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Network & Systems Administrator – Windows, Unix and Linux

OBJECTIVE

Responsible position in network or systems administration utilizing my Windows (MCSE), Linux (BrainBench Certified), Unix (Brainbench Certified) and / or Cisco (CCNA - expired) Skills.

EXPERIENCE

Avidyne Corp, Melbourne, Fl

10/2007 - 3/2008

Systems Administrator

Provided on site support for Avidyne's Melbourne offices and backup support of out of state offices. Servers are a mix of Windows 2000, Windows 2003, and Linux. Desktops and laptops are primarily Windows XP with some Linux machines. Maintained multi-site MS Exchange for group ware. Maintained door access / security system for both offices. Maintained phone systems for both offices. The Wickham office is on an Atligen Phone System. The Manufacturing facility has a newer Alcatel VoIP system. Created the IT Policies and Guidelines booklet. Implemented internal Instant Messaging system for users on CentOS Linux with OpenFire. Restructured the Active Directory organizational units to better match company structure and give more flexibility on group policies. Restructured internal company email and security groups to better match the company structure.

Optimi Corp, Melbourne, Fl

11/2003 - 6/2007

Sr. Linux / NT Systems Administrator

Using Linux (MNF), set up a firewall w/ DMZ for the Melbourne Office and the Atlanta office and configured, using IPSec, a corporate VPN. Configured the corporate active directory on Windows Server 2003 and moved email to groupware utilizing Exchange 2003 Enterprise Edition and setup secure Outlook web access with IIS and certificates over https for remote users unable to VPN in. Remotely set up their VPN and re-configured the IPSec tunnel so all offices communicate over a meshed VPN tunnel. Went to Malaga to integrate their network, migrating them to Optimi's Active Directory and Exchange environment from their existing AD/Exchange and configured https access to the web based Outlook for their office. Configured company wide Client/Server VPN access for remote users. Using Zabbix on Fedora Linux, set up monitoring of the Melbourne and Malaga offices' networks and servers. Deployed Symantec's Corporate Anti Virus solution for server and desktop Antivirus and deployed Kaspersky Anti-Virus on the Exchange Servers. Configured Mail Relay Servers in the the main offices for special cases where email had to go out of Optimi a specific way. Upgraded our corporate firewalls to SonicWall 2040s and set up each office with dual ISP connections reconfiguring the Interoffice VPN to fail over between ISPs and load balancing outbound traffic. Created the appropriate MX records so that email could fail over to either the secondary link at an office or go through the other offices and que up should we lose all Internet connectivity at an office. Deployed Blackberry Enterprise Servers in the Atlanta and Malaga offices so Blackberry users could have access to Exchange. Worked with upper management to determine ERP system needs and lead the selection process. Deployed the HW & SW for the corporate ERP solution, using Navision on MS SQL in both our EU and US HQs using Citrix for client access. Routinely work with the software developers & QA team configuring test servers for various scenarios. Internally, the majority of the desktop systems are Windows XP with some Linux (Mandrake). Internal servers are a mix of Linux (Mandriva, SuSE, & Fedora), Windows Server 2000 & 2003, and Solaris.

CDI Innovantage, Melbourne, Fl

4/2002 - 9/2003

Unix / NT Systems Analyst

Contract IT support for Agilent Technologies' Melbourne Office to support Wizard development team. Provided on-site IT for the office, including frontline support, backup / restore, server (NT4, Win2K, **Exchange**, & Redhat Linux) and workstation (Win2K, WinXP, HP-UX, & Redhat Linux) administration. Upgraded workstations and laptops from NT4 to Win2K and WinXP. Installed 802.11b wireless networking for laptop and handheld users. Installed iDSL to host a web based project for the engineers. Upgraded iDSL to a T1 to support multiple web & secure ftp servers for multiple new projects. Built out the Win2K and Redhat Linux servers for these projects and trained engineers on SSH.

ATI Research, Inc., Orlando, Fl 1/2001 - 1/2002
Unix / NT Systems Administrator
Systems Administrator for ATI's Orlando office. Duties involved all aspects LAN / WAN services in a multi domain multi site network including: configuration and maintenance of servers (Redhat Linux, HP-UX, Solaris 2.6-8, & NT4-file/print/exchange) and workstations (Win9x, Win2K, WinXP, & Redhat Linux), WAN maintenance, secure ftp, nfs, nis, network backup/restore, and local resource planning. Upgraded Solaris 2.6 "compute" server farm to Solaris 7. Installed 802.11b wireless using Orinoco hardware. Introduced Linux to the office and configured test machines for engineers to use, which allowed the migration of some tools from NT and Solaris to Red Hat Linux, providing both a performance gain and cost savings. Maintained anti-virus protection on WinNT and Exchange servers and on the users desktops.

eCalton.com, Vero Beach, Fl 2/2000 - 11/2000
Network Administrator
Maintained and planned a mixed network of Windows NT and Redhat Linux Servers for corporate LAN/WAN. Planned and deployed Lotus Domino utilizing Linux for the Server with WinNT and Web based clients. Migrated file servers to Redhat Linux/Samba to free NT file server allowing secure ftp to the file servers as an external method. Supported in-house users on WinNT Workstation and started migration to Windows 2K Professional. Supported eCalton clients with both client and server issues. Networked Houston, Texas office and configured Wan access to corporate Domino Server via IDSL and configured remote control access of Houston resources from corporate office.

ACR Systems, Jacksonville, Fl 2/1999 - 2/2000
Network Administrator
Maintained and planned network resources for corporate LAN/WAN. Servers included Windows NT4, SCO Unix, Redhat Linux, Sun Solaris and Novell. Client systems included NT4ws, Win95, Win98, Redhat Linux, & SCO Unix. Planned / implemented migration of file, print, and network-fax services from Novell to NT. Planned and implemented new IP address scheme for internal network. Upgraded TimeControl to SQL 7.0 based server and added java based client access. Upgraded hardware and fixed configuration problems for Exchange 5.5. Planned and implemented Y2K upgrades for network, telecom, and security systems. Maintained corporate websites and secure ftp servers. Maintained corporate phone system on Executone equipment. Maintained corporate security system on Hirsh equipment.

Solunet, Palm Bay, Fl 12/1996 - 2/1999
Network Administrator
Maintained and planned network resources for corporate LAN/WAN. Servers included Windows NT4, Citrix Winframe 1.7, Novell, Redat Linux, SGI Irix, and Sun Solaris. Client systems included NT4ws, Win95, & OS/2. Migrated mail system from SMTP/POP3 on Linux to MS Exchange. Implemented Citrix as the solution for remote office access of corporate applications. Maintained corporate firewall on a Watchguard Firebox. Maintained corporate DNS using BIND on Solaris, then latter on Windows NT. Maintained FTP servers on Solairs, Irix, and Redhat Linux.

Florida Online, Rockledge, Fl 6/1996 - 12/1996
Web Services Technician
Helped start Florida Online's web design department. Designed corporate web sites.

Tachyon Communications Corp, Melbourne, Fl 9/1994 - 6/1996
Web Services Technician
Designed corporate web sites. Provided tech support for OS/2 and Macintosh users.

Payne Confection Company d.b.a. The Soda Fountain 12/1992 - 3/1994
Melbourne, Florida
Vice-President / Manager
Managed family ice cream business. We sold the business in 1994.

Bailey's Limited, Hamilton, Bermuda 8/1990 - 12/1992
Manager
Managed ice cream manufacturing company and computerized the inventory system.

Payne Confection Company d.b.a. Swensen's, Melbourne, Fl 6/1984 - 8/1990
Manager

Helped manage family ice cream business in the local mall.

EDUCATION

Florida Institute of Technology, Melbourne, Fl
Bachelor of Science

3/1990

Bachelor of Science in Business Administration. Major in business administration with computer science. Minor in marketing.

CERTIFICATIONS

CCNA (Cisco Certified Network Associate (expired))	1/2002
BCUA (Brainbench Certified Unix Administration (General))	12/2000
MCSE (Microsoft Certified Systems Engineer)	11/2000
MCP+I (Microsoft Certified Professional + Internet)	11/2000
BCLA(Red Hat) (Brainbench Certified Linux Administration (Red Hat))	9/2000

ADDITIONAL INFORMATION

I currently have a home network setup which includes: BeOS, eCS, HP-UX on PA-Risc, Linux, Mac OS, OS/2 Warp, QNX, Solaris on Sparc, WinXP, Win2K and Win9x. All systems communicate via TCP/IP through 10/100 Switches or over 802.11g WiFi and have access to the Internet from behind a NAT Firewall / Router. Access to my home network from the outside is through SSH. I recently setup 802.11g wireless access of a local coffee shop (The Sun Shoppe Café). Worked with a local start up to design Network Load Balanced IIS cluster and SQL Server fail over cluster for corporate web project.

