

Bharath Yellamilli

Network Security Engineer - NiSource Inc

Norcross, GA - Email me on Indeed: indeed.com/r/Bharath-Yellamilli/56cfd050b12ae3b4

Overall 7+ years of experience in technology domain with specialization in Networking and Security, which includes expertise in the areas of Routing, Switching, Troubleshooting, areas of Wireless and Security.

- Experience in Designing, configuring and troubleshooting, security policies, Modular Policy Framework, Routing instances, Zone Based firewalls and implementing different failover mechanisms on Palo Alto (PA 5020), Juniper, ASA 55XX & Checkpoint R77 firewalls.
- Exposure to Wild Fire feature of Palo Alto.
- Expertise configuring and monitoring Checkpoint firewalls through Smart Dashboard and Smart View Tracker Applications.
- Migration of the firewall rules from Cisco ASA 55XX to Palo Alto firewalls using migration tool from PAN.
- Implementing security policies using AAA, ACL's, NAT, Policy NAT, PBF/PBR, Route-maps, Distribution lists and IPsec VPN's on different series of routers and firewalls.
- Strong knowledge on mitigation of DDoS attack's & SSL implementation on Cisco and Palo Alto firewalls.
- Expert level knowledge in firewall rule audit and optimization using AlgoSec.
- Extensive knowledge on Kill Chain management.
- Extensive knowledge on FireEye inspection.
- Maintained and operated Bluecoat Proxy Manager and Reporter.
- Strong knowledge of TACACS+, RADIUS implementation in Access Control Networks (ACN).
- Extensively worked on different flow feeds like Cisco Netflow and Jflow.
- Strong hands on experience in installing, configuring, and troubleshooting of Cisco 7600 series routers and Juniper routers M320 and SRX series routers.
- Expert level knowledge of troubleshooting, implementing, optimizing and testing of static and dynamic routing protocols such as EIGRP, OSPF, iBGP, EBGP and ability to interpret and resolve complex route table problems.
- Solid knowledge on Cisco ACE, Brocade and F5 Big-IP Load balancing (LTM & GTM) method implementation and troubleshooting.
- Experience on Virtual Private Network (VPN) for operating Network and Data Center.
- Expertise in installing, configuring and troubleshooting Cisco 6500, Nexus 7K, 5K and 2K series switches and Juniper EX Switches.
- Migration of Cisco 6500 to Nexus switches in complex data center environment.
- Configuring and Troubleshooting HSRP, VRRP, GLBP, HA protocols.
- Expert level knowledge of implementing and troubleshooting complex layer 2 technologies such as VLAN Trunks, VTP, Ether channel, Port Channel, VPC, STP, RSTP and Fabric Path.
- Worked on network monitoring tools such as NMAP, Solar Winds, Wireshark (Ethereal) and Splunk.
- Experience in installing and configuring DNS, DHCP and Forward proxy servers.
- Administer and diagnose LAN and WAN with in-depth knowledge of TCP/IP protocol stack.
- Expert level knowledge in OSI model, in depth knowledge and hands on experience on IPV4 Addressing, VLSM, ARP, reverse ARP, proxy ARP and ICMP Concepts.
- Extensive knowledge in manipulating network devices using PANOS, Cisco IOS, Junos and NX-OS.
- Enterprise in network design and documentation using Microsoft Visio.
- Decent knowledge on cloud concepts, web services, and APIs (Amazon Web Services (AWS), OpenStack).

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Network Security Engineer

NiSource Inc - Columbus, OH - December 2016 to Present

Responsibilities:

- Responsible for firewall rule set migration from Cisco ASA to newly implemented Palo Alto.
- Worked with Palo Alto firewalls PA3020, PA5020 using Panorama servers, performing changes to monitor/block/allow the traffic on the firewall.
- Configuring rules and maintaining Palo Alto firewalls & analysis of firewall logs using various tools.
- Centrally managed all Palo Alto Firewalls using Palo Alto Panorama M-100 management server.
- Perform firewall rule audit and optimization using AlgoSec.
- Worked on F5 VIPRION 4800 series BIG IP devices, configured VIP's with HTTP/SSL profiles, pools, configured iRules and ensured high availability.
- Worked on FireEye for inspection of common attacks that enter our network.
- Configure policies on the Bluecoat VPM, local database and PAC files to filter the traffic flow by creating custom rules, URL filters(PAN-DB) and routing policies.
- Worked on ASA 5545-X (Firepower) configuration and Implementation for the network security.
- Build and configure Active/Standby Failover on Cisco ASA Firepower with Stateful replication.
- Performed troubleshooting on Cisco IPS/IDS, Cisco Firepower, and Palo Alto devices.
- Troubleshoot, conduct scans and assess Network issues, then patch vulnerabilities and mitigate DDoS attacks and other.
- Troubleshooting various network security related issues using Cisco SDM.
- Responsible for design and administration of complex network consists of Cisco 7600 series routers, Nexus 7K, 5K Series switches.
- Used NX-OS to manage Nexus switches.
- Implementing Open Shortest Path First (OSPF) manipulated routing updates using route-map, distribute list and administrative distance.
- Provided redundancy configuring BGP multi-homing using dual ISP links.
- Implementing new configurations like site to site VPN, client to site VPN and new project requirement access as per client request for various location on PIX, ASA, Checkpoint and VPN concentrators.
- Worked on Most modern high level NAC offer the ability to link in with many of these other systems and work in unison with them.
- Monitoring links and configuration management using Solar Winds and NMAP.
- Created Network connectivity diagram using Microsoft Visio.
- Experience in enabling secure remote access to virtual desktops and applications Citrix Access Gateway.
- Installation of Centos and/or RHEL (Red hat Enterprise Linux) 5.X.
- Used Palo Alto Dashboard to monitor servers and status of firewalls.

Network Engineer

Huntington Bank - Columbus, OH - October 2015 to November 2016

Responsibilities:

- Worked on the migration to new Checkpoint R77 Firewalls from Juniper Firewalls.
- Creating a rule on the checkpoint firewall for a NAT (used ACLs to block unauthorized users) to the VLAN IP and allowing the IPsec traffic.
- Integrating and Configuring Cisco Wireless LAN Controllers WLC with ISE to perform Dot1x authentication for Wireless users
- Configured Juniper M320 routers and T640 routers.
- Plan and implement Juniper Net screen 204 firewalls.

- Configured and maintained Juniper SRX 210, 220, 240, 650 routers.
- Installing and configuring Checkpoint NG R55 & NGX R60
- Worked with feeds and flow feeds using Jflow.
- Monitoring and maintaining LAN/WAN networks using Snort and sniffer trace.
- Worked on Cisco ISE in wired, wireless, VPN configurations using device profiling, posturing, PxGrid, ThreatGrid and SGT's.
- Modified internal infrastructure by adding switches to support server farms and added servers to existing DMZ environments to support new and existing application platforms.
- Big IP F5 Load Balance experience: setting up, monitoring and configuring F5 load balancer (using LTM & GTM).
- Configuring IP, RIP, EIGRP, OSPF and BGP in routers.
- Time to time upgrade network connectivity between branch office and regional office with multiple link paths and routers running HSRP, EIGRP in unequal cost load balancing to build resilient network.
- Convert Branch WAN links from TDM circuits to MPLS and to convert encryption from IPsec to get VPN.
- Used DHCP to automatically assign reusable IP addresses to DHCP clients.
- Implement ACLs and authenticate (EIGRP, BGP) to ensure high security on the network.
- Used Protocol analysis tools to assess and pinpoint networking issues causing service disruption
- Used Junos to configure, manipulate and monitor all Juniper network devices.
- Used Checkpoint SmartView to monitor checkpoint firewall status and maintenance.

Network Engineer

Quality Kiosk - IN - October 2012 to August 2015

Responsibilities:

- Provided day to day support for firewall engineering and operations tasks and level 1 & 2 on call technical support for the Firewall Engineering and Operations team; including assisting peers with issues and escalation.
- Configured VLAN's, Private VLAN's and enabling interVLAN routing.
- Configuring routing protocols like EIGRP, OSPF & BGP and troubleshooting layer3 issues.
- Responsible for designing and implementation of customer's network and Security infrastructure.
- Worked on Cisco 3800, 3600, 2800, 2600, 1800, 1700, 800 series Routers and Cisco 2900, 3500, 3700, 6500.
- Conducted and implement Network and software installations and upgrades.
- Configured Remote User VPN, Site to Site VPN, and Remote Access VPN, Easy VPN, SSL VPN for Client based and Clientless applications.
- Design and configuring of OSPF, BGP on Juniper Routers (MX960, MX480) and SRX Firewalls (SRX240, SRX550).
- Blocking malicious sites as required by the information security system using Bluecoat Proxies.
- Implementation of Cisco ACS server and integration with RSA for two factor authentications.
- Worked on Disaster Recovery (DR) test plan and build an IPSEC tunnel site to site.
- Advanced knowledge, design, installation, configuration, maintenance and administration of Checkpoint Firewall R55 up to R77.
- Configured layer 2 and layer 3 Switch port, L3 router interface, VLAN interface, VRRP on Cisco and Juniper devices.

Network Support Executive

ACT Pvt. Ltd - September 2009 to October 2012

Responsibilities:

- Installed and tested Cisco router and switching operations using OSPF routing protocol, and MPLS switching for stable VPNs.
- Involved in configuring and implementing of Composite Network models consists of Cisco 3750, 2620 and, 1900 series routers and Cisco 2950, 3500 Series switches.

- Implemented various Switch Port Security features as per the company's policy.
- Installed and tested Cisco router and switching operations using OSPF routing protocol, and MPLS switching for stable VPNs.
- Routing Protocols (RIP, IGRP, EIGRP, OSPF), Virtual LANs, LAN, WAN and Ethernet.
- In-depth expertise in the analysis, implementation, troubleshooting & documentation of LAN/WAN architecture and good experience on services.
- Coordinated with senior engineers with BGP/OSPF routing policies and designs, worked on implementation strategies for the expansion of the MPLS VPN networks.
- Frame Relay, ISDN, PPP, HDLC, Network Troubleshooting using CLI Show commands, PING, Trace route.
- Involved in group and individual presentations to corporate clients about the company's internet based products like leased lines and modular routers.
- Involved in designing and applying j to 2600 series routers for all the branches.
- Worked on Riverbed devices for WAN bandwidth Optimization in the data centers for the sensitive marked data applications.
- Provided hardware and software support to corporate users and IT staff.
- Provided technical support on hardware and software to remote production sites.
- Managing Layer 2 switches of Cisco, Vlan configuration and assigning ports to specific Vlan as per requirement.

SKILLS

BGP (7 years), CISCO (7 years), OSPF (7 years), SECURITY (7 years), VPN (7 years)

ADDITIONAL INFORMATION

TECHNICAL SKILLS:

Cisco Routers 2500, 3600, 3700, 7200, ASR routers ASR 1k (1001, 1004, 106, 1013), ASR 9k and ASR 900, ISR 4k.

Cisco Switches

Cisco 2900, 3560, 3750, 4500, 6500, Juniper, Catalyst switch 2960, Catalyst Switch ME 3400E, 3600X, 3800X, 2600X, ME 4600 series, Cisco 6504, Cisco 6509, Cisco 6807, Nexus switches N5K (FCoE), N7K (Nexus), N9k (Nexus).

Firewalls Cisco PIX, Cisco ASA, Checkpoint, Palo Alto firewalls.

Routing Protocols

OSPF, EIGRP, BGP, MPLS, VPLS, VTP, FTP, VPN, DNS, IPv4, IPv6, VSS, HSRP, ESRP, VRRP, ACL, NAT/PAT, TCP/IP, VTP, STP, RSTP, MST, VLANs, LACP, 802.1Q, ISL, SNMP, GLBP.

Network Security

IPsec, VPN Configuration, ASA 5505, 5510 Firewalls, NAT/PAT, IDS/IPS, Ethereal, Internet Content Filtering, DHCP SNOOPING, IDS/IPS, URL Filtering -Web-sense, SSL, IPSEC, IKE, Static, Dynamic, Reflexive ACL, and AAA.

LAN Technologies Ethernet, Fast Ethernet, and Gigabit Ethernet, SMTP, VLAN, Inter-VLAN Routing, VTP, STP, RSTP, Light weight access point, WLC.

WAN Technologies Frame Relay, PPP, ATM, HDLC, (E1/T1E3/T3), DS3, OC192, MPLS, MPLS/VPN, MP/BGP.

Monitoring & Network Tools

Cisco Works, Cisco Prime 3.0, Solar winds, Riverbed, VM ware, Net Flow, Wireshark, Boson Netsim, TCP dumps, INFOBLOX, QIP, VISIO, Citrix, and IXIA.

CERTIFICATE

Accredited Configuration Engineer (ACE) Exam - PAN-OS 8.0 Version