

## SUMMARY

- Extremely fluent in verbal and written English and Spanish languages,
- CCNA, CCNP, CCSA, CCSE, MCSE, A+,
- 5 ½ years IT management experiencing, hiring, training, mentoring, delegating and overall project management,
- 21+ years experience setting up LAN/WAN, level 2 and 3 support, strong Internet and security experience, policy development, user profiles, extranet integration, firewall, perimeter and VPN design and management,
- 18+ years experience with CISCO ASA, PIX, FWSM, VPN Concentrators, Routers and Switches,
- Experience with multiple vendor switching, routing, and security products (i.e. not just Cisco),
- 6+ years experience with Check Point Firewall, SMTP and WebSense Integrations,
- **6+ Experience with Palo Alto Networks, CheckPoint, Fortinet and Sonic Firewalls,**
- Azure, AWS knowledge and experience designing and deploying security architecture, firewalls, load balancing, Compute, Storage, Database Components both in Azure and AWS,
- AWS Cloud technology knowledge and experience: **VPC, ELB, Security, Route53, EC2, RDS, S3,**
- Knowledge and experience with NIST CyberSecurity SOX frameworks and compliance regulations,
- 11+ years working experience in the financial and banking industry (Wells Fargo, JP Morgan Chase)
- Extensive experience with the following protocols: TCP/IP Protocol Suite, IPv4/IPv6, EIGRP, OSPF, BGP, RIPv2, HSRP/VRRP/GLBP, ISDN, Frame Relay, PPP, IPSec, 3DES/AES, Radius, TACACS+, NAT, PAT, OSI Model,
- Capacity planning, provisioning, circuit installation, troubleshooting, monitoring, and trend analysis,
- Hands-on experience with data networks, servers, LAN/WAN hardware, physical layer infrastructure and security,
- Firewall, router and server security penetration and vulnerability testing using popular Linux tools,
- Red Hat Linux, Linux-AD integration and Active Directory 2000/2003/2010/2018 design/implementation,
- Extensive experience installing, configuring and troubleshooting Exchange Server v5.5/2000/2003, OWA, IIS, Proxy/ISA, DHCP, WINS, DNS, RAS, Radius, VPN and regular File & Print servers,
- Ability to effectively use Network troubleshooting tools such as Sniffers and Internet scanners,
- Experience deploying wireless Access Points providing large campus coverage,
- Strong leadership, excellent communication and exceptional project management skills,
- Demonstrated ability to create professional network documentation, technical drawings, and presentations,
- Ability to work independently, as part of a team and very capable of handling multiple projects and work activities from inception to completion without direction, under stringent deadlines and high stress levels,
- Able to interface and deliver new proposals to all personnel levels, including Senior Management and Executives

## LICENSES

Computer Science Major, Minor in Music and in Architecture (2 years in a community college, no degree)  
Actively pursuing Cisco's new CCIE Enterprise Infrastructure Certification  
Actively pursuing the Palo Alto Networks Certifications (PCNSA) and (PCNSE)  
Completed the Cisco Certified Network Professional (CCNP) Training, 2000  
Completed Cisco Certified Network Associate course, 2000  
2 Years training at North American Computer Consultants (NACC), Glendale, CA  
Completed Pre-installing and Deploying Microsoft Windows 2000 Professional, 2000 Server File, Print and Web, 1999 Completed Microsoft Certified Systems Engineer course in the 4.x platform, 1999  
Completed A+ Service Technician Certification Examination course, 1998

## COMPUTER SKILLS

**Hardware:** Cisco routers ranging from 26xx, 28xx, 29xx, 36xx, 37xx, 38xx, 39xx, 7200VXR, 65xx, ASR1/9k, Layer 2 & 3 Cisco Catalyst Switches ranging from 29xx, 35xx, 3560s, 3750s, 45xx, 65xx, Nexus 5010-5020, 7009-7010, 5548P/UP-/5596P/UP, 2224TP-E, 2232PP, 2232TM-E, Cisco 4100 FirePOWER w/IPS and ASA 5500-X firewalls, All PIX firewalls models 501-535s, All ASA models (5505-5515-X, 5510-5540, 5585-X SSP-10-60), VPN Concentrators 3005-3030, CSS 1150x, F5 LTM 3600 & 3900, Barracuda Load Balancers, Kemp LM-X15/25 Load Balancers, Juniper VPN SA4500, Palo Alto PA-5020/40/60 Firewalls Appliances, Packeteer PacketShaper Appliances, Nortel Passport 8600 Routing Switches, Most HP/Compaq Proliant Servers, Blade Servers, SCSI, Tape Backup Libraries, RAID Controllers, T1, T3/DS3, OC3, ATM IMA, ISDN, etc.

**Software:** Cisco Prime, ASDM, IXIA, xStream Director, NetMRI, Sniffer Pro, Ethereal, WireShark, Packet Analyzer 4.0, Statseeker Network Monitor, Kiwi Syslog, MRTG, What's Up Gold Pro, Cisco Secure ACS, SolarWinds Orion, DDoS SEM Tool, RH Linux v6-9, RHE v2.1,-4.0, Putty, Secure CRT, Adonis DNS Appliance, DameWare Utilities, VMWare, WebSense, SurfControl, Citrix Secure Gateway, HP OpenView, ManageX, Network Node Manager, BindView, Windows NT 4.0/2000/2003, etc.

## NEW SKILLS

Experience with SDN (Software Defined Networking), Azure, AWS, DarkTrace Security Appliance, Experience with VXLAN configurations and overlay technologies in Data Center networks, Infoblox tools such as NETMRI and IPAM, Openvswitch (OVS) experience, Splunk Enterprise Security (Syslog, etc.), GrayLog Syslog, Python Scripting and REST API, Postman API, Linux bash scripting, Automation tools, Chef, Puppet, Ansible, Solarwinds Orion/NPM, DDoS SEM Tool, VMWare, and many more.

## SOFT SKILLS

Project Leadership, Ongoing Mentoring, Excellent Troubleshooting Skills, System Uptime, System Performance, Configuration Management, Change Management, NIST Security Framework Compliance, SIEM Solutions, SOX Compliance and System and Network Documentation, Excellent Team Player and Work Ethics, Presentation and People Skills!

## EXPERIENCE

January 2021 to Present

Guess?, Inc., Los Angeles, California

### SR. NETWORK ENGINEER/ARCHITECT

Responsible for maintaining data and telecommunication networks for the Global Network. Maintain an infrastructure capable of supporting the business needs. Provide functional and empirical analysis related to the planning, design, installation, and implementation of the network infrastructure. Perform remedial maintenance of network devices including the restoration of hardware and software. Analyze and evaluate existing architecture and ensures security practices are being adhered to. Work with end-users and vendors to resolve network hardware/software issues. Develop and administer end-user training to achieve efficient utilization of Local Area Networks/Wide Area Networks (LAN/WAN). Analytical Skills. Attention to Detail. Leadership Skills. Organizational Skills. VoIP implementation and support, **Cloud Azure Palo Alto network and security environment**, implementation and support, Support of over three dozen HA 5200 Series Palo Alto Network Firewalls and a mixture several 3020, 220, VM Palo Alto Firewalls, along with Panorama. Support of over 375+ Meraki, FortiGate and CheckPoint Firewalls across our Global Network and Store locations, Wireless Tuning, Radius, SolarWinds. Problem Solving, Knowledge of: LAN/WAN, Networking, Network Design and Implementation, Experienced Network Troubleshooting, Root Cause Analysis, Proactive and Preventive Network and Security Maintenance, Network Hardware Configuration, Network Performance Tuning, wide area networks (WANs), intranets and extranets.

**Special Projects:** Palo Alto Migration of 40 Firewall and Local Security Policies over to Panorama, New Store Cisco Wireless, Switch and Meraki Firewall Roll-Outs, Planning and designing 2 Disaster Recovery Data Center sites using DCI Inter-Connects using VXLAN EVPN, BGP and Multi-Site.

March 2020 to July 2020

Tyvak Nano Satellite System, Inc., Irvine, California (*Layoff due to COVID-19*)

### SR. NETWORK SECURITY ENGINEER/ARCHITECT

Perform network and application vulnerability assessments and penetration testing. Deploy and manage solution to protect our core and perimeter networks. Deploy and manage solutions to ensure the confidentiality, integrity, and protection of all data. Orchestrate and test recommended security remediation, including software and firmware patches. Drive the security efforts around Data Loss Prevention, Intrusion Prevention and SIEM analysis. Conduct deep analyses to provide security insights of the corporate environment. Deploy security monitoring tools, and review and troubleshoot security alerts. Lead the Security Awareness efforts, including facilitating presentations on topics of relevance. Review, interpret and translate customer, regulatory and corporate security and compliance requirements into technical design options. Mentor / cross train team members on existing and new technologies requirements. Office 365 administration and AzureAD.

**Special Projects:** Full documentation of network, LAN/WAN/DMZ/WIRELESS, deployment of Splunk Syslog Server, deployment of Darktrace CyberSecurity appliance, Solarwinds DDoS SEM Tool, P Network Security Policy development, alert management, full physical and logical network and system documentation, restructuring of network infrastructure to include full failover and redundancy, wrote a script to streamline many processes that included all engineering Linux systems to be automatically installed, configured, enrolled in our Active Directory domain, to be used for authentication, network file sharing and security control. Supporting, developing new scripts, and customizations for our CyberSecurity Darktrace security appliance.

June 2018 to  
December 2019

Canvas InfoTech, Inc., Los Angeles, California (*12-18+ Month Contract*)

World Wide Technology (Kaiser Permanente Account)

SENIOR R & S ENGINEER/DATA CENTER ENGINEER

Decommissioning and Configuring Network Equipment (Cisco Nexus 6Ks, 7Ks, 9Ks predominately). Project designed to limit the amount of risk within the clients DC environment. Device Discovery, Design, Creation and Review of MOPs to execute Common Recall Queues (CRQ). Engineering Support during CRQs Day 1 Support. Prepare professional full Method of Procedure (MOP) documents that include the current diagrams and post diagrams, pre-configurations, scripts, device lists, cable cut-sheets, cable swings involved, implementation procedures and back-out procedures. Upgrade of all NX-OS Cisco Core and Aggregation Switches.

**Special Projects:** In my short 6 months tenure with this team, I led and spearheaded one full migration of a pair of Cisco Nexus 7010 Core Switches over to another pair of Cisco Nexus 9508 Switches in Non-ACI Mode. Within this project, I was the primary lead implementor and together with other engineers we successfully migrated over 2 Cisco ASR 9001 and 2 Cisco ASR 9006 Routers, 4 IPS 6100 TippingPoints, 2 PaloAlto Firewalls, and multiple sets of Aggregation Cisco Nexus 7010/9508 Switches, Cisco Nexus 6548/5548 Switches and Cisco FEX 2248/2232. During this migration, I also led the planning and migration of bypassing a pair of N5Ks DMZ switches that were eliminated. I have assisted our engineering team with various tasks and fulfilling in different roles with their own projects.

February 2017 to  
March 2018

Mail2World, Inc., Los Angeles, California (*Laid-off plus 2 others due to Company Financial Restraints*)

SR. NETWORK MANAGER/Architect, Information Technology Infrastructure/Network Operations Hands on Sr. Network Manager and network and security architect reporting directly to the CIO, COO and CEO. Responsible for a team of network and systems engineers. Manage a large scale, mission-critical production environment hosted in a data center using Microsoft technologies - Windows 20XX, .NET, IIS and MS SQL Servers, server farms, Linux servers and multiple Internet connections. Responsible for all routing and switching, BGP multi-homed load-sharing routers with 2 ISPs OSPF, HSRP, ACLs, VLANs, Multiple VPCs/VDCs, Spanning-Tree, network security, multiple firewall contexts, Split DNS, IIS, SMTP, IMAP, POP, DHCP, CIFS, NFS, FTP, Virtualization of server and storage hardware. Responsible for over 240 high end servers, over 150+ Public vIPs, spread across four full Class C /24 Networks. Responsible for a large EMC Isilon Cluster Storage Area Networks (SAN), and Network Attached Storage (NAS), and fiber-channel switching and configurations. Responsible for all network connections ranging from 1,10,40 and 100 Gbps connections. Also responsible for managing SSL certificates, Domain Registrations, Securing services with SSL and VPN.

**Special Projects** Management of a high-end AWS deployment components but not limited to Compute, Storage, Database, Network and Content Delivery, Messaging, and Management Tools. Setup a **VPC environment** and designed an effective backup strategy based on our client requirements. **Deployed Elastic Load Balancing (ELB)** to distribute our incoming application traffic across multiple targets multiple Availability Zones (**AZs**). Configured **HTTPS** certificates and supported the management of our scalable and highly available systems on **AWS** with my team of system engineers. Created All these components we used as a backup to our production environment for public access. This includes spearheading a full re-design of our existing data center infrastructure that will include multiple ASR 1Ks Internet Routers, Nexus 9Ks Core Routers/Switches, Nexus FEX 2348TQ-E, Virtualization of BIG IP F5 Load Balancers, FirePOWER 4100 Firewall/IPS, and multiple 3850 DMZ switches. All of this includes a very detailed and complete migration plan to ensure absolute no downtime to our production environment. Deployment of several ASA 5500-X firewalls to support our new VPN SSL Clientless and AnyConnect VPN client with Duo Dual Factor connections for our Data Centers and Corporate offices. Deployment of Cisco Prime Infrastructure and FirePOWER security services. Recently deployed a NetApp 8200 Storage Cluster made up of 3 High Availability (HA) pairs, each HA pair made up of 2 Controllers for a total of 6 Nodes and a full 3 PB of Storage Capacity, all to be used in a migration from EMC Isilon to NetApp.

July 2016 to  
February 2017

YP Marketing Solutions, Glendale, California (*400+ Employee Layoff; Dex Media Acquires YP Holdings*)

SR. NETWORK ENGINEER, Network Operations

Responsible for design, installation, and operational support for all aspects of network equipment across the Enterprise. Work will require familiarity in large distributed office WAN/MPLS environments as well as large Datacenter network environments (Cisco, Arista). **Management of a high-end AWS deployment components but not limited to Compute, Storage, Database, Network and Content Delivery, Messaging, and Management Tools.** All these components we used as a backup to our production environment for public access. 80+ Office and WAN/MPLS Network installation and operational support. Working with other teams (SRE/SysAdmin) to integrate network resources into a DevOps and Continuous Integration (CI) Framework (eg. Firewall, Load balancing, VLAN/switch port). Some of the network gear I am responsible for includes Cisco ISR/ASR routers, Cisco Nexus 7000, 5000, 2000 FEX switches, Cisco

ASA Firewalls and FirePOWER w/IPS, Cisco Prime Infrastructure, F5 Load Balancing Switches (LTM, GTM), Arista Switches. Experience with integrating Virtualization in Large Data Center network environments (Hyper-V, VMware, XEN, KVM).

December 2015 to  
May 2016

The Walt Disney Company, Glendale, California (*6 Month Contract Ended*)

SR. NETWORK ARCHITECT, Disney Technology Solutions & Services (DTSS) department. Responsible for interpreting global business and technical requirements in order to apply advanced network technologies for global consumption. Develop enterprise-wide architectures, standards, design guides, processes, and other reference guides in a technology leadership role. Design complex new technology into the production network. Develop and communicate network infrastructure design plans, future strategic and tactical plans to support decision making activities. Research and recommend next generation network technology, products, & services. Design customized solutions as required to support business objectives. Oversee lab tests, proofs-of-concept, bug scrubs, and other technical evaluations to ensure that new technology fits into the network and performs as expected. Provide technical leadership experience in large, complex enterprise sites, architectures and solutions. Architecting world-class, large-scale data networks for global enterprises that maximize security, performance, scalability, and cost-effectiveness. Building VPNs (client and site-to-site), secure perimeters, and trust zone models. Protect Wi-Fi networks, and develop security solutions in response to regulatory requirements and vulnerability assessments. Work with business units to rapidly develop and implement solutions. Directly or indirectly lead teams of engineers in the implementation of complex technology projects. Build and support enterprise LANs, MANs, WANs, VPNs, and remote access solutions in a variety of topologies. Develop and communicate large-scale standards, procedures, and other reference documentation to guide technical teams throughout an enterprise. Build network infrastructure in current-era data centers.

October 2014 to  
September 2015

BreitBurn Energy Partners, Los Angeles, California (*Company Wide Layoff; Bankruptcy Filing 2015*)

SYSTEMS/NETWORK ARCHITECT, Information Technology Department

Responsible for all network architecture, implementation and support of a 50+ site environment which includes four large data center environments, multiple regional sites and small to medium size remote sites. Conducted large complex projects that include planning, testing, implementing, and life-cycle management. Interfaced with stakeholders to understand business requirements and translated these into functional computer based systems, which required my expert network design and integration skills to maintain BreitBurn's complex and highly available networking infrastructure. Recommended hardware and software to meet project needs. Relied on my years of experience and good sound judgement when planning and accomplishing assigned goals. Our network infrastructure was comprised of Cisco/Nexus Networking, HP Networks, HP BladeCenters, SonicWall and Cisco ASA Firewall and VPN appliances, DMZs, Citrix Cloud Bridges and Citrix Netscalers, NetApp Storage, Satellite and Line of Site, EqualLogic, Fiber Channel, MPLS circuits, Layer 2 circuits, Dark fiber, Internet circuits, SIP trunks, VoIP, QoS, Xirrus and Cisco Wireless environments, BGP and OSPF routing protocols and a large virtual environment in multiple Data Centers. Overall, I am responsible for over 20+ firewalls that include SonicWall and Cisco high-end models, along with a dozen Cisco ASR 1001/1002 Routers, 8 Cisco Nexus 5596 Switches, FEX 2248/2232, 100 HP Switches that include models ranging from 5900 to 2900s, Redundant virtual Cisco Wireless Controllers, 2 ISE and 2 ACS.

**Special Projects** include a large MPLS implementation, Full-fledged Solarwinds ORION NPM deployment with Network/Systems/IT Security/Database Management and System Center and Custom Topology Maps, DDoS and QoS Policy Deployment to support SIP, VoIP, Microsoft Lync/Business Skype, NetApp Data Replication, Exchange Server Replication and highly available and sensitive corporate applications.

March 2012 to  
August 2014

Nexus IS, Valencia, California (*Company was acquired by Dimension Data; left on my own*)

SR. CONSULTING ENGINEER, Professional Services Department

Responsible for client consultation which includes planning, design, implementation, deployment and knowledge transfers. Develop and implement the technical architecture, physical and logical design documents for medium to large client network projects. Responsible to stage, lab, test, install, setup and configure Cisco Routing/Switching and Security products ranging from Branch to Network edge and Data Center. Some platforms include: Nexus 7K/5K switches, Catalyst 650X-E (6/9/13 Slot) Switches/Sup720/Sup2T both non-VSS and VSS configurations, ASR 1K, ASA 5500 and 5500-X Next-Generation-Firewalls in Failover Active-Active and Active/Standby modes, Cisco IPS Sensors in Failover modes. Cisco ACS Appliances including the new ACS 5.X VMs. Advanced experience with various topologies and the following technologies and protocols: L2/L3, BGP, OSPF, EIGRP and RIPv2, VPN IPSec, DMVPN, MPLS VPN, QoS, Routed Access and Spanning Tree, VPCs and VDCs.

**Special Projects** include MPLS VPN with Voice/QoS Design for Large Law firm. Assisted this Law firm

in thoroughly documenting their current Cisco ASA 5585-X SSP20 firewall configuration, rules, objects, and NAT/PAT and security policies, all in preparation for a full migration to Check Point firewall platform. Using Check Point's SmartMove migration tool, I was able to parse the entire Cisco ASA configuration, and convert the ASA 8.3 configuration, objects, NAT and firewall policy to a working Check Point compliant policy. Nexus 7K deployment for large College Campus, ISR Routers and 3750-X and 2960-S stacks for Large School District that includes several Elementary Schools, High Schools and District Office, MPLS VPN WAN with DMVPN WAN Backup for large Super Market, a QoS Design for a large prominent organization known all of the US, New Data Center Migration Design and Colo build out for a large Manufacturing company with Worldwide presence that included Cat6K VSS Core with Sup2Ts, BGP redundant multihomed dual ISP load-sharing BGP routers, ASA Firewalls, WAVE units, and Virtualization. Large QoS Design for a prestigious Hospital, Most recent projects include: provided a well known University Campus with a QoS End-to-End Solution that included QoS templates and scripts for all their Cat6k routers/switches port-channels, access layer and routers;

August 2011 to  
February 2012

Equator Financial Solutions, Culver City, California (*6 months Contract to hire; left and joined Nexus IS*)  
SR. NETWORK ENGINEER, Network Infrastructure

Responsible for designing, planning and implementing all aspects of the network infrastructure to support data and VoIP. Participate in multi-discipline design and architecture teams to provide solutions and capacity planning of equipment and network. Operational support of network infrastructure. Mentor engineers and cross-train peers on best practices and how to efficiently maintain the network. Perform on-going optimization of the Network to ensure adequate capacity, availability and scalability. Design solutions and alternatives that meet documented requirements and delivery dates. Present solutions and makes recommendations to departmental leadership. Configure and Support a medium size production network comprised of over 100+ Internet Web and Database Servers. From the network side, we have a pair of Cisco 6506 Switches in the Core, multiple redundant Cisco 3560 switches in various DMZ segments, a pair of redundant Cisco ASA 5550 Firewalls, a pair of redundant F5 LTM 3900 Load Balancers and a pair of CSS 11500 Load Balancers. In this environment, we have over 75+ IPsec VPN Site to Site Client Tunnels as well as a full blown a Disaster Recovery Data Center backup site for DR and Replication. In our corporate enterprise network, I am also responsible for configuring and supporting Cisco 450X Switches, 3750/3560/2960 switches, along with Cisco ASA 5505 and 5520 firewalls, several 7206 VXR NPE G2 routers in our WAN, various lower end routers such as 3845, 2911, 2651 routers as well as a pair of redundant Juniper SA 4500 VPN appliances. In this environment, we have 7 Remote Sites, 450+ end users, VoIP, and 10 IPsec VPN Site to Site tunnels.

**Special projects** include a full redesign Data Center Migration Project that I am spearheading that will encompass a pair of Cisco 7009 Nexus Switches in the Core, a pair of Nexus 5548UP and pair of Nexus 5596UP Switches in our Aggregation and SAN storage layer as well as Nexus 2248TP-E switches for a our top-of- rack solution. I am also leading an MPLS migration project for 10 sites that are currently connected via VPN IPsec or AT & T Opt-E-man WAN links. A DMVPN solution as a backup to our MPLS full mesh environment is also part of my WAN solution. Additional projects include a security upgrade to a set of new Cisco ASA 5550 Firewalls for our Corporate network and a pair of Cisco ASA 5585-X Firewalls for our Production environment, as well as a new pair of Juniper 6611 VPN appliances to promote our new work from home environment.

May 2011 to  
July 2011

Kapsis, Inc., Redondo Beach, California (*3 month Independent Contract*)  
SR. NETWORK & SECURITY ENGINEER, Network Infrastructure

**Special Project** included assisting a large school district client of Kapsis in a Cisco ASA to Check Point migration project. Assisted this school district in thoroughly documenting their current Cisco ASA 5585-X SSP40 firewall configuration, rules, objects, and NAT/PAT and security policies, all in preparation for a full migration to Check Point firewall platform. Using Check Point's SmartMove migration tool, I was able to parse the entire Cisco ASA configuration, and convert the ASA 8.3 configuration, objects, NAT and firewall policy to a working Check Point compliant policy.

March 2008 to  
April 2011

Cisco Systems, Inc. for JPMorgan Chase & Co., Research Triangle Park (Morrisville), North Carolina  
ENGINEER, NETWORK CONSULTING, Advanced Services

Perform analysis and diagnosis of complex networking problems and designs. Build simulated networks in test labs to resolve complex problems and compatibility issues. Leverage and contribute to Virtual Teams. Provides remote or onsite deployment support. Provides ad hoc systems/product training. Generate standard project documentation including detailed test plan for complex networks. Generate network configurations from Low Level Design for complex networks. Reviews Implementation Plans. Leverages and generates applicable technical "best practices" white papers for non core technologies. Leads and works on projects that are medium to large in scope with moderate complexity, which involves solutions integration. Independently develop, plan, coordinate and execute tasks. Ensures commitments and

deliverables are met. Proven technical project management skills. Strong technical presentation skills to all levels. Solve moderate to highly complex, cross-functional issues. Excellent analytical skills for solving technical issues.

**Special Projects** include numerous rebuild test labs to resolve complex problems surrounding QoS, IP Event Dampening, and Firewall. Produced several documents in the areas of IP Event Dampening, SSH, Grounding Requirements that are now used in JPMC's global network environment. Currently involved in a very visible and critical Software Strategy project to migrate thousands of devices over to Cisco's new IOS 15.0M/T codes. Participate and contribute a large effort in numerous strategic Campus design projects. Volunteered to create a VMWare ESX Introduction/Installation, Configuration and Troubleshooting presentation for a group of 50 internal Cisco employees and attendees ranged from in-person and online via WebEx meeting. It was a success! Assisted in building and upgrading several CCIE Routing & Switch Lab Racks for Internal CCIE training groups and peers.

July 2006 to  
February 2008

Westfield Corporation, Los Angeles, CA

SR. NETWORK ENGINEER

2500+ end-user network, All Hands-On Supervisor

Supervise a Network team of 4 while actively supporting a Frame Relay/ATM WAN environment of over 100+ sites. Manage PIX 535 firewalls, 650X core/edge/distribution switches, manage and configure all existing and new VLAN implementations, DMZ implementations, new Cisco VoIP roll-outs, QoS router and switch configurations, Call Manager, Unity, Litescape servers. Also support and manage two BGP multi-home Internet 7206 VXR core routers. Additionally, I am responsible for all 100 WAN Routers that include Cisco 2621XM, 2811, 3825, 3845 and 7206 VXR across the Enterprise. Provide Level 3 support to local and remote network and systems teams across our organization.

**Special Projects** include an MPLS design with AT&T that is in its first phase, a Data Center redesign to include Series10 Gigabit Ethernet modules in the Core, New Cisco 5550 ASAs as our Core Firewalls, Roll Out existing FWSM and IDS2 Service Modules for Data Center security, Ongoing VoIP implementations for new and existing remote sites, rolling out Cisco Works LMS this year as well as a full out-of-band access solution for all infrastructure equipment. Setup a Linux based Network Monitor Server to gather SNMP bandwidth, latency, trend analysis, and threshold alerting on all network related equipment. Setup a Wireless Access solution for Guests. Due to my network field expertise, true commitment and flexible schedule, upon being hired management was able to drop all outsourcing of network infrastructure support and any upcoming projects with their new in-house experience.

May 2004 to  
October 2005

Anschutz Entertainment Group (AEG), Los Angeles, CA (**STAPLES Center**)

SR. NETWORK MANAGER/ENGINEER

(1100+ end-user network, All Hands-On Manager)

Directly supervise a Network team of 3 while providing technical support for applications and systems within the WAN/LAN and Data Center enterprise that consist of 26 sites. Provide advanced technical assistance to MIS and Network staff. Establish processes, procedures and policies for WAN/LAN and Data Centers. Manage the usage and reporting of assets relating to the WAN/LAN and Data Center environments. Provide network support to tenants and special events held at STAPLES Center and The Home Depot Center that include: Lakers, Clippers, LA Kings, X-Games, NBA Finals, WNBA Finals, NBA All Stars, Grammy's, and The Academy Awards.

**Special Projects** include leading a project to create 80% of our remaining Wide Area Network infrastructure connectivity using IPSEC/AES VPN tunnels and secure P2P links. Lead network engineer in upgrade of our LAN Core Layer 3 Switches at STAPLES Center that included replacing over 50 switches that included several 6509, 4506 and many 3550 and 2950 switches. Implemented a large campus 802.1a/b/g wireless solution. Implemented a Linux Network Monitor server, Lead planner and designer in our national Active Directory 2003/Exchange 2003 migration, which included lab testing, documentation and coordinated rollouts with very little downtime. Implemented a successful Anti-SPAM/Anti-Virus server for the entire enterprise using Pure Message by Sophos. Setup a Linux TFTP server to centralize all IOS backup configuration files. Setup a secure Linux based FTP server that could be used by the entire organization, customers and other parties to share data. Setup an ISA Proxy server with Web Sense integration to provide secure Internet access, while providing full bandwidth control and Internet speed increases due to centralized web page caching. Because of my expert knowledge and experience in LAN/WAN, with particular emphasis in Cisco Systems products, Windows NT/2000/2003 Server platforms, as well as the Linux OS, I have integrated all of remote sites providing a common communication channel and paved the way for a successful Active Directory 2003 deployment.

June 2003 to  
February 2004

Public Health Foundation Enterprises WIC, Irwindale, CA

SR. NETWORK ADMINISTRATOR

(675+ end-user network)

Responsible for enterprise WAN environment for over 60+ remote sites. WAN responsibilities included management and configuration of 3 Cisco routers (2620s). Managed and configured 3 HP ProCurve Switches and 3COM switches. Other responsibilities included management and configuration of two Cisco PIX 515E UR firewalls located at our main site and over 60+ Cisco PIX 501E UR firewalls. Setup, configured and managed six Windows 2000 Terminal Servers running Citrix MetaFrame XP, along with two Exchange 2000 Servers, an ISA, several DNS, DHCP and IIS servers. Provided daily monitoring of Syslogs from all IOS related devices including firewalls. Ran network analyzers and Sniffers to detect and correct Network congestion issues.

**Special Projects** include implementing dialup backup solution for all remote sites. Setup and configured a Citrix Secure Gateway server with SafeWord/Citrix authentication. Implemented an IP NAT project that allowed us to centralize NAT translations from main office. Because of my expert knowledge in VPN Encryption technologies and overall LAN and WAN experience, I provided high level support to the rest of our I.T. Team and end user community.

March 2001 to  
April 2003

Symmetricon, Inc., Irvine, CA *(formerly known as Datum, Inc.; Acquired by Symmetricon and laid off)*

SR. NETWORK ENGINEER

(650+ end-user network)

Responsible for enterprise WAN environment and various local area networks. WAN responsibilities included management and configuration of 19 Cisco routers (2620s, 2503, 2514, 3620, 3810 & 1004). Managed and configured 15 Cisco Catalyst switches (4003, 3548, 2948G & 2924s) and some 3COM and HPs as well. Other responsibilities included management and configuration from scratch of four Cisco PIX 515-UR firewalls and three VPN 3015 Concentrators. Setup, configured and managed seven NT 4.0 Terminal Servers running Citrix MetaFrame v1.8. Also responsible for 4 Exchange Servers v5.5 and several DNS, WINS, DHCP and IIS servers. Provided daily monitoring of Syslogs from all IOS related devices, including PIX Firewall and VPN Concentrators. Ran network analyzers and Sniffers to detect and correct Network congestion issues as well as security breaches.

**Special Projects** include converting company's five sites from Frame Relay to VPN WAN using Cisco gear. Rebuilt the Terminal Server Farms and reconfigured the switching environment. Setup MRTG to monitor bandwidth on all network links. In charge of the implementation of Windows 2000 AD Migration. Researched, developed and implemented new technologies to improve network adaptability, increase network performance and security. Because of expert knowledge in VPN Encryption technologies, I improved the performance of our Wide Area Network ten-fold while maintaining costs to an acceptable level.

April 2000 to  
December 2000

Self Realization Fellowship, Los Angeles, CA *(Contract)*

NETWORK ENGINEER

450+ end-user network

Responsible for network performance, monitoring and for establishing procedures to implement and enforce new security policies. Assisted in the enforcement of physical, system, data and network security. Configured and managed six Cisco routers, five workgroup switches, and one core switch. Ran network analyzers and Sniffer type software to detect and correct Network congestion issues and security breaches. Responsible for configuring and maintaining company Check Point Firewall.

**Special Projects** included documented existing Cisco ASA 5510 firewall configuration, rules, objects, and NAT/PAT and security policies, all in preparation for a full migration to Check Point firewall platform. Using open source tools to document all existing firewall configurations, rules, NAT and PAT policies, I was able to fully convert the entire ASA configuration into a working and tested Check Point firewall configuration.

July 1999 to  
April 2000

TelePacific Communications, Los Angeles, CA *(Contract)*

NETWORK ENGINEER

225+ end-user network

Responsible for the security of all physical devices, systems, data and overall network security using Raptor v6.0 firewall, Cisco PIX 510 & 520, IP Extended Access list on two 1600 and one 1600 Cisco Routers. Configured and managed 4 workgroup 2924xl Cisco switches, along with a Cisco Catalyst 5000 switch running ISL, STP protocol and VLAN configurations. Managed two Exchange Servers, two IIS, and several DNS, WINS, DHCP and File & Print servers.

**Special Projects** include an NT Workstation 4.0 deployment and migration project from Windows 9x platforms. Setup a Microsoft PPTP VPN Server and an Outlook Web Access Server. Lead engineer in a mailbox migration across separate Exchange Server organizations that was needed during an optimization

attempt. Setup and configured the Tape Backup Systems using ARCServeIT v6.61. Through ongoing support, knowledge and expertise, was able to maintain reliable, 100 percent network uptime in a fast and high paced environment.

May 1999 to  
July 1999

LandAmerica OneStop, Orange, CA (Contract)

NETWORK ADMINISTRATOR, Information Systems Department

Provided Network administration and technical support for a department of 25+ individuals.

Responsibilities included using NT Server 4.x utilities to create NT accounts, assign account privileges, reset passwords and manage local groups and permissions. Monitored NT Servers for optimum performance. Configured, maintained and troubleshot Network related issues on servers and client workstations as well as network modem pools and printers. Installed software and provided user access to custom database applications residing on remote-dedicated SQL databases. Provided on-going training to users on systems, Office Suite products and Outlook client software

March 1991 to  
May 1999

Wells Fargo Bank, Los Angeles, CA

August 1998 to  
May 1999

Product Implementation Department

IMPLEMENTATION ASSOCIATE/PROJECT MANAGEMENT

April 1994 to  
August 1998

Corporate Banking Department

LAN ADMINISTRATOR/TECHNICAL TRAINING SUPPORT

March 1991 to  
April 1994)

Southern Cash Management Division

LAN ADMINISTRATOR/TECHNICAL SALES ASSOCIATE