

Bhargav T

Network Security Engineer - Fujitsu

Richardson, TX - Email me on Indeed: [indeed.com/r/Bhargav-T/fa4e7379cb30c5aa](https://www.indeed.com/r/Bhargav-T/fa4e7379cb30c5aa)

- > Network Security Engineering Professional with 7+ years of experience in operating mission Critical infrastructure, troubleshooting and management of large-scale Enterprise Networks.
- > In depth knowledge of Multi-vendor platforms such as Cisco, Checkpoint, Juniper Netscreen, PaloAlto and Bluecoat (Web/Socks proxy).
- > Experience with Network Implementation, Project Management, System Administration, Networking and end-to-end Infrastructure Management
- > Extensive work experience with Cisco Routers, Cisco Switches, Load Balancers and Firewalls.
- > Planning, Designing, Installing, Configuring of Cisco Switched and Routers.
- > Experience in Checkpoint IP Appliances R65, R70, R75, R77 Gaia& Cisco ASA Firewalls.
- > Proficient in configuration of routing protocols like RIP, IGRP, EIGRP, OSPF multiple areas and BGP.
- > Performed professional level documentation using Visio diagrams.
- > Experience in Firewall technologies including general configuration, risk analysis, security policy, rules creation and modification of Check Point Firewall Smart Domain Manager command line and GUI and Cisco ASA.
- > Expertise in configuration of routing protocols and deployment of OSPF, EIGRP, BGP and policy routing over Cisco routers. Implemented redundancy with SRP, VRRP, and HSRP.
- > Expert in configuration of Virtual Local Area Networks (VLAN'S) using Cisco routers and multi-layer Switches along with trouble shooting of inter VLAN routing and VLAN trunking using 802.1q.
- > Managed inventory of all network hardware.
- > Trouble-shooting end-user reported problems, thoroughly and accurately documenting problem in trouble management tool.
- > Solution deployment and implementation was done on various Servers running on Linux.
- > Management and monitoring by use of SSH, Syslog, SNMP, NTP and provided tier-3 support.
- > 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.
- > Risk assessments on new projects, identify and reduce risk.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Network Security Engineer

Fujitsu - Richardson, TX - August 2015 to Present

Responsibilities:

- > Worked on Multi-vendor platform with checkpoint and Cisco firewalls requesting net flow for security compliance, coding, and pushing firewall rules after approval and troubleshoot incidents as required.
- > Provide necessary problem determination in the Checkpoint firewall environment which has Gaia R77, R75, SPLAT, Provider-1 and VSX.
- > Good Understanding of Multiple Contexts in ASA firewalls and implemented different failover mechanisms among ASA firewalls
- > Firewall configuration using Untangle Linux sever.

- Installing and Configuring Palo Alto Pa-500 series and Pa-2000 series firewalls using Panorama.
- Responsible for administering (Create, modify & add) Palo Alto and Cisco Firewall security policy and rule base.
- Setup and maintained Check Point security policies including NAT, VPN and Secure Remote access.
- Provide 24*7 supports for day to day operational activities including Change Implementation, Handling Work order access Request, High Priority incident handling/troubleshooting for Security Devices (Firewalls, Proxies, IPS, SSL, VPN Devices etc.)
- Used firewall optimization tool Firemon for generating usage reports and disable the unused rules accordingly.
- Administer Checkpoint firewalls with cluster gateways including pushing policies and processing user requests to allow access through the firewall using Smart Dashboard and identify unused rules and schedule change to mark it for permanent deletion at later point of time
- Used Splunk SIEM tool to check the logs, create reports and dashboards.
- Lab Implementation of multiple security contexts in ASA firewalls and Checkpoints configures redundancy (Active-Active failover and active-standby failover) among them
- Provide support for 2Tier and 3Tier firewall architecture, which includes various Checkpoint and Cisco ASA firewalls.
- Install and upgrade Bluecoat proxy SG (900, 810 and SG9000 series) and Proxy AV (510,810 and 1400 series) in all the Datacenters.
- Configure policies on the Bluecoat VPM, local database and PAC files to filter the traffic flow by Creating custom rules, URL categories and routing policies.
- Configured ACLs in Cisco 5540 ASA firewall for Internet Access requests for servers, Protocol Handling, Object Grouping and NAT.
- Troubleshoot and Worked with Security issues related to Cisco ASA, Checkpoint, IDS/IPS
- Install and configure Bluecoat Proxy SG in the network for web traffic management and Policy configuration
- Managed global policy, global groups and global objects in checkpoint Provider-1/ Multi Domain Manager.
- Monitor the network traffic through Orion SolarWinds and Spectrum syslog server.
- Configured and Administered Cisco ASA 5585 firewalls which includes setting up the different zones.
- Configuring and implementing Remote Access Solution: IPsec VPN, Any connect VPN, SSL VPN.
- Carrying out documentation for tracking network issue symptoms and large scale technical escalations
- Worked extensively in Configuring, Monitoring and Troubleshooting Cisco's ASA 5500/PIX security appliance, Failover DMZ zoning & configuring Vlan's/routing/NATing with the firewalls as per the design.
- Involved in the Team of Data Center Operations to perform duties like administration and monitoring of Cisco Routers and Switches according to the organization requirements.
- Configured ACLs in Cisco 5585 ASA firewall for Internet Access requests for servers, Protocol Handling, Object Grouping and NAT Control using Object NAT.
- Remedy Ticketing system, Change Management, Incident Management and solving the SR's assigned to me.

Network Security Engineer

AT&T - Durham, NC - February 2013 to August 2015

Responsibilities:

- Troubleshoot and hands on experience on security related issues on Checkpoint R75, Cisco ASA and Juniper Netscreen firewalls.
- Configuration and maintenance of Juniper Net Screen SSG -550.
- Administer and support Juniper Firewalls Using NSM (Netscreen SSG and ISG firewalls).
- Involved in large firewall configuration, deployments, and implantation rollouts for several companies security needs including SSL VPN tunnels.

- Administering multiple Firewall of Juniper SRX and Netscreen in a managed distributed environment. Fulfilling routine change requests of Net Screen OS Firewall and resolving trouble tickets, maintain and monitoring firewalls.
- Knowledge of Juniper environment including SRX and Junos NSM.
- Worked on the conversion of Juniper SSG to SRX firewalls.
- Assisted in restructure of work flow process to suit the customers IT security needs
- Remotely controlling Checkpoint firewalls getting large scale production environments.
- Debug firewall process activity in a shell command format.
- Creating MOPs (Method of Procedure) and Provided On-call support to Clean-up the changes in configuration on migrated Cisco routers.
- Support end to end Security devices checkpoint & Cisco PIX/ASA.
- Experience with convert Checkpoint VPN rules over to the Cisco ASA solution. Migration with Cisco ASA VPN experience.
- Working on HP open view map for Network Management System and Ticketing
- Working configuration of new Vlan's and extension of existing Vlan's on/to the necessary equipment to have connectivity between two different data centers
- Configured ASA 5520/5500to ensures high-end security on the network with ACLs and Firewall.
- Experience with Firewall Administration, Rule Analysis and Rule Modification on cisco ASA 5540, 5585.
- Responsible for Cisco ASA firewall administration across our networks.
- Co-ordinate with the Data Network and Security team and come up with possible solutions.
- Provide solutions to Tier 1/2 escalated issues and tickets.
- Implementation and configuration of F5 Big-IP LTM-6400 load balancers
- Configuring and resolving various OSPF issues in an OSPF multi area environment,
- Implemented, configured BGP WAN routing, converting OSPF routes to BGP (OSPF in local routing).
- GRE tunneling & Site-to Site VPN configuration between other two sites in USA.

Network Engineer

HBL Global Private Ltd - February 2012 to January 2013

Responsibilities:

- Configuration& installation of checkpoint firewall in cluster & standalone for R65 & R71.
- Configuration & troubleshooting of site to site VPN, remote access VPN, clustering issue Configuration & troubleshooting of UTM firewall issue.
- Cisco ASA: Configuration & troubleshooting ASA issue, Rule base/ Policy Management, Backup& IOS upgradation of ASA Cisco PIX 515 & 525: Configuring the firewall access-rules, routes, Nat rules, VPN configuration.
- Backup& IOS UP gradation of ASA Analyzing the Client's Requirements, problems and suggestion's gathered.
- Recommended preventive and compensating controls to ensure the appropriate level of protection and adherence to the goals of the overall information security strategy.
- Configuration& installation of checkpoint firewall in cluster & standalone for R65 & R70.
- Configuration & troubleshooting of site to site VPN, remote access VPN, clustering issue.
- Configuration of network devices: router 2811 & switches 4503, 3750, 2960 Configured Cisco Routers and Switches.
- Implementation of LAN gateway for various locations.
- Vlan's implementation for various locations.
- Network designing for domestic & global MPLS cloud.
- Trained new employees on network technologies and familiarized them on the frequent issues and their solutions.
- Documenting the tasks being performed and assisted juniors.

Network Engineer

Varshtech system - IN - November 2009 to January 2012

Responsibilities:

- Configured and troubleshooting HSRP, BGP, OSPF, EIGRP, MPLS WAN, QoS and Route Maps.
- Configured and maintaining Cisco 7200, 4400, 5000 and 6500 platforms.
- Troubleshoot connectivity issues involving VLAN's, OSPF, QoS etc.
- Support, monitor and manage the IP network.
- Responsible of firewall management, with Checkpoint firewall.
- Understanding the JUNOS platform and worked IOS upgrade of Juniper Netscreen devices.
- Strong hands on experience in layer-3 Routing and layer-2 Switching.
- Performance monitoring of various applications and web servers to maintain quality of service and network stability.
- Maintained core switches, creating VLAN's and configuring VTP.
- Designed IP Addressing schemes, VLAN tables and Switchport assignments, Trunking and Ether-channel implementation.
- Gained hands on experience with VLSM, STP, VTP, VLAN Trunking.
- Installed and set up Cisco routers and switches according to deployment plans.
- Applied access lists and NAT configurations based on implementation guidelines.
- Managed and developed network projects designed to strengthen network continuity and deploy security elements in an attempt to meet and exceed contract requirements, including system analysis and troubleshooting, change management, monitoring network performance with network tools.
- IP Distribution for existing devices and new devices as they were added.
- Performed maintenance on equipment as necessary, performing device upgrades, modification of configurations, password changes and diagnostic testing.
- Worked with vendors and Engineering team to test new hardware and procedures.
- Prepared and maintained documentation using MS Visio.
- Configuring Vlan's & troubleshooting Vlan's issue Log and update the Incident investigation and diagnosis.

SKILLS

BGP (4 years), checkpoint (7 years), Cisco (7 years), firewall (7 years), VPN (5 years)

CERTIFICATIONS/LICENSES

CCNA Routing and Switching

February 2015 to Present

CCSA (checkpoint certified security administrator)

June 2016 to Present

ACE Palo Alto - PAN OS 7.0v

May 2017 to Present

ADDITIONAL INFORMATION

Technical Skills:

Cisco Products: Routers (1800, 2500, 2600, 3200, 3600, 3700, 3800), Cisco L2 & L3 Switches (2900, 3560, 4500, 6500), Nexus 3000, 5000 series Switches

Firewall Products: Checkpoint R77 GAIA, R75, R71, NGX R65/R60, Cisco PIX 525E, 535 & ASA 5510, 5520, 5540, Provider-1, Smart Center Server, SPLAT, VSX, Juniper SRX and SSG, NSM, Jun OS, Screen OS, SPACE, ASDM, Cisco ACS, Palo Alto Pa-500, Pa-5000, Panorama

Protocols/Services: Routing Protocols (RIP, IGRP, EIGRP, OSPF, BGP), QOS, TCP/IP, IPSEC, MPLS, TACACS+, RADIUS, Cisco NAC

WAN Technologies: CDP, Access Control List (ACL), Network Address Translation (NAT), PAT, Redistribution, OSPF Virtual links and GRE Tunnel, VPN 3000 Concentrator, Bluecoat SG Proxy

Management Tools: TCP DUMP, Solarwinds, Orion products, Snort (IDS), Netflow Analyzer, WhatsUP Gold, Wireshark, SPLUNK, Remedy, Service Now, HPSM, HP NAS, IBM Qradar, Splunk, Tufin, AlgoSec and Firemon.