ENTERPRISE NETWORK ARCHITECT/ENTERPRISE ARCHITECTURE TEAM LEAD

Profile

Highly accomplished, deeply driven and results oriented network architect and technical project manager with a successful 15-year track record in internetworking technologies and security with businesses that range in size from several hundred users to large multinational organizations.

Respected, enthusiastic individual with a proven ability to develop and maintain high-level design plans for logical and technical IT architecture.

Core competencies include: Leadership Project Management Strategic IT Forecasting Architecture Documentation Security Budgeting Innovation Collaboration IT Industry Analysis

Professional Experience

Enterprise Network Architect/Enterprise Architecture Team Lead

April 2013 to Current Verizon ï¼ Fountain Valley , CA

- Lead a team of 6 Enterprise Architects with various skillsets and .....
- Develop and maintain high-level design plans for Mercury's overall logical and physical enterprise architecture.
- Provide technical leadership and consulting across the organization, from strategic decision making down to the project planning level.
- Maintain extensive ties with security, development, operations, data and governance functions in the organization.
- I analyze business and technical requirements, and produce logical, technological, and design recommendations for system and service implementations.
- Projects include;.
- Architectural design and physical build-out of three datacenters.
- This project modernized Mercury's internal networks and aligned with Cisco's Virtualized Multiservice Data Center (VMDC) reference architecture.
- This multi-tenant solution with Cisco Nexus 7000, 5000, and UCS allows for a smaller physical footprint and lays the foundation for Mercury to provide private cloud services within the enterprise, allowing teams to deliver solutions faster to customers with shorter product development lead times.
- Architectural design of a multi-site, multi-tenant Cisco ACS 5.2 solution.
- This project allows Mercury to segment control of network devices by business unit, department, and role.

Network Engineer III IT Development Team Lead

April 2011 to April 2013 Verizon Media (Former Oath) ï¼ Atlanta , GA

- Responsible for architecting and deploying network/security technologies and leading a team of engineers.
- Responsibilities and projects included; Physical and logical network and security build-out two datacenter cages.
- Upon project completion, this project will reduce recurring transaction costs for Mercury and help increase our customer base in the realm of payment processing.
- Build out of full mesh site to site connectivity utilizing 4 DMVNP clouds with EBGP and internal OSPF.
- Install and configuration of Cisco Anyconnect SSL VPN solution for site management.
- Work directly with Mercury partners to implement secure and reliable connectivity to their networks.
- Responsible for supervising a team of 6 infrastructure engineers responding to ad hoc and project-driven IT development requests.
- Provided an accountable role in the design, development and application of systems and network standards, techniques, methodology, process management, tools and quality improvement initiatives.
- Provided leadership to drive the continual tuning and improvement of IT structure and processes.

Senior Network Consultant

February 2011 to April 2011 Long View Systems ï¼ City , STATE

- Responsible for leading projects, creating implementation plans and deploying network technologies.
- Projects included;.
- Merging of a Cisco PIX-535 cluster with over 15,000 ACE's to an ASA 5550 cluster.
- The ASA 5550 cluster was already in production and I was responsible for moving and merging all access-lists, NAT entries, and routes.
- Moving Cisco FWSM's traffic in a hosted environment to a new Cisco ASA 5585X cluster.
- This involved moving over 15,000 ACE's to the new ASA 5585X cluster.
- Work directly with third-party vendors to create viable solutions for customers and present those solutions to customers for prospective implementation.

Network Services Manager/Network Architect

February 2009 to January 2011 Allos Therapeutics, INC ï¼ City , STATE

- Was responsible for leading projects, creating implementation plans and deploying network technologies.
- Projects included; Installation and configuration of Riverbed Wan Acceleration between Westminster, CO and Princeton, NJ offices.
- Developed and implemented network redesign with MPLS redundancy.
- This redesign of the Allos network consisted moving all routing from static VPN tunnels to an MPLS network with a collocation at the ViaWest Datacenter as the central hub.
- Developed and implemented plan to modernize Allos network security.
- This involved replacing all old network infrastructure with modern hardware.
- Led a cross-functional project team to move phone system back in house with ShoreTel VOIP phone system.
- Provided top-tier support 24/7 for all network/phone related issues, which includes the administration of routers, servers, switches, wireless

access points, VPN concentrators, firewalls, VOIP, and WAN acceleration.
- Provided tier 3 support for all other IT server related issues.
- Training and mentoring of help desk team on network and VOIP system skills development.
- Responsible for annual maintenance, hardware, and Telco budgets.

Senior Network Engineer/Network Architect
May 2007 to January 2009 Quark, INC ï¼ City , STATE

- Was responsible for leading projects, creating implementation plans and deploying network technologies.
- Projects included; Led a worldwide project team on the installation and configuration of worldwide Cisco ASA firewall clusters to replace Checkpoint NGX firewall clusters.
- This included both firewall and VPN functionality.
- This project saved Quark over $60,000 a year in recurring costs.
- Led a worldwide project team on a network redesign.
- This redesign of Quark's network consisted moving all routing from EIGRP to BGP routing protocols.
- This allowed Quark to add a second WAN cloud into their network and do path selection for highly critical voice traffic.
- Worked with vendor on a worldwide Checkpoint cluster upgrade/firewall rule cleanup.
- Worked with vendor on worldwide Cisco call manager 6.1 and IP contact center upgrades.
- Provided top-tier support 24/7 for all network/phone related issues, which included the administration of Cisco routers, switches, servers, wireless access points, VPN concentrators, firewalls, Cisco call managers and IPCC.
- Administration of Solar Winds, and Ziptie (configuration backups, configuration changes).

Network Engineer II
May 2005 to March 2007 ACC Capital Holdings ï¼ City , STATE

- Responsible for leading projects, creating implementation plans and deploying network technologies.
- Projects included; OSPF/BGP network redesign and WAN link consolidation.
- This redesign of the ACC Capital Holdings network consisted of three major data centers with branch offices located throughout the United States.
- The network was simplified by removing internal BGP from 8 different OSPF Area 0's and going to a single OSPF Area 0.
- After moving to a single OSPF Area 0 we were able to remove redundant WAN links, saving the company over one million dollars a year in recurring costs.
- Created a 3rd party environment so that vendors/customers could connect to our network.
- This included security with Pix firewalls and IPSec Lan-to-Lan tunnels.
- Led a project on the engineering team for Sarbanes-Oxley Compliance, rule building, and enforcement on over 1000 networking devices.
- This involved complex PERL scripting, and automated configuration updates.
- Created a wireless solution for data centers.
- Build out and administration of the CNC (Cisco Networking Collector), which was responsible for gathering network audit information from ACC Capital Holding's network.
- Build out and administration of the RSA enVision server environment.
- This provided needed real-time event alerting, correlation, and reporting to Network Engineering and upper level management.
- Provided upper level support for all network and security related issues at 300+ sites.
- Administration of Solar Winds, Alterpoint, and RSA enVision platform.
- Responsible for training and mentoring tier I network engineers.

Network Technician/ Network Support Tier III
November 2001 to April 2005 Archstone-Smith Network Operations ï¼ City , STATE

- Provided upper level support for all network and security related issues, which included the administration of routers, firewalls, intrusion detection and security systems.
- Worked directly with third-party vendors to resolve installation/maintenance/outage LAN/WAN issues.
- Assisted with the support of all voice systems in the corporate office; telephone, and voice-mail.
- Worked to convert 250 sites from frame-relay to DSL or T1 services.
- Responsibilities on this project were ordering new lines through the providers, scheduling installations, pre-configuring site equipment and assisting engineers in building IPSec lan-to-lan tunnels once equipment was installed.

Education and Training
CCNA - Completed January 2001 CCNA Security - Completed September 2011 CCDA - Completed August 2013 Enterprise Technology Management Certificate : September 2014 CCNA Data Center
November 2013 CCDP
Master of Business Administration : Enterprise Technology Management , May 2010 University of Colorado Denver ï¼ City , State Enterprise Technology Management
Bachelor of Science : Computer Information Systems , August 2002 Metropolitan State College of Denver ï¼ City , State Computer Information Systems
April 2005 CCNP
ITIL Foundation in IT Service Management - Completed August 2013

Skills

TCP/IP, EIGRP, BGP, OSPF, HSRP, VRRP, GLBP, Frame Relay, Ethernet, 802.11 A,B,G,N(Wi-Fi), WPA, WPA2, SIP, MGCP, QOS, VTP(802.1Q, ISL), FTP, SNMP, Spanning Tree, HDLC, vPC, VDC, VRF, PPP, ISDN BRI/PRI, T1/E1, IPsec, TACACS+, RADIUS Hardware: Cisco Routers/Switches/Firewalls Cisco Nexus Switches 7000, 5000, 2000 Cisco Wireless Access Points Checkpoint NGX Firewalls Riverbed Steelhead Appliances VPN/Firewall: ASA VPN concentrator configuration with IPsec, SSL ASA 5500 Firewall configuration and administration DMVPN Network Monitoring/Management: EnVision Server Administration/Configuration Alterpoint Administration Solarwinds/Orion Administration Wireshark/Ethereal/Sniffer Programming Languages: HTML C,C++, C# PERL