

TIMOTHY R. LANK

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| Summary: | Unix & Linux Systems Administrator and Network Engineer with 17 years of experience in the IT field. Fifteen years experience with Unix & Linux systems administration. Dedicated, thorough, and responsible solution-minded team player. Experience with mission-critical systems in a 24x7 environment. Experience in the Telecommunications, Manufacturing, Medical, IT Services, Consulting, Government, and Education fields. |
| Vendor Certifications: | RHCE EL3 Red Hat Certified Engineer, Novell/SuSE SLES9 CLP Certified Linux Professional, Sun Certified Solaris 8 Administrator, HP-UX 11.x Certified Systems Administrator, IBM AIX 5L Certified Systems Administrator |
| Operating Systems & Networks: | Red Hat Linux 6.x, 7.x, 8, 9, EL 3.x, EL 4.x, EL 5.x, Novell/SuSE SLES9 Linux, Solaris 9, 8, 7, 2.6, HP-UX 11i (11.11), 11.0, 10.20 & 9.x, AIX 4.x, 5.1, 5.2, 5.3, Windows NT 4.0, Windows 2000, Windows 2003, Ethernet, TCP/IP, SAMBA |
| System Software: | Red Hat Cluster Server, Red Hat GFS, PolyServe Matrix Server v3.1.1, Novell ZENworks Linux Management v7, Veritas NetBackup v6.0, v5.1, v4.5, v3.4.1, Veritas Volume Manager v3.2 & v3.5, Oracle 10g RAC, 8.1.7, MC/ServiceGuard, HP Glance Plus, HP Perf View |
| Scripting Languages: | Perl, C, HTML, Korn Shell, POSIX Shell, BASH Shell, NT/95/Dos batch |
| Hardware: | Sun Ultra Enterprise & Sun Fire (E250, E220, E420, E450, E3500, E4500, V480), HP 9000 PA-RISC & Itanium Servers (rp5405, rp5430, rp5470, rx5670, A, D, G, H, K, L, R, T, V), IBM RS/6000 (H70, F40, 43P, 58F, 250, 230), Intel x86 servers, StorageTek tape libraries (9710, L80, L40), Quantum ATL tape libraries, Cisco 5500 switches, Digi EtherPort servers |
| Additional Coursework and Knowledge: | Red Hat Enterprise Directory Services and Authentication, Introduction to the z/OS Operating System and Components, System z Networking, System z Security, VMware 3, LISA '06, USENIX '04, PolyServe Matrix Server 3.1.1 Administration, IBM SAN Volume Controller SVC Planning and Implementation, Cisco MDS 9000 Intro, Veritas Cluster Server v3.5, Veritas Foundation Suite v3.5, Veritas Netbackup Datacenter v3.4, HP-UX v10.20 Systems Administration, HP OmniBack II v2.55, 2 courses TCP/IP internals, 2 courses C programming, intermediate level of conversational Spanish |
| Experience Summary: | US Patent & Trademark Office (02/07-present) IT Specialist - Unix/Linux Systems Administration Project Performance Corp. (07/06-02/07) Linux Systems Consultant General Dynamics/FCBS (03/05-07/06) Senior Linux Systems Architect BearingPoint (01/01-03/05) Linux Systems Architect Compuware/Sprint (06/00-12/00) Senior Unix Systems Administrator Iquique English College (6/99-6/00) Linux Network Engineer American Safety Razor (1/98-6/99) Unix Systems Administrator Framatome Technologies (8/96-1/98) Certified Network Engineer Dept. of Neurosurgery Univ. of VA (9/94-7/96) Unix/Network Admin. Software AG (5/92-8/94) Unix/Network Systems Engineer |
| Experience Detail: | IT Specialist - Unix/Linux Systems Administration Feb. 2007 – present |

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| | <p>US Patent & Trademark Office</p> |
| | <p>Linux Systems Consultant Jul. 2006 – Feb. 2007</p> <p>Project Performance Corporation Contract Linux Systems Consultant for the US Patent & Trademark Office. Led design, installation, and sysadmin testing of Oracle 10gR2 RAC clusters on Linux for organization-wide IT redesign project. Led design and installation of IBM Blade infrastructure for a bioinformatic gene sequence search project. Project is a grid application redesign on Linux.</p> |
| | <p>Senior Linux Systems Architect/HA Team Lead Mar. 2005 – Jul. 2006</p> <p>KForce/FCBS/General Dynamics Senior Linux Architect and project team lead for a High Availability Database Life-Cycle Replacement for the US Army. Designed, tested, planned and implemented Linux Blades, PolyServe Matrix Server, and SANs in a High Availability architecture with Oracle 10g RAC to replace several HP9000 N and L class systems running Oracle 8.1.7. Performed analysis and performance tuning of the architecture. Wrote system of Perl scripts to gather and analyze system level statistics for use in the benchmarking process and incorporation in the after action report. Learned PolyServe and Oracle 10g RAC installation, configuration and optimization on Linux. Implemented Novell ZENworks Linux Management v7 for patch management and imaging. Designed, developed and implemented an OpenLDAP directory, centralized logging infrastructure, and a SAN-centric backup and recovery plan with NetBackup v6.1, for the High Availability architecture</p> |
| | <p>Linux Systems Architect/Sr. Consultant Jan. 2001 - March 2005</p> <p>BearingPoint Project 1: Solaris Systems Administrator and Jr. Oracle DBA for a project to develop a web-based econometric model for a major government corporation. Performed Unix Systems Administration and Database Administration for a Sun E250 running Solaris 7, and an Oracle 8.1.7 database.</p> <p>Project 2: Unix Systems Administrator for a BearingPoint-wide development datacenter. Installed, configured, maintained over 40 Unix servers (Solaris, HP-UX, and AIX). Installed, configured and maintained Veritas Netbackup 3.4.1 & 4.5 for the datacenter with StorageTek and Quantum/ATL tape libraries. Developed automated backup status reporting scripts in Perl. Researched, proposed, developed, and tested procedure to backup Oracle databases using the Oracle RMAN facilities with Netbackup. Managed much of the overall day-to-day operations of the 250+ server development datacenter. Included in the on-call rotation for the production datacenter.</p> <p>Project 3: Linux Systems Architect for the corporation and chief Linux advisor to the CIO. Developing Linux viability and strategy for BearingPoint's internal IT infrastructure. Evaluating applications – both existing and new - within the IT portfolio that best qualify for moving to the Linux platform. Developing best practice information for production systems installation and ongoing maintenance across the enterprise. Developed a corporate Linux desktop prototype. Developing a network monitoring and analysis server for possible deployment in BearingPoint offices worldwide.</p> |
| | <p>Senior Unix Systems Administrator Jun. 2000 – Dec. 2000</p> |

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| | <p>Compuware/Sprint Contract Unix Systems Administrator for the large scale Sprint ION development project. Performed Unix Systems Administration for HP9000 D, L, K, V-class and Sun servers in an ATM and Highly Available environment. Configured and administered HP clusters using MC/ServiceGuard. Performed and configured backups and restores using ADSM. Developed automatic emergency shutdown script for 100+ Unix systems in two datacenters. Developed centralized password changing script for 100+ servers in two datacenters. Administered Sprint-developed Java applications for the project.</p> |
| | <p>Linux Network Engineer Jun. 1999 – Jun. 2000</p> <p>Iquique English College - Iquique, Chile Decided to leave American Safety Razor position on good terms to serve as a volunteer missionary at a Methodist school of 900 K-12 students located in Iquique, Chile. Proposed, researched, planned, designed, acquired, installed, and configured a SAMBA network for 150 existing standalone Windows 98/95/3.11 PC's using Linux & FreeBSD servers on an extremely limited budget. Connected the new network to the Internet with a single free ISP account and 2 free dialup PSTN lines using FreeBSD's Multilink PPP and NAT capabilities for limited simultaneous use by students and teachers. Developed automatic account creation and deletion scripts for annual student enrollment and matriculation. Designed and implemented Intranet services including quotaed-disk accounts for 540 students, web space, and IRC services for classes. Assisted the administration in the purchase, installation and implementation of Y2K-compliant Chilean accounting software. Connected the school to a student-centered education network run by the Chilean government. Contacted local businesses, established key relationships, and as a result, acquired local Chilean commerce software and Chilean accounting software to enhance students' education. Taught several Chilean computer administrators how to design, install, and maintain Linux/Windows (SAMBA) based networks.</p> |
| | <p>Unix Systems Administrator Jan. 1998 - Jun. 1999</p> <p>American Safety Razor Company The Unix administrator for \$300 million consumer products manufacturer operating in a 24x7 multi-site environment. Researched, planned and implemented migration from HP9000 T500 HP-UX v9.04 to a HP9000 K570 HP-UX v10.20. Administered the K570 for 300+ users running 12GB Progress v7.3e databases and QAD MFG/PRO ERP software. Progress DBA for corporation. Proactively monitored system performance and recommended solutions. Researched, proposed, planned, and implemented company-wide central tape backup system for HP-UX, AIX, NT, and Netware servers with HP OmniBack II v2.55 and a Quantum/ATL tape library. Researched, proposed, planned and migrated 50 dumb terminals from an RS/6000 to Digi EtherPort terminal servers. Helped install and maintain Novell BorderManager Internet firewall. Planned and performed Netware upgrades and maintenance for and with WAN/Netware administrator. Consolidated two existing NT domains into a single NT domain. Planned, purchased, installed, and assisted migration of Essbase Data Warehouse from AIX to NT. Wrote automatic file transfer script system in Perl for important freight management project between 4 systems over the Internet.</p> |
| | <p>Certified Network Engineer Aug. 1996 - Jan. 1998</p> <p>Framatome Technologies Information Services</p> |

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| | <p>Certified Network Engineer for Microsoft and Novell Authorized reseller, serving companies and government agencies throughout the central Virginia region. Designed, installed, and maintained NT and Netware networks for customers. Consulted with customers for upgrades and new network installations. Developed and maintained excellent relations between Framatome and its customer base.</p> |
| | <p>Unix/Network Administrator Sept. 1994 - Jul. 1996</p> <p>Dept. of Neurosurgery, University of Virginia The Unix/Network Administrator for department. Administered an HP 9000 model H40 and 7 HP-UX Unix workstations in a medical center wide medical records system project. Installed and configured HP-UX Unix v9.x, additional disks, TCP/IP based network services and SNA connectivity to other medical center resources. Assisted Oracle DBA with system configuration, system allocation, and network connectivity on the HP-UX systems. Also administered business department's Novell and NT 3.51 network (3 Netware 3.12 servers, 1 NT 3.51 server). Managed the department's information technology direction and coordination with other Medical Center-wide IS projects. Interfaced with Medical Center Computing for users' access to center-wide information systems, network cable installation requests, and network infrastructure service problems. Solved Novell server bindery corruption problems. Installed and maintained department remote access servers (Shiva LanRover/T Plus, and co-implemented/maintained a Citrix WinView). Migrated the department from off-site Legato Networker Backup system to a department server copy of Cheyenne ArcServe 6.0 and a DLT-2000 tape drive. Installed and configured ISDN equipment for surgeons to access the medical center network from their homes.</p> |
| | <p>Unix/Network Systems Engineer May 1992-Aug.1994</p> <p>Software AG Federal Systems, Inc. The Unix and Database Administrator for business unit's Rightsizing Center. Responsible for all systems, network, database, and company product administration in three Unix environments (HP-UX 9.x, Solaris 2.x, and SCO ODT 3.x), OS/2, and Windows as well as configuring their interaction with the corporate wide mainframe and VAX hosts via TCP/IP. Performed porting activities for programs and data to and from all platforms. Applied database and network administration incorporating three of the Gartner Group client-server models, Remote Data Access, Distributed Database, and Distributed Application, using Software AG products. Frequently called upon to install, configure, and administer Software AG database products in HP-UX, Solaris, SCO, Novell, OS/2, and Windows environments for customers.</p> |
| <p>Awards and Honors:</p> | <p>CARE team award 2Q93 - Lead member of 6 person Rightsizing center opening event team voted to receive this corporate-wide Software AG of North America award. The CARE award acknowledges contributions to the overall company and it's customers above and beyond the call of duty.</p> <p>SE of the Quarter 3Q93 - Management and Peer voted award - Software AG Federal Systems</p> |
| <p>Education:</p> | <p>B.B.A., Computer Information Systems, Cum Laude, May 1992, James Madison University, Harrisonburg, Virginia.</p> |