

Systems Administrator and Network Engineer

EXPERIENCE

Actiance Inc. Redwood City California
Senior Systems Administrator, Engineering.

August 2015 to Present

Actiance is a Cloud Archive Provider specializing in solutions to meet compliance across all communication channels for Financial institutions. As a senior systems administrator/ Infrastructure engineer, I performed the following:

- Manage and support the Actiance datacenter colocation sites in San Francisco and Atlanta and cloud environments in AWS and IBM Soft layer
- Providing infrastructure support to the DevOps team by deploying virtualized servers on hypervisors such as VMware ESXi, KVM, Hyper V and Xenserver, LXC/LXD containers and Docker and deploying base Linux and Windows virtual machines
- Automating deployments using Puppet and Ansible
- Installing SMTP servers (Sendmail/Postfix) with Secure transport, VPNs, replicated repositories, patch management servers
- Working with PKI technologies (SSL/TLS and CA's), multifactor authentication, LDAP, Kerberos
- Troubleshooting communication and connectivity issues and break fix support on hosts and vms.
- Responsible for deploying the infrastructure required for customer proof of concepts
- Providing design and architecture assistance to network engineer in planning, expanding and supporting the network infrastructure such as firewalls, load balancers, switches and routers, storage networks.
- Designing and managing the Actiance DR site infrastructure
- Working with software defined networking and cutting-edge technologies such as Ceph, Kafka, Zookeeper, Storm, Karaf, Hazelcast, Cassandra, MongoDB, ELK stack and more.
- Working with SIEMs and Log management such as Alienvault, Graylog, Logstash (ELK)

Mitac Digital Corporation / Magellan GPS Santa Clara, California
Senior Network Architect

February 2008 – August 2015

- Design and manage Magellan's Data-center and Cloud infrastructure as well as internal facing IT infrastructure
- Manage the customer facing Amazon AWS servers that provide location based service data feeds to customers
- Manage and support the Oracle ERP environment on SUN M4000 servers
- Manage the network infrastructure and firewalls based on Cisco equipment and HP and Dell servers
- Manage a worldwide MPLS network connecting the Headquarters in Taiwan to all Mitac sites in the US
- Provide infrastructure support for the Ecommerce/ EDI environment based on NetSuite and SAP XI
- Manage the Storage area network consisting of Hitachi AMS, Purestore all flash, and Dell/Compellent/EqualLogic hardware
- Support the Windows AD and Exchange 2010 messaging environment
- Manage the Web Services farm and Load balancers that facilitate communication between our GPS devices and our ecommerce and ERP systems.
- Managed the helpdesk team in the US offices to make sure we met the expectations of the internal users and preserve the SLA
- Managed Vendor Contracts for Infrastructure, telco, Datacenter, Software licensing and outsourced IT services

Infomatium LLC San Francisco, California Jan 2003 - Feb 2008
CEO / Principal IT consultant

- Started an IT consulting company specializing in managing customer data center colocation facilities and supporting client internal infrastructure and outsourced IT expertise.
- Specialized in Virtualization based on VMware and Xenserver as well as Linux based applications and Windows AD and messaging deployments and support.
- Managed 4 field engineers to make sure projects were delivered on time and that our customers' networks were up and running within the SLA's provided.
- Customers included Berkshire Hathaway, Chabot/Las Positas Community College District, Federal Home Loan Bank of San Francisco.

M+W Zander US operations Inc. San Francisco, California September 2000 - January 2003

Manager of Network Technology

- Worked for this Global Architecture/Engineering/Construction management company that specialized in building Clean Rooms and Fabs and Scientific Research Facilities for companies such as Intel, AMD, HP, Sandia, as well as Government national labs such as Lawrence Livermore and Oak Ridge National Labs.
- I was in charge of managing the US operations IT infrastructure as well as the design and implementation of networks to connect job sites to the company networks.
- Managed email, application servers, database servers, routers, firewalls, switches and telco connections
- M+W had over 4000 employees worldwide and had US locations in San Francisco, Santa Clara, Phoenix, Chicago, Nashua and Plano TX.
- I managed 5 IT personnel at our various locations to make sure we delivered internal IT projects on time and within budget
- Worked on IT budgets for infrastructure, Telco, personnel headcount and managed vendor contracts to make sure the company was getting the best value for its IT investments.

Lan Trek Networks Inc. San Francisco, California September 1993 - September 2000

- Started this IT consulting business using my years of experience in LAN and WAN design, installation and support.
- Specialized in supporting Cisco, Novell, Microsoft Windows, HP and Dell servers and network equipment.
- Supported customers such as Sumitomo Bank, Federal Home Loan Bank of San Francisco, UCSF, Lockheed Martin and more.

The Networkers, a division of Computown Inc. San Francisco California May 1988 - September 1993

- Managed the Network integration division of Computown and provided customers with expertise in the design, configuration, installation and support on Local and wide area networks. Supported large customers such as Wells Fargo Bank, PG&E, UCSF, Genentech, Roche molecular and Autodesk.
- Managed a team of 9 engineers for both pre and post-sale support.
- Managed client projects and assigned engineers to customer projects as necessary in order to achieve successful implementations

SKILLS

- 18 years of experience managing data center and colocation facilities
- Expert in TCP IP networking
- 25 years of experience with cisco enterprise routers, switches and firewalls
- 12 years of experience with VMware virtualization
- 10 years of experience with Citrix XenServer/ XenApp /XenDesktop
- 18 years of experience with Storage Area Networking
- Substantial experience with Wireless networking and messaging
- 18 years of experience with UNIX/ Linux including Redhat/Centos/Suse and Debian/Ubuntu and Solaris.
- 18 years of experience with Microsoft AD and Exchange messaging
- 16 years of experience with Microsoft SQL server
- 12 years of experience with LAMP servers, Apache, Nginx, IIS, MySQL
- 18 years of experience with firewalls and VPNs Cisco PIX/ASA, Checkpoint, Endian, Barracuda, Palo Alto
- 18 years of experience with web server farms, load balancers and PKI/SSL (F5, Citrix Netscaler, Kemp, Riverbed, HAProxy, Coyote Point)
- 10 years of cloud computing on Amazon AWS/S3/EC2
- Wide area networks on T1, DS3, frame Relay, ATM, MPLS/VPLS, Metro ethernet, and wireless microwave
- Expert with the use of monitoring/troubleshooting tools such as TCPdump, Wireshark, Nagios/Zabbix/Zenoss and Solarwinds
- Proficient with configuration management tools such as Chef and Puppet
- Proficient with scripting in Bash/Perl Ansible/Fabric VB and PowerShell
- AWS certified solutions architect associate

- Cisco CCNA and CCNP
- Microsoft MCTS 2008
- Microsoft MCSE 2003 MCSA messaging 2003

LANGUAGES

English
Malay
Urdu
Some Spanish