

Career Highlights

- Over **nine years enterprise Linux Administration (RHEL/CentOS)**
- Skills validated with **RHCE** and other **Industry Certifications**
- Quality **Bash Shell Scripting**
- Thorough knowledge of **BIND DNS** environment

Overview

Self-motivated and seeking a challenging work environment, I possess very strong troubleshooting skills and an in-depth knowledge of Linux and related services. With over eight years of enterprise level Linux administration, I work well under pressure, understand the business impact of technical issues, and have the ability to present concepts and processes to both technical and nontechnical audiences.

Redesign, implementation and maintenance of Nzone Media's corporate BIND DNS environment has been one of my largest endeavors. The internal structure spans 3 continents, using dozens of VLAN's, utilizing bind 'view' for response control, and D-DNS. Externally is a mix of in-house and 3rd party solutions for forward, and in-house for reverse including partial zone delegation for some external reverse records.

I pride myself on my ability to conceive and deliver quality BASH shell scripted solutions for virtually any situation. An example would be ks_build, a centralized set of scripts which, based around prompted user input, create a standard build server, able to go from bare metal to running post install diagnostics (bonnie etc) within about 6 minutes, at any of our global locations. The process, which checks the provided host name and IP in DNS and populates DHCP & TFTP files, also takes into account if the box is physical or virtual (no need for things like bonnie), uses standard or custom disk partitioning, optional multiple pair nic bonding, etc., as well as creating a build information file which can later be presented through a separate host information script.

As well as being an avid reader of technical material and a very fast learner, I have a strong understanding of TCP/IP networking and systems communication. I am analytical, work well in high pressure situations, have excellent work ethics and strong communication skills.

Related Employment

- **Nzone Media** -Vancouver, B.C. October 2005 to Present (<http://www.nzonemedia.com>)
Nzone Media, formerly Fiver Media and Riptown Media, is the support and development arm of the Bodog Entertainment Group (bodog.com). The global Linux environment consists of approximately 450 RHEL & Centos servers across six locations on three continents. There is an extensive focus on DNS, email and web services. Roughly half of the Linux installations are running in an Enterprise Vmware environment utilizing Virtual Center which, along with most of the physical boxes, runs on HP Blade and 585/685 series hardware.

Linux Administrator, Team and Technical Lead

- Technical lead on a busy team ranging from 1 to 4 members, managing a geographically disperse environment of several hundred servers including large VMware Infrastructures, blades and enterprise servers
- Primary maintainer of a complex, script assisted, manual DNS environment serving a number of internal and external views from over 4,000 zones files
- Primarily responsible for the Linux side of our email systems, consisting of several spam firewall appliances as well as about 8 postfix and sendmail servers
- Create and maintain the majority of our shell scripted tasks such as a ks_build (set of scripts to automate installations mentioned above), a script which did most of the work in rolling out centralized authentication, scripts to create bind configuration and zone files, etc

- Team remotely maintains about 450 installs consisting mostly of RHEL and Centos with a few Fedora, AIX, and Solaris systems
- Overall team responsibilities include everything from file permissions to creating complex rewrite rules for hundreds of web sites hosted on several dozen Apache servers
- Responsible for all aspects from design to build-out of a recent project to completely restructure both our internal and external global DNS environments
- Conduct all technical interviews for Linux Administrator applicants.

• **Open School BC** -Victoria, B.C., December 1999 to October 2005 (<http://openschool.bc.ca>)

Open School BC is a Provincial Government agency providing on-line and print based courses to both public and private schools throughout British Columbia as well as individual students across Canada and abroad. WebCT, a web based online course delivery system, is the primary customer facing application, which a team of 3 managed client requests, although I was also responsible for the requests requiring system level work such as extracting student activity from logs and troubleshooting course data files. The environment consisted of about a dozen servers running Sun Solaris and Red Hat.

Systems Analyst (Nov. 2000 to Oct. 2005)

- Responsible for all Linux servers, including planning, installation, security, day-to-day maintenance etc. Services include WebCT, Apache 1.3 & 2.0, NFS, Samba (SMB), SSH/SCP/SFTP.
- Planning, installation, administration and maintenance of WebCT online content delivery platform. Provide technical support to both staff and clients. These activities include course migration, technical assistance/advise, support of custom administration tools, and resolution of technical issues often working with other staff, client support staff and vendor technical staff. Several instances of the WebCT Server reside on four systems including both Solaris and Red Hat Linux environments.
- Provide advice and assistance with Linux issues including system/desktop support for several workstations.
- Responsible for four Sun servers, two production and two development systems. Server based activities include monitoring logs, software compile and installations, accounts management, Postfix and Apache 1.3 & 2.0.
- Research, analyze and develop recommendations for new technologies, often focusing on Linux integration.
- Provide support and troubleshooting for LAN/WAN connectivity, Windows 2000/XP workstations and Windows 2000 servers as required.

LAN Analyst (Dec. 1999 to Oct. 2000)

- Part of a two person team providing LAN support including Mac and NT server maintenance, backup, LAN/WAN links and assorted network hardware. Also, provide account maintenance support for Unix based email services.
- Desktop/laptop support includes Mac, NT, Windows 98 and 2000 involving approximately 36 users.

• **Tecnet Canada Inc.** -Victoria, B.C., May 1998 to Dec. 1999 (<http://www.tecnet.ca>)

Tecnet Canada provides support services primarily to various areas within the Provincial Government.

Technical Representative

- NT network & workstation support. Part of a two-person team supporting 340 users over 15 LAN's. (BC Parks)
- Team Leader in B.C. Assessment Project. Rollout new PC's, Pen-Computers, plotters, printers and hubs.
- NT Workstation installation/configuration, Y2K testing and desktop standardization. (Min. of Health)
- On site support (tier 2) for Win 95 and NT 4 workstations, network printing & connectivity. (M.C.F.)
- Help Desk support for Win 3.11 & NT 4 workstations. (BCBC)
- Upgrades and repairs to servers, PC's, laptops and printers. (on-site & at depot)
- Some projects included building a Novell 3.12 server, installing OS/2 workstations, file repair on an OS/2 server, hardware repair on a Dell 6300 server, relocating a 24 node LAN and troubleshooting/modifying network cabling.

• **The AMPS Group** -Victoria, B.C., Dec. 1997 to May 1998

The Amps Group was both AmpsConnect, a dial-up ISP, as well as GR Tech, a private Technical College where I had just graduated from (listed below).

- **Instructor**, Advanced Computer Hardware (9 weeks)
- **Teaching Assistant**, Network Engineering (9 weeks)
- **Infrastructure Expansion Project** included LAN, phone system and wiring closet restructuring.
- **LAN, phone system and modem pool** cabling, troubleshooting and maintenance.

Certifications

- Red Hat Linux RHCT Certification received December 2007 78.9%.
Certificate Number: 605007302916317
- Red Hat Linux RHCE Certification received February 2003 85.6%.
Certificate Number: 808003549107478
- CTIA Linux+ Certification received November 2001. 93%.
- CTIA Network+ Certification received September 1999. 97%.
- Dell DCSE Certification received June 1999. Over 90% on both exams.
- CTIA A+ Certification received May 1998. Over 90% on each exam.

Formal Hands-on Training

- **Red Hat Inc., Vancouver, B.C.**

RH300 - RHCE Training Course

- RHEL 5.1, December 2007
- Red Hat 8, February 2003

- **Greater Regional Technical College, Victoria, B.C.**

Computer Network Technician Diploma Course, Graduated with Honours (top in class), November 1997

- Four modules totaling 26 weeks: Advanced Hardware, Novell Administration, NT Administration, Network Engineering. Approximately 75% hands-on training.
- Network OS's included Windows NT 4.0 and Novell NetWare 3.11 & 4.11.
- Most network protocols were covered with focus on IP4 and TCP.
- Training also involved routers, hubs, switches, print servers, wiring closets and cabling schemes.