

Roger Michael Seip

roger.seip@gmail.com

Technical Skills

Certifications

- CompTIA **A+** Core Hardware, 2003
- CompTIA **Linux+**, 2004
- CompTIA **Security+**, 2009
- Department of Defense Level 1 System Administrator, 2004 & 2009

Operating Systems

- **IBM z/OS, OS/390, and MVS**
- **Red Hat Enterprise Linux, SUSE Linux Enterprise Server**

Technical Knowledge

- OSI reference model and TCP/IP protocol suite
- HTTP, FTP, NFS, Samba, NIS, SMTP, DHCP, DNS
- system hardening, firewall administration, UNIX user and security administration, DoD Information Assurance (IA)
- HTML, XHTML, and Cascading Style Sheets (CSS)
- shell scripting

Work Experience

Systems Administrator, **NOVA Corporation**, April 2008 - present

- Administer over 100 Red Hat Enterprise Linux servers for Defense Information Systems Agency (DISA) in Mechanicsburg, PA.

Senior Application Systems Analyst, **NOVA Corporation**, February 2007 – April 2008

- Designed, purchased, installed, configured, and managed local area network (LAN) comprised of Cisco Voice over IP (VoIP) services, virtual LANs (VLAN), Microsoft Active Directory, and network-attached storage (NAS).
- Redesigned corporate website using XHTML, CSS, and ASP.NET.
- Adapted existing job application Microsoft Word document into ASP.NET job application submission web form to automate and standardize data collection.
- Created password-protected ASP.NET document repository for remote client-located corporate employees to access human resources policies and forms.
- Authored four marketing whitepapers detailing core competencies of employer to be distributed to prospective clients.

Adjunct Instructor, **ITT**, March 2002 – June 2007

- Lead author for new Linux curriculum implemented nationwide in June 2007.
- Customized and delivered classes for the Operating Systems, Microsoft Desktop Operating System, Network

Standards and Protocols, Microsoft Network Operating System II, Linux Operating System, Linux System Administration, Network Development Capstone Project and Database Development courses within the Information Technology - Computer Network Systems curriculum of the Associate in Specialized Technology Degree program.

- Designed original lesson plans, laboratory exercises, homework assignments, quizzes, exams, and independent study projects specializing in Linux and in TCP/IP-based network services integration.
- Reviewed and revised textbooks for Linux and Network Standards and Protocols courses.

Infrastructure Specialist, TAD/Ajilon, August 2006 – February 2007

- Managed and administered public and private DNS network services hosted on Red Hat Enterprise Linux ES for the Navy/Marine Corps Intranet (NMCI) at NAVICP Mechanicsburg.
- Managed, resolved, and reported on assigned problems and change requests using Remedy ARS problem management system.

Information Technology Principal, McDermitt Concrete, June 2006 – August 2006

- Directed all information technology activities for multiple physical sites across central Pennsylvania. Managed and supported Microsoft Windows-based infrastructure: Microsoft Windows 2000 and XP workstations and servers and Microsoft SQL Server 2000; as well as network devices such as switches, hubs, and Cisco PIX Firewall. Optimized proprietary concrete plant operations management software and GPS-enabled fleet tracking software. Documented existing infrastructure and processes.

Torres Credit Services, December 2005 - March 2006

- Wrote business processes operations manual covering IT Management, Collections, Customer Service, and Accounting processes. Provided daily status reports and weekly updates to manuals. Observed, documented, and published step-by-step instructions for performing tasks within the credit collections industry as performed by Torres Credit Services.

Infrastructure Analyst, EDS, August 1998 - October 2005

- Installed and configured **Oracle 9i**, **Oracle 10g**, SUSE Linux Enterprise Server 8 (SLES8), and SLES9 64-bit under **z/VM** on an IBM z990 to support an initial implementation of **DPS**.
- Installed, configured, tested, deployed and supported Red Hat Enterprise Linux 3, SLES8, and SLES9 64-bit as guests under z/VM to support customer projects. Performed security hardening and conducted **Security Readiness Review (SRR)** self-audits.
- Trained customer at **Naval Base Coronado, California**, in customization, operation and support of automated job scheduling software Control-M during temporary duty in autumn 1998.
- Supported all DISA - Western Hemisphere INCONTROL implementations from **System Support Office** in Mechanicsburg, Pennsylvania.
- Upgraded ASIMS INCONTROL host automation software during executive software upgrade from MVS/XA to OS/390.
- Supported multiple executive software applications during ASIMS, Defense Civilian Payroll System (DCPS), Uniform Automated Data Processing System (UADPS), and United States Air Force (USAF) Requirements Data Bank (RDB) and Stock Control System (SCS) operating environment upgrades through OS/390 and z/OS.
- Established CA-ACF2 security administration procedures for ASIMS and DCPS customers. Implemented DoD security policies, resolved Security Readiness Review (SRR) audit findings, and designed security violation automated reporting batch jobstream. Administered ACF2 databases for two hosts: managed users, dataset and resource rules; updated options; reviewed daily reports; and resolved access problems.
- Designed, implemented, and supported intranet website hosted on **WebSphere for OS/390** from 2001 to 2003.
- Created and delivered multiple training classes to customers and to colleagues regarding core business processes and technical skills.

Operations Specialist consultant, Ajilon, February 1998-July 1998

- Managed computing resources such as processor, storage, databases, transaction servers, tape media, and printers, for Armstrong World Industries in Lancaster, PA.

Additional Experience

Winner, Red Hat Solaris to Linux Migration Tech Challenge, May 17, 2005



Letters of Commendation from customer:

Brainbench.com certifications:

- Linux Administration (General) - 2008

Top Secret clearance issued by Department of Defense.

Education

Shippensburg University, Shippensburg, PA

Partially completed **Information Systems Graduate Program**

The Pennsylvania State University, University Park, PA

B.S. in Elementary and Kindergarten Education, May 1995

EDS Operations Professional Development, Camp Hill, PA

Graduate, 1997