BRAD L. LEONARD

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OBJECTIVE
 Professional Services

EDUCATION

San Jose State University, San Jose, California
B.S. Condensed Matter Physics—1994.

University of California Santa Cruz Extension, Santa Clara, California
WAN Engineering Award—1999.

AWS Certification
AWS Certified Cloud Practitioner - 2018

Brocade Communications
Brocade Certified Fabric Professional (BCFP) 2007
Brocade Certified SAN Manager (BCSM) 2008
Brocade Certified Network Engineer (BCNE) 2009
Brocade Certified Network Professional (BCNP) 2010
Brocade Certified Ethernet Fabric Engineer (BCEFE) 2011

Storage Network Industry Association (SNIA)
Fiber Channel SAN Professional Certification (L1), March 2002.
Fiber Channel SAN Practitioner Certification (L2), November 2002.

TECHNICAL SUMMARY

Fibre Channel protocol, SAN and InifiBand, RAID storage implications in memory and RDMA,
RoCE, and NVMe technologies. SDN (Software Define Networking) as well as OSPF/BGP/MPLS,
SNMP, QoS/ToS, Layer 4 through 7 appliances and Network Management Stations. Security,
AWS Cloud, HA, and Big Data project builds. Multiple campus, large scale deployment of both
network and system management. Data analytics and reports for monitoring security and metrics.
Interest in Machine Learning. Python with Tensorflow, Pattern Recognition, and Neutral Networks.
Datacenter, storage, and vCenter virtualization with Ubuntu, Redhat and CentOS. MS Windows.
Application and Database support. and application with PostgreSQL, Berkeley DB and NoSQL.
Mission critical server support, VM, PKI, X509, TACACS+, RADIUS, AD and LDAP. Development
in Java, C++, and ruby, python, and all shell scripting. Knowledgeable of open source solutions.

Work History

TeckLink Systems
August 2017 to November 2018
San Jose, California
Senior Technical Operations Engineer at EBay and Pitney Bowes
AWS support. Production API support. JSON and RESTful API, ELK stack.
Splunk, Kibana, Elastic Search, Logstash, Beats, Git, puppet, automated deployment, replacing
win2008 nodes with Ubuntu in EC2 cluster.
Python and bash shell scripts for SNS alter messaging and automated analytic reports.

Brocade   **June 2005 to March 2017**
San Jose, California
Technical Support Engineer
Project management liaison between development and support.
High visibility, cornerstone cases of flagship product critical to high volume sales.
Proof of concept builds of customer specific architecture and emerging product testing.
Remote sessions with customers and ownership of issues. Opening defects with engineering.
Hands on lab builds with storage and datacenter devices, SAN, SDX, VDX, and CES/CER.
Lab testing with live BGP traffic, replicating MPLS, and managed flow queues with SDN.
Linux systems administration, VM infrastructure buildout, OS procurement and administration.
HBA, storage, and file system administration. Directory Server installs. Security management.
Case management for storage and network devices, and Network Management software.
Tiered application support of Java JVM, Apache tomcat, LAMP, postgreSQL troubleshooting.
Analysis of fibre channel protocol traces from analyzers and traffic generators
Troubleshooting and debug in advancing FOS tool and networking IOS platforms.
Lab setup, proof of concept, debug crash and exception analysis.
Specialize host and storage reproduction setup to match security, HA, Big Data, AWS Cloud.
Worked with software engineering on patch level revisions.
Underlying device modifications on LINUX rpm package and daemon core dump analysis.

ACS
January 2004 to June 2005
Santa Clara, California
Systems Consultant
PC systems and Linux server set up for Network storage.
Cluster server setup and administration.
On-site support for storage arrays and SAN environment.
Clients included Green Point Mortgage, Safeway, and Visa.

Britelight Enterprises
January 2000 to 2004
Santa Clara, California
Network and Systems Engineering Consultant
Self-employed, storage system consulting and installing Veritas Cluster and Sun Cluster systems.
Clients included, Northrop Grumman, Applied Computer Services, and Terawave.
Sun Cluster and Volume Manger solutions at Northrop Grumman for Sun Professional Services.
VCS 2.5 projects on E15K domains at Visa.
For Ross Stores client, builds on HDS 9980v, 9970v, 9570v, RAID level, RAID group, LDEV, and LUN security. New installs and microcode upgrades Brocade 12000, 2800, and 3500 switches.
For Safeway Inc., web backend development with Directory server, Sun Web Server, Apache tomcat, Identd, certificate database management on LDAP server.
For KODAK Health Imaging R+D client, proof of concept QA on software for storage, data migration solutions, and Java development for dicomtcpd/HIPAA authentication. Legato for NEAR / OFF LINE storage as the newest addition to PACS, outperforming yields for NBU.
For Terawave client, direct vender as a systems engineering consultant.
API development for High Availability, Agent software development Fail-over Solutions.
Software development using C/C++, and Java.

Veritas Software Corporation   **April 2000 to January 2002**
Mountain View, California
Senior Software Support Engineer

·   Customer service to VARs, DBAs, and system administrators for Veritas Cluster Server and SAN support.
·   Volume management (VxVM) and file system tuning (VxFS), Veritas NetBackup support.

· Provided RAID hardware and FS debugging. Disaster Recovery, BLIB and media server config/install.
· HA product line support. Oracle OPS database editions with NetBackup cluster agents.
· Debugging application and database servers. Duplicated customer sites. NetBackup Agent.

Step.com
January 2000 to March 2000
San Mateo, California
Senior Network and System Admin

· Corporate and co-location site configurations and establishing a new domain name.
· Configured WAN routers, firewalls, secure bridges, switches, DNS master and slave.
· Security policy and corporate LAN design. BEA products and webserver installs, and kernel Oracle.
· Cisco PIX and Sonic Wall firewalls, Cisco 4000 switch,
· Cisco Local Director, Cisco 3620 Access router, Cisco 2640 routers. Internal NetBackup Support.

Sun Microsystems, Inc.   **April 1996 to January 2000**
Milpitas, California
Systems Administrator

· System administrator duties including server support with projects in volume management, LAN design, backups, and monitoring performance. Installed Sun and iPlanet servers.
· Legato and NetBackup expertise. SoftDist, Jump, Directory and Messaging Server builds.
· Network administrator duties included configuration of Cisco and 3COM product families.
· Project lead for network management and documentation.
· Net Council member for WAN and LAN architectural review board. Solved DNS/NIS issues.
· Projects included, OSPF, IPMulticast, IOS upgrades, SAN, HA SunCluster, and SNMP.
· Cost effective strategies required Perl scripting, awk, grep, and sed.