

C. Lance Moxley

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Desired Position:

Seeking a position as a senior level Linux System Administrator

Qualifications/General Skills:

RedHat Certified Engineer

Twenty-two years of Unix experience with twenty years of system administration in a production environment

Extensive knowledge in Unix security

Proficient with all major versions of Unix, including Linux, Solaris, AIX and HP-UX

Solid organization, communication, and problem-solving skills

Quick thinker who can master new concepts rapidly and convey them to others

Proven ability to work independently, handle simultaneous projects, and meet deadlines

Experience:

Linux System Administrator with Department of Computer Science, University of Illinois

March 2009 to current

My responsibilities with this office consist of assisting the Technical Support Group with general Linux administration. Tasks include building and maintaining various server clusters, virtual machines, lab workstations, and blade servers. CentOS 5 is the operating system we use on new installations while still maintaining RedHat 4 and RedHat 5 on older clusters. We are also using Solaris 10 in a small cluster to take the advantage of the ZFS filesystem and running VMware to consolidate physical servers to virtual servers where feasible.

Linux System Administrator with The News-Gazette, Champaign, Illinois

March 2004 to February 2009

I was hired by The News-Gazette to standardize, deploy, and maintain Linux as a server platform for the company replacing a mix of various versions of Linux, OpenBSD, and Windows.

Standardization was centered on RedHat Enterprise Linux 4. Most servers were upgraded to RHEL 5 after thorough testing. These servers performed a variety of functions throughout the company, most critical being corporate email, web, DNS, and file servers. Email was handled by a combination of open source products: sendmail, IMAP/POP, and Squirrelmail. The web servers were a typical LAMP setup with Apache and PHP with mysql on the back end. DNS was a standard Bind9 installation. File servers were all running Samba; netatalk (Appletalk) was also used until the elimination of MacOS9. The main corporate file servers authenticated through an MS Active Directory server and used the Linux ext3 filesystem ACL's for granular access control. All servers were set up with software RAID for data integrity. Enterprise backups were handled by an open source Linux product called BackupPC, which used rsync and ssh as the underlying transportation protocols.

Senior Unix System Administrator with Amdocs, Ltd., Champaign, Illinois

April 2000 to March 2004

RedHat Certified Engineer and Linux specialist

Install and maintain RedHat versions 6.2 through RedHat Enterprise Linux 3.1 and Fedora

Maintain Unix development environment consisting of servers of all flavors of Unix: Linux, Solaris, AIX and HP-UX

Configure and maintain EMC storage solutions with Unix servers

Maintain Internet DMZ Unix machines consisting of various Linux, Solaris SPARC, and Solaris Intel systems

Maintain sendmail and DNS for Amdocs' Champaign campus, in both production and development environments

Install and administer HP's Omniback product for all development Unix servers

Senior Unix System Administrator at the University of Illinois, Urbana-Champaign

April 1987 to April 2000

Develop and implement library network consisting of 50 IBM AIX machines statewide connecting thousands of users to various applications on the Internet

Install and administer Sun SPARCserver 2000 running the BRS database for the library system

Install and administer 4 Sun SPARCserver 1000's running various instances of Sybase

Install and administer Sun SPARCserver 1000 with hundreds of users as a campus wide email server (sendmail with IMAP/POP)

Specialize in porting GNU software on most Unix platforms

Maintain FTP mirror of Netscape's browser, RedHat Linux (SPARC and Intel), and the GNU project

Training:

RHCE Rapid Track Course - IBM - May 2002

PitBull LX Training - Argus Systems - February 2002

AIX V4 HACMP System Administration - IBM - November 2001

EMC Control Center Product Suite - EMC - June 2001

HP-UX for Advanced Unix Administrators - HP - September 2000

Ultra Enterprise 10k Administration - Sun Microsystems - June 1998

Volume Manager with SPARCstorage Array - Sun Microsystems - July 1997

Solaris Network Security - Sun Microsystems - June 1997

Security Liability - American Society of Industrial Security - March 1996

Internet Security - American Society of Industrial Security - March 1996

Solaris 2.X System Administration - Sun Microsystems - March 1995

Implementing AIX NetView/6000 - Skill Dynamics (IBM) - October 1993

Simple Network Management Protocol (SNMP) - Interop In-Depth Tutorial - October 1992

Unix Security I - Gene Spafford, Continuing Engineering Education - July 1992

Unix Security II - Gene Spafford, Continuing Engineering Education - July 1992

Application of Bridges and Routers - Interop In-Depth Tutorial - October 1991

Link Operations - Timeplex, Inc. - March 1990

Integrated Services Digital Network (ISDN) - AT&T Client Training Network - February 1989

Network Management - AT&T Client Training Network - February 1989

Data Networking - AT&T Client Training Network - January 1989

NetView for Network Operations - International Communications Management - August 1988

Hands-on IBM Protocols - American Institute - July 1988