX series Routers.
- Experience in implementation, support and troubleshooting of VLAN's including operational knowledge of spanning tree protocol (STP), VLAN trunking, inter VLAN routing and ISL/802.1q.
- Expertise in OSI layer model/TCP/IP.
- Extensive working experience on routing protocols like RIP, EIGRP, IGRP, OSPF and BGP.
- Working experience on VLANS, ether channels and STP, HSRP, VRRP.
- Experience in the setup of HSRP, Access-Lists, and RIP, OSPF, EIGRP, and tunnel installations.
- Proficient in the configuration of VLAN setup on various Cisco Routers and Switches.
- In-depth knowledge and hands-on experience on IP Addressing, Sub netting, VLSM and ARP, reverse & proxy ARP.
- Experience in configuring HSRP and Route redistribution between routing protocols troubleshooting them.
- Proficiently implemented traffic filters using Standard and Extended access-lists, Distribute-Lists, Route Maps and route manipulation using Offset-list.
- Good Knowledge in troubleshooting issues on NAT.
- Proficient with Cisco ASA 5500 series firewall.
- Experience setting up IPSEC VPN between ASA Firewall and Router 3800.
- Strong work experience with the following technologies MPLS, L2VPN, Multicast, and IPv6.
- Excellent problem solving, troubleshooting, and written documentation skills.

Willing to relocate: Anywhere

Sponsorship required to work in the US

### WORK EXPERIENCE

#### Network Engineer

Sprint Corporation - August 2016 to Present

Sprint Corporation, commonly referred to as Sprint, is an American telecommunication holding company that provides wireless services and is an internet service provider. It is the fourth largest mobile network operator in the United States, and serves 59.5 million customers, as of January, 2017.

Responsibilities:

- Deploying and decommissioning Cisco switches and their respective software upgrades.
- Deploying and decommission of VLANs on core Nexus 7000 and its downstream devices.
- Assisted in MPLS migrations, implemented a backup for the existing WAN connection using site-to-site IP sec VPN tunnels.
- Configuring HSRP between VLANs, Configuring Ether-Channels, and Port Channel on 6500 catalyst.
- To secure configurations of load balancing in F5, SSL/VPN connections, Troubleshooting CISCO ASA firewalls.
- Involved in the configuration & troubleshooting of routing protocols: MP-BGP, OS Building the VPN tunnel and VPN encryption.

- Involved in Configuration of Access lists (ACL) on ASA firewall for the proper network routing for the B2B network connectivity.
- PF, LDP, EIGRP, RIP, BGP v4, Spanning Tree, 802.1q. Configured IP access filter policies.
- Involved in configuring and implementing Checkpoint VSX firewalls.
- Performing the ACL requests change by collecting source and destination information from them.
- Conversions to BGP WAN routing. Which will be to convert WAN routing from OSPF to BGP (OSPF is used for local routing only) which involves new wan links.
- Maintained complex LAN/WAN networks with several VLANs and provided support for routing protocols and provided secure sessions over internet using IPsec and SSL encryption.
- Performing troubleshooting on slow network connectivity issues, routing issues that involves OSPF, BGP and identifying the root cause of the issues.
- Supporting EIGRP and BGP based on the network by resolving level 2 & 3 problems of internal teams & external customers of all locations.

Environment: Cisco Catalyst 2960/3750/4500/6500 Series Switches, Cisco 2800/2900/3000 Series ISR's and Cisco 3640/12000 /7200/3845/3600/2800 routers, Cisco Nexus 7K, Cisco ASA 5500, Checkpoint, windows server 2003/2008, F5 BIGIP LTM/GTM, ACL, RIP, OSPF, BGP, EIGRP, LAN, WAN, VPN, HSRP.

## **Network Engineer**

Altran Technologies - September 2014 to November 2015

Altran Technologies, SA is a global innovation and engineering consulting firm founded in 1982 in France by Alexis Kniazeff and Hubert Martigny. Altran operates primarily in high technology and innovation consultancy, which account for nearly 75% of its turnover. Administrative and information consultancy accounts for 20% of its turnover with strategy and management consulting making up the rest.

Responsibilities:

- Assisted in troubleshooting LAN connectivity and hardware issues in the network of 100 hosts.
  - Studied and analyzed client requirements to provide solutions for network design, configuration, administration, and security.
  - Maintained redundancy on Cisco 2600, 2800 and 3600 routers with HSRP.
  - Created a backup and recovery policy for software application and verified peripherals are working properly.
  - Monitor performance of network and servers to identify potential problems and bottleneck.
  - Performed RIP & OSPF routing protocol administration.
  - Interacted with support services to reduce the downtime on leased lines.
  - Troubleshoot problems on a day to day basis & provide solutions that would fix the problems within their Network.
  - Maintenance and Troubleshooting of connectivity problems using Ping, Trace route.
  - Daily responsibilities included monitoring remote site using network management tools, assisted in design guidance for infrastructure upgrade & help LAN administrator with backbone connection and connectivity issue
- Other responsibilities included documentation and support other teams.
- Implementing traffic engineering on top of an existing Multiprotocol Label Switching (MPLS) network using Frame Relay and Open Shortest Path First (OSPF).
  - Provided redundancy in a multi homed Border Gateway Protocol (BGP) network by tunings AS-path.
  - Configuration and maintenance of EIGRP and BGP network on router 7200 and 6500 MLS.
  - Performed and presented network analysis as a part of network migration. Involved in knowledge transfer to vendors and provided them network support as required.

Environment: Cisco 3560/2950/2924/6509/6513/5500 switches, Cisco 3825/3640/7200 routers, VPN, BGP, OSPF, RIP, EIGRP, OSPF, F5 BIG-IP, LTM, GTM, Nexus Switches 5K/7K, VLAN, VTP, Checkpoint

## **Jr. Network Engineer**

HCL Technologies - IN - August 2013 to September 2014

HCL Technologies Limited is an Indian multinational IT services company, headquartered in Noida, Uttar Pradesh, India. It is a subsidiary of HCL Enterprise. Originally a research and development division of HCL, it emerged as an independent company in 1991 when HCL ventured into the software services business.

Responsibilities:

- Installed Hard disks, Floppy drives, CD Drives, Sound Blaster cards, CPU, Memory, Power supply unit, Network card, Video graphics card, Hard disk controller card on PC systems.
- Troubleshooting of personal computers. On line Support to customers concerning their computer problems.
- Involved in troubleshooting of DNS, DHCP and other IP conflict problems.
- Responsible for reporting day to day operations of all associated hubs, routers, bridges, gateways and related equipment.
- Configured BGP for CE to PE route advertisement inside the lab environment.
- Monitoring the network, troubleshooting network problems, implementing changes, communicating and working closely with vendors, customers, system administrators.
- Spearheaded meetings & discussions with team members regarding network optimization and regarding BGP issues.
- Plans, coordinates, implements and supports the LAN / WAN hardware, software and Internet /Intranet integration network connectivity, diagnose network failures and resolve any problems.
- Responsible for LAN and internet connection file and print server.
- Maintained and installed new internet connections for customers.
- Validate existing infrastructure and recommend new network designs.
- Created scripts to monitor CPU/Memory on various low end routers in the network.
- Installed and maintained local printer as well as network printers.
- Handled Tech Support as it relates to LAN & WAN systems.
- Maintained and installed new internet connections for customers.

EDUCATION

**Masters in Information Technology**

Wilmington University - New Castle, DE

January 2017

**Bachelor's in Electronics and Communicational Engineering**

Jawaharlal Nehru Technological University - Hyderabad, ANDHRA PRADESH, IN

May 2014