**Srikanth Hazari**

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469-639-0804

**EXPERIENCE SUMMARY:**

* **IT** professional with **12+ years** of experience in routing, switching, firewall technologies, systems design, administration, and troubleshooting.
* Exposure to **LAN/WAN** setup, installation, configuration, and troubleshooting.
* Experience of routing protocols like **ISIS**, **EIGRP, OSPF, BGP** and **MP-BGP.**
* Experience in testing **Cisco** & **Juniper** routers cum switches in laboratory scenarios and deploying on-site for production.
* Strong experience in **Network** **Security** using **ASA Firewall**, **Palo Alto**, **HP Tipping Point** IDS/IPS and IPSEC/SSL VPN and implementing security rules.
* Knowledge and experience on **F5 load balancers** and **Cisco load balancers** stratégies/techniques.
* Experience in working with **Cisco Catalyst series 2900, 3850, 4500, 6500,6800, 9300,9400,9500.**
* Hands-on experience in configuring **Cisco Nexus 2K, 3K, 7K, 5K, 9K** and worked on nexus protocols VPC, VRF, VDC and FEX Links.
* Developed ACI (Cisco Application Centric Infrastructure) based Cisco Validated Designs for Enterprises to transform Traditional 3 Layer Architecture to ACI-based (Spine, Leaf and APIC) Architecture.
* Experience working with Cisco Prime Infrastructure and APIC-EM solutions for network management and SD-WAN.
* Experience working with the Incorporation of Cisco Nexus 9000 NXOS to ACI fabric to work in concert with existing Nexus 7000s.
* Implementing, maintaining and troubleshooting switching tasks such as **VLANs, VTP, VLAN** Trunking using **ISL & 802.1Q, STP, RSTP, PVST+, Ether channel using LACP and PAGP**, Inter-Vlan routing.
* Worked with **Cisco**, **Palo Alto**, **Checkpoint, Zscaler, Velocloud** and other vendors to provide a stable, high-speed, secure network.
* Experience in working with **Cisco** 2800, 3600, 3800, 3900, 4300, 4400, 4500, 7200, 7600 series Routers.
* Extensive knowledge in different networking protocols DHCP, DNS, FTP, **VOIP** (SIP, H.323, MGCP).
* Extensive experience with **Cisco IOS**, **IOS-XR**, **IOS-XE, NXOS** Windows client/server operating systems, Linux, Networking technologies, and Firewalls.
* Efficient at use of Microsoft **VISIO**/Office as technical documentation for diagram and presentation tools.
* Responsible for implementing, engineering, & level 2 support of existing network technologies/services & and integration of new network technologies/services.

**TECHNICAL SKILLS:**

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| --- | --- |
| Networking Technologies | LAN/WAN Architecture, TCP/IP, Frame Relay, VPN, VLAN, VTP, NAT, PAT, STP, RSTP, PVST, MSTP |
| Networking Hardware | Cisco Switches, Cisco Routers, ASA/Pix/Palo Alto/Fortinet/Juniper firewalls. |
| Routing Protocols | OSPF, ISIS, EIGRP, RIP, MPLS, IS-IS, BGP, Multicasting |
| Security Technologies | Blue Coat, Palo Alto, ASA, Fortinet, Checkpoint |
| Network Monitoring | SolarWinds, Wireshark, Infoblox |
| Operating Systems | Windows 7, Vista, XP, 2000, LINUX, Cisco IOS, IOS XR, IOS-XE, NX-OS |
| Routers | CISCO 4300, 4400, 4500,2600, 2800,3800,7200, Juniper M & T Series, ASR 1000 |
| Load Balancers | F5 Networks (BIG-IP), NetScaler (Citrix) |
| Capacity & performance | Cascade Riverbed (Flow Monitor), WAN Killer |
| Switches | CISCO 2960,3750,3850, CAT 9300, CAT9400, CAT 9500,4500,6500,6800 Nexus 9K,7k,5k,2k |

**CERTIFICATIONS:**

* Cisco Certified Network Associate **(CCNA)**
* Cisco Certified Network Professional **(CCNP)**
* Cisco Certified Internetwork Expert **(CCIE)** Routing and Switching Written

**CHRONOLOGY OF EXPERIENCE:**

**DISH Network Inc. – Meridian, CO Apr 2015- Till Date**

**Role: Sr. Network Engineer**

**Responsibilities:**

* Worked with Cisco Catalyst 6500, 4500, 3500, and 2900 switches, Nexus 9K,7K,5K,2K devices and Cisco 1800, 2800, 3600, 7200 series Routers.
* Worked with Routing Protocols ISIS, EIGRP, OSPF, and BGP.
* Standardizing and implementing MPLS routing best practices at 25+ call centers & other vendor sites.
* Experience building a new DMZ in AWS Cloud with Terraform Automation.
* Adding a newly built data center to the MPLS cloud and configuring redundancy between two data centers.
* Maintained, upgraded, configured, and installed Cisco ASA 5510, 5520, & and 5505 Firewalls from the CLI and ASDM.
* Providing daily network support for a national wide area network consisting of MPLS VPN.
* Implement Cisco Prime Infrastructure and APIC-EM solution for network management and SD-WAN.
* Incorporate Cisco Nexus 9000 NXOS to ACI fabric to work in concert with existing Nexus 7000s and ASRs for MPLS.
* Involved in an Internal Cloud Platform (ICP) project, with a 3-layer environment: ACI as a switching underlay, NSX logical environment and ESXi environment for compute resources.
* Ability to use CLI to monitor and troubleshoot both APICs and ACI fabric switches.
* Monitoring the ACI fabric using faults and health scores, built-in and external tools, and REST-API to monitor ACI.
* Integrated hypervisor and container platforms into ACI to extend the networking stack up to the end-host level.
* Experience working with various WAN circuits OC-48, OC-12 etc & the SONET ring.
* Experience working with configuring devices and managing 3 data centers at a time.
* Proficient in ASDM on ASA 5510, 5520, & 5585, FWSM, IOS and Palo Alto Firewalls using Panorama.
* Experience troubleshooting network issues and experience working with APCON devices & Fluke Network Sniffers.
* Experience with Microsoft Azure, involved in configuring virtual machines, storage accounts, resource groups, Load Balancer, Applications, NSG’s, and Virtual Network Gateways.
* Designed Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs and subnets.
* Exposure to wildfire advanced malware detection using IPS feature of Palo Alto.
* Implemented many numbers of security policy rules and NAT policy rules on Palo Alto, created zones, and implemented the Palo Alto firewall interface, Palo Alto IDS, and VLAN.
* Participation in 24/7 on-call support on rotation within the team.
* Configuration of different routing protocols to work with WAN and LAN.
* Involved in L2/L3 Switching Technology Administration including creating and managing VLANs, VxLAN, Port security, Trunking, STP, Inter-Vlan routing, LAN security.
* Design, implementation and operational support of routing/switching protocols in complex environments including BGP, OSPF, EIGRP, Spanning Tree, 802.1q.
* Generating RCA (Root Cause Analysis) for critical issues of layer1/layer2/layer3 problems.
* Providing daily network support for a national wide area network consisting of MPLS, VPN and point-to-point site.
* Experience working in integrating new companies into our company network.
* Experience working in rebuilding core networks like voice core networks, building, upgrading & managing new DMZ networks, and building and upgrading user distribution networks.
* Experience in writing standard documents for procedures to be followed in new configurations.
* Experience in supporting major company product releases & and events with network issues.
* Experience working & managing various vendors and call centers in different countries.
* Remote Access VPN & Site-to-Site VPN configuration between vendors and our sites.
* IP Allocation for applications and servers and other needs throughout the company.
* Managed network performance with network analyzers and Netflow monitoring.
* Implementing and troubleshooting firewall change requests using ASDM to resolve connectivity issues.
* Carried out performance monitoring and documentation of relevant network segments to ensure data integrity.
* Key contributions include troubleshooting of complex LAN /WAN infrastructure that include routing protocols EIGRP, OSPF & and BGP.

**Dal-Tile Group Inc. – Dallas, TX Jan 2011- Apr 2015**

**Role: Network Engineer**

**Responsibilities:**

* Implementation of new sites from scratch and projects with phases, like project planning, considering needs and requirements for completion and then implementing to connect with existing network.
* Responsible for IT verticals and business units in implementing new applications and modifications as part of assigned projects.
* Design and implement local and wide area data network systems to facilitate cost efficient, secure, and reliable communications throughout the company and with outside service providers.
* Implementing Data Center Migrations involving complex routing and switching backgrounds to reduce application downtime by refreshing end-of-support devices.
* Evaluating emerging network technology and industry trends in an effort to anticipate future customer requirements.
* Configured routing protocols like OSPF, and EIGRP for maintaining the networks using Cisco Routers and redistribution of the networks from EIGRP to OSPF.
* Implemented Cisco StackWise using up to 4 Cisco 3750 switches.
* Involved in troubleshooting IP addressing issues and Updating IOS images using TFTP. Router memory & IOS upgrade with TFTP.
* Expert level configuration of Layer 2 technology including VLANS, STP, RSTP, PVST, MST, VTP in addition to port-security, Uplink fast, Backbone fast, Port fast, BPDU guard & filter.
* Creating and updating network shares, adding permissions software and groups for users through Active Directory.
* Involved in the deployment of Meraki SDWAN solution across the corporate offices.
* Switching-related tasks included implementing VLANs, STP, and configuring on fast Ethernet.
* Troubleshooting and diagnosis of network problems using IP tools like ping and trace route.
* Performed administrative support for RIP, and OSPF protocol.
* Good knowledge of implementing NAT, PAT and traffic filters using standard and extended access-list, and distribution lists.
* Experience in Physical cabling, IP addressing and subnetting with VLSM, Configuring and supporting TCP/IP,
* Involved in troubleshooting of DNS, DHCP and other IP conflict problems.
* Excellent communication and documentation skills and able to work individually and as a team member
* Performed IP address planning, designing, installation, configuration, testing, maintenance and troubleshooting in complete LAN, WAN development.
* Switching technologies like VLAN, Inter-VLAN Routing, Ether-channel, VTP, MLS, HSRP, VRRP.
* Worked with network services like DNS, DHCP, DDNS, IP4, IP6, IPsec, VPN etc.
* Decommissioning remote site circuits by making routing changes and coordinating with the teams to minimize impact.
* Migrating from Catalyst switches to new nexus infrastructure.
* Built IPsec Tunnels over MPLS with redundant circuits on four sites by stages solving the issues with asymmetrical routing, natting and licensing involving application teams as all our reservation traffic needs to be encrypted to meet our PCI.
* Design, Deploy, manage and Document the High available Datacenter Infrastructure for business-critical applications by creating critical security zones across the distributions and multiple data centers including all the network, storage and server components.
* Cleaning Up broad access rules and remediating that with more granular access.

**California State University, Long Beach Jan 2009- Dec 2010**

**Role: Network Admin**

**Responsibilities:**

* Provided support by addressing a number of ticketing issues in the university.
* Managed fast Layer 3 switched/routed LAN/WAN infrastructure as a part of the Network team.
* TCP/IP network planning, Implementation and Management with subnets.
* Configuring objects such as Load Balancer pools for local traffic management on F5 Load Balancers.
* 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).
* Improving OSPF convergence by controlling SPF algorithm, LSA/SPF throttling.
* Implemented SNMP on Cisco routes to allow for network management.
* Implement ATM/Frame Relay between data centers utilizing Cisco routers & and 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 policies or access control list on routers and firewalls (Cisco ASA, Juniper EX, J series, MX, SSG and SRX).
* Understanding the JUNOS platform and worked IOS upgrade of Juniper Netscreen devices.
* Documenting the Visio's representing the current network designs.
* Creating L3 vlan interfaces for the new subnets as per the requirement needs.
* Maintained and updated various resource record entries of the university’s DNS

**QUALIFICATION:**

M.S. in Electrical Engineering: (Specialization: Networking) Dec- 2010

California State University, Long Beach