

Network Engineer Network Engineer Network Engineer Work Experience Network Engineer

American Heart Association - Dallas, TX June 2015 to July 2019 Implemented and maintained WAN/LAN/SD-WAN/WLAN for corporate and office locations. Participated in day-to-day network operation, technical guidance, and support issue resolutions which include duty pager through the workday, evenings and weekends. Worked on Cisco routers (2911, ASR 1001, 1002, ISR 4451), Meraki MX 84, MX64W, MX65 Cloud managed router/firewall, switches (Nexus 5K, 7K, Cat 2960, 4500, 6500), Meraki MS 120 and MS 225 cloud managed POE switch Designed and support routing protocols BGP, OSPF, EIGRP, HSRP, RIPv2 and ATM, Frame-Relay.

Designed/configured Cisco wireless controller 5500, access points 3700, 3800 series and Meraki access points MR52 Worked on network infrastructure implementation Cisco NetScaler, F5-LTM & GTM digital Certificate renewals/install, iRules and mapping/route VIP by assigning external/internal IP Implemented and managed Cisco ASA, AnyConnect VPN networks with internal and external customers. Implemented, managed, QoS, MPLS & BB Circuit networks, VoIP, Solarwinds Orion

Worked on Active Directory, DNS, DHCP Scope, RSA authentication manager, Bluecoat, DR project

Worked on VLANs/VLAN tagging, VTP, Spanning Tree, Etherchannel, portchannel, and switched networks. Architected and implemented a network change to offload internet destined traffic locally instead of backhauling it over the MPLS resulted in cost savings and improved performance.

Redesigned the Data Center for PCI compliance, migrated Firewall from Cisco ASA to Cisco Meraki; managed, and configured AWS, Azure, McAfee ePO, McAfee Web Gateway and other Security Products. Implemented, managed and configured VPN concentrators, Cisco Prime, Cisco ISE & Cisco IPS Incident response to NTT Security Operation Center (SOC-US) regarding IP addresses Apache Struts remote code execution Network Engineer (NAT BT Consultant) American Heart Association March 2015 to June 2015 Implemented and maintained configuration management and change practices for security, Cisco Works & Prime and other network administrative functions.

Administered firewalls, policy/rule creation for technical staff to ensure that network is adequately secured. Actively managed and administered programs, processes, and procedure related to anti-virus protection, McAfee HIPs, Websense. Firewall, IPS and other activities related to the

protections of the systems. Managed and administered the processes and vendor relationships associated with internet/network monitoring, intrusion detection, Solarwinds Orion and other network & security related projects and tasks. Security Delivery Engineer Consultant IBM Inc - Dallas, TX August 2014 to February 2015 Deployed and managed SIEM solution using the IBM QRadar Security Intelligence Platform & tools Managed a pilot to deploy a Network & QRadar based monitoring service for privilege monitoring of HIPAA regulated accounts Managed strategic solutions for Security Information event Management (SIEM) and Database Activity Monitoring (DAM) services Managed transition of managed malware protection services to the Malware Defense Team (MDT) Support Whitelisting/Blacklisting IPs, IDS/IPS solutions and network traffic trend analysis Contract Network Security Engineer PepsiCo Inc - Plano, TX September 2013 to July 2014 PepsiCo Inc. Plano, Texas/Network Security Engineer Consult Projects include network infrastructure implementation (router, switches, F5-LTM & GTM, Cisco NetScaler), Security implementation (VPN, Firewall, IDS), Wireless Networking (Access-Points, Bridges, Clients) and support routing protocols BGP, OSPF, EIGRP and RIPv2 Designed and supported global Network & Security infrastructure in router, switches, Firewall, IDS/IPS, SIEM, McAfee Web gateway, and VPN delivery systems Implemented and supported command line interface Cisco ASA, Cisco IOS and Cisco NX-OS Implemented and managed Firewall policies on Cisco ASA/access lists, Netscreen and Checkpoint firewall Designed and support NAT, access rules on Checkpoint and failover on PIX/ASA firewalls ((Active/Standby & Active/Active) Managed and configured Solarwinds Orion/ Lancope replicator point log data for NetFlow, sFlow, Syslog and SNMP Senior Network Engineer Consultant Epsilon Data Management LLC - Irving, TX October 2012 to September 2013 Maintained and supported Data Center migrations, Networking design, networking security, WAN/LAN administration and identify network enhancements. Designed and supported routing protocols BGP, OSPF, EIGRP and RIPv2 Designed and support resiliency for infrastructure by developing and rolling out a plan to adjust F5 GTM traffic monitoring, digital Certificate renewals/install and mapping/route VIP by assigning external/internal IP Migrated Cisco CatOS/IOS switching configurations to Juniper EX 4500/4200s, MX 960s, EX 8216s, MX 80s and

Riverbed project in new office for application acceleration and WAN bandwidth optimization

Deployed, implemented Firewall policies on Cisco ASA/access lists, Checkpoint, Juniper and Fortinet

Designed, supported site-to-site VPN's on Cisco VPN Concentrator and Cisco ASA Firewall

Designed and supported NAT, access rules on firewalls and failover on PIX/ASA Firewall (Active/Standby & Active/Active), Solarwinds Orion & NCM and Internal/External DNS creations/modifications/deletions

Information System Security Engineer Xact Data Discovery Inc - Richardson, TX June 2012 to September 2012

Implemented and managed IDS/IPS solutions and network traffic trend analysis

Maintained web application vulnerability scanning and filtering email using Cisco IronPort

Designed, configured, implemented security solution for new and existing install for customer using the ASA (5505, 5510, ) and Checkpoint NGX R7.x product line

Maintained and configured Cisco any connect VPN connection for remote users

Provided support and monitoring user activity and log files using ArcSight monitoring tools

Administered & monitored VMware, MS Hyper-V, MS SQL Server, Navision, Commvault, MS Threat Management Gateway

Network Security Analyst, IT Operations JCPenney Headquarters - Plano, TX March 2005 to June 2012

Configured, designed and installed of CheckPoint VPN-1 NGX R-65/71/75 firewalls for multiple locations

Setup and maintained CheckPoint-1 security policies including NAT, VPN and Secure Remote access

Enabled remote users to access corporate LAN with Cisco VPN connectivity

Worked on security related issue for Cisco router, switches, VLANs and routing protocols BGP, OSPF, EIGRP, RIPv2

Implemented load balancing solutions on F5 LTMs & GTMs to improve web application delivery speed

Protected network data, monitoring network performance management and optimization

Designed and supported Intrusion detection, and event investigation and response

Education Bachelor of Science in Technical Management in Network Management & Information Security Devry University - Irving, TX Diploma in UNIX & Oracle Database Administration Southern Methodist University - Dallas, TX Skills Bgp, Cisco, Dhcp, Eigrp, Lan/wan

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Additional Information TECHNICAL SKILLS

Operating Systems: Microsoft Windows, UNIX/Linux (Solaris, Red Hat), Cisco IOS, Web Servers, VMware, Windows Server 2012 and Server 2016.

Networking:

LAN/WAN, Ethernet, router, Switches, TCP/IP, DMZ, SSH, SSL, MD5, IPSec, PGP, VPN, VLAN, EIGRP, OSPF, BGP, Frame Relay, ATM, PPP, HDLC, VTP, STP, RSTP, HSRP, VRRP, GLBP, VoIP, F5, DNS, DHCP, QOS, MPLS, DSL, T1, T3, Cisco ACL, NAC, OSI model. Security Technology & Tools: Arcsight, QRadar, RSA envision, Sourcefire, Cisco IPS/IDS, HP Tipping, Snort, Nessus, Bluecoat, Qualys guard, Rapid 7, Cisco Ironport, Blue Coat, NAC, McAfee ePO, McAfee Web Gateway, Encryption & Cryptography, PKI & Smart Cards, 3DES, E-Mail Security, Password Policy & Rules, Languages: C/C++, Bourne and Korn Shell, HTML, SQL, PL/SQL, VBA and Perl scripting.

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