Tony Aspillaga
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<u>Senior Network Engineer</u>

Summary of Qualifications
- Senior Network Engineer with 15+ yrs. Hands-On experience on Cisco Enterprise Datacenter Infrastructures
- Experience with monitoring tools SolarWinds Orion, SPLUNK, Observer Apex, Dotcom Monitor, Nagios, Rancid, MRTG
- Extensive datacenter buildouts Racks, Power, Fiber/Ethernet/Twinax cabling, Servers/Appliances - Rack and Stack
- Experience in Datacenter migrations both Site to Site and to managed cloud services (Azure/AWS)
- Expertise in Client/Clientless VPN connectivity (Cisco, Pulse Secure), Wi-Fi design, implementation and management
- Experience with telecom Vendors (Verizon, AT&T, L3, Zayo, Sprint, etc) and physical circuit installations/cabling
- Solid project management experience. Excellent Interpersonal Skills and can interface with Application Developers
- Works extremely well with diverse groups and has proven collaboration skills
- Is highly self-motivated and is adept in solving complex Networking and IT issues. Excellent troubleshooting skills.
- Mr. Aspillaga has over 20+ years in the Information Technology field with 15+ yrs. experience with Cisco Routing, Switching, Firewalls

Relevant Professional Experience

KLA Services LLC
April 2022 – Present
<u>Property Management</u> – (Family-owned business non-IT related)

Artech LLC/IBM - TRUIST (BB&T/SunTrust Merger Support)
Remote/Charlotte, NC – December 2020 – April 2022
<u>F5 Network Engineer</u>
- Configure BigIP F5 LTM/GTM-DNS for Banking applications: 200+ VIPs created/modified
- Expert at configuring Nodes, Pools, Profiles, SSL, iRules, Virtual Servers, Wide IPs, DNS A/AAAA records
- Expert level troubleshooting on F5 using TCPDump, Bash, TShark, Wireshark. Work closely with AppDev. Use of Observer Apex
- Work in a highly secure and dynamic environment. Use of ServiceNow for Change Management. Use of Venafi for SSL management

The Select Group – GMAC
Reston, Virginia – August 2019 – May 2020
<u>Senior Network Engineer</u>
- Manage Network Infrastructure at multiple office sites and datacenters. Cisco ISR, Nexus, WAN, LAN, Azure AD
- Manage NetScaler Load Balancer, Imperva WAF, Cisco ASA/VPN, Pulse Secure, Call Manager, DUO, Meraki Wi-Fi
- Monitor network, SolarWinds Orion, LogicMonitor, Dotcom Monitor, AlertLogic
- Manage Microsoft AD, Office 365, Cisco UCS ESXi, Pure Storage, Nimble Storage
- Manage Server Environments using vCenter/VMWare, Linux and Microsoft Server deployments/patching/upgrades
- Document all processes and diagram network infrastructure. Detail oriented, organized, technical writer

Airline Tariff and Publishing Company - ATPCO
Dulles, Virginia - June 2015 – February 2019
<u>Senior Network Engineer</u>
- Datacenter management of Cisco Nexus with Cisco ASA, Cisco MDS, Juniper and Palo Alto Firewalls, Big IP F5, Cisco Call Manager
- Monitor networks with SolarWinds Orion NPM/NCM IPAM Wireless Heat Maps & SQL Server, SPLUNK and Nagios experience
- Manage Axway for API Access, manage Cisco ACS TACACS+, and RADIUS for authentication and authorization
- Expertise in video collaboration equipment and software to include Cisco Telepresence, Microsoft Surface/Skype, RingCentral and Zoom
- Project management of building renovations and office upgrades to include all network components, plans and implementation
- Work with all network vendors to include Telcos and Datacenters
- Expertise in enterprise Cisco Wi-Fi design, implementation and management. WLC (controllers) and AP installation and configuration.

ACI Worldwide, Inc.
Chantilly, Virginia - April 2013 – March 2015 (Acquired ORCC in March 2013)
Senior Network Engineer
- Performs the installation, maintenance, repair, and monitoring of all Cisco LAN/WAN infrastructure in large Enterprise Network, including associated software and hardware components such as firewalls, routers, CSU/DSUs, and any telecommunications cabling or wiring
- Manage multiple Online Banking production environments using BigIP F5 LTM processing millions of transactions daily
- Maintain 100+ production VIPs on F5 for diverse Online Banking and EBPP environments
- Responsible for installing, upgrading and patching F5 LTM – versions 9 through version 11 (F5 does not have any upgrade tools, extensive experience with fixing syntax and configuration issues as it relates to major version upgrades)
- Certificate management using OpenSSL as it relates to F5 client and server profiles
- Troubleshoot F5 connectivity issues using TMSH shell, CLI, QKView and TCPDump
- Provide network support by responding, troubleshooting, and resolving incidents using Salesforce
- Ensure optimal network performance by conducting performance monitoring by using Solarwinds NPM, Splunk and Vigilant
- Perform network capacity analysis and planning
- Create network asset documentation and diagrams using MS Visio
- Plan and address network hardware and software concerns (High Availability, end of life, Security patches, bugs, capacity, etc.)
- Partner with peers from other ACI teams and assist in aligning the ACI network infrastructure to meet strategic objectives
- Work extensively with Project Managers implementing new services and clients.

Online Resources Corp. (ORCC)
Chantilly, Virginia - December 2005 – March 2013
Network Engineer II
- Management of Enterprise Network Infrastructures
- See to the day-to-day operations of large Cisco Network environment for a complex Datacenter Infrastructure supporting 300+ connections; VPN, B2B, L2L, IPSEC, MPLS, T1, T3, Ethernet, OC3
- Monitoring and configuration management of all Network Devices using SolarWinds NPM/NCM, Nagios, Rancid, MRTG and Big Brother
- Duties include daily interaction with banking and retail clients for new implementations and projects
- Support multiple corporate offices in India and across the US
- Support and management of Cloud services
- Management of all BigIP F5 devices including VIPs, Nodes Pools, Profiles, SSL Offloading, iRules and HA
- Management of DR environments for multiple sites. Maintenance of Checkpoint Firewalls, VSX
- Interface with Vendors Verizon, AT&T and L3
- Open tickets as it relates to circuit outages and troubleshooting
- Experience with Root Cause Analysis and troubleshooting complex network issues

Network Engineer I
- Maintenance, Configuration and Installation of Cisco switches, routers, firewalls, concentrators
- Manage all Online Banking BigIP F5 LTMs. Monitor network health and Sophisticated Monitoring tools (SolarWinds, Nagios, Rancid, MRTG and Big Brother/Hobbit)
- Management of Monitoring servers on both Linux and Windows platforms
- Third tier Network support for 600+ staff.

QA Lab Engineer
- Install, configure, and maintain Lab environment with 200+ Servers
- Reproduce production environment for Full-Life cycle testing in Development and QA environments
- Experience with Windows Server (all versions), MS SQL, IIS, JBoss, ATM Requesters
- Manage VMWare solutions, both GSX and ESX versions
- Software maintenance of network servers including applications: Coreguard, Patchlink, MRTK, Microsoft Updates and Java
- Extensive hardware experience with data center equipment (HP, Dell, arrays, switches, patch panels, network cabling
- Manage all F5 lab environments.

System Analyst
- System administration of mixed MS Windows networked environment
- Installation, configuration, maintenance and troubleshooting of MS Server 2003, MS Server 2000, Windows XP Pro, Windows 2000 Pro
- Maintenance of Disaster Recovery site – provide support for disaster testing and configuration of workstations and servers
- Support MS Exchange, MS Outlook, MS Office 2000/2003
- Installation and configuration of in-house applications: CS3.0, MM, PinQ, Shake&Bake, PPStudio, Remedy and Java based apps
- Installation and configuration of MS SQL versions 7, and 2000
- Extensive experience in hardware and software troubleshooting.

EDUCATION:

8/91 -- 5/95 Old Dominion University - Norfolk, VA
Bachelor of Science in Electrical Engineering
8/88 -- 5/91 N.V.C.C. - Annandale, VA
Associate of Science in Electrical Engineering

Technical Training and Certificates:
MS Azure Admin 103, CCNA Bootcamp, Big-IP LTM Essentials and Advanced Courses, Microsoft Certified Product Specialist - Microsoft Windows NT 4.0. Completion of Intro, to Cisco Router Configuration course, ARS. Completion of Advanced Cisco Router Configuration course, ARS. Completion of SMS Server Administration course, The Learning Tree. Completion of Exchange Server Administration course, The Learning Tree. Completion of Intro, to Intranetworking course, The Learning Tree. Completion of WAN and Telecommunications course, The Learning Tree. Completion of Windows NT 4.0 (Workstation & Server) course, In-house Microsoft trainer. Completion of Introduction to Linux RedHat configuration course.

Network Hardware List:
Cisco Routers – 7600 7200 3900 2900 4881 ISR series, Cisco ASA 5500 series, Cisco Switches – Nexus 5K, 7K, 9K and extenders. CAT 6500, 4800 3500 2960 series, BigIP F5 LTM DNS/GTM, Meraki Wireless, Digi and Lantronix console servers, Extreme (switches), 3-COM (switches), Omni (switches), Synoptics/BayNetwork (hubs), cabling (Twinax, Ethernet, Fiber Optic, Coaxial), Racks, Patch Panels, UPS.

Hardware List:
Cisco appliances, Dell Servers, HP Servers, Lenovo Laptop, Toshiba Laptop, IBM Laptop, IBM Microchannel PC, Generic PC, PC peripherals - Monitor, keyboard, mouse, video, sound systems, USB port devices, etc., Macintosh.

Hardware Experience:
System Boards (Motherboards) - Installation/Troubleshooting, CPU Processor Installation/Troubleshooting/Configuration, Network Interface Cards (NIC) (3-COM, SMC, Compaq NetFlex, etc), SCSI Adapters - Installation/Configuration (Adaptec, BusLogic, Symbios), Video Adapters, Video Bus Accelerators, add-on Video Memory, etc., Sound Cards - Installation/Configuration, Scanners - Installation/Configuration, Printers (standalone/network) - Installation/Configuration

Software List:
Cisco IOS, VMWare ESX, Veeam, NXOS, Salesforce, Remedy, ServiceNow, Solarwinds NPM, NCM, Splunk, Microsoft Windows 10, Microsoft Exchange, Microsoft SMS, Microsoft IIS, Microsoft SQL, Microsoft Servers, Office365, Microsoft Office, Microsoft Outlook, MSMail, Internet Mail, Microsoft Access, FrontPage, RealServer, RealPlayer, HomeSite, Wordperfect, Jet FormFlow, PaintShop Pro, Adobe Photoshop, Corel Draw, Timbuktu, LawPack, Act, Adaptec CD Creator, Internet Explorer, Netscape Communicator, Eudora, TextPro (OCR), Microsoft Agent, Adobe Acrobat, Ghost, Netmeeting, HEAT, Vantive, Mac OS, BE OS, Linux RedHat, RHEL, Filemaker Pro, Roxio, Sonic RecordNow, Microsoft Windows MovieMaker, Norton Firewall, Norton Anti-virus, McAfee anti-virus, AutoCAD, MS Visio, Junos, Cisco AMP.

Protocols and Scripting:
BGP, EIGRP, OSPF, MPLS, VPLS, 802.11 a/b/g/n/ac, TCP/IP, DNS, FTP, SSH, ACS, TACACS+, RADIUS, ACL, VLAN, DMZ, VPC, VTP, VDC, Spanning Tree, VRF, LAN, WAN, WiFi, WLAN, Microsoft AD, PERL, Python, Zero Touch Provisioning (ZTP), DMVPN

References:
Available upon request.

Languages:
Speak/write English and Spanish fluently.