

Lakhwinder Singh
Lssingh@yahoo.com

Summary:

- System Administration on UNIX, Linux, Solaris, BSD, & Windows OS
- Monitor network 24/7 using **ntop,webmin,language** applications
- Support **IBM Lotus notes sametime**(Web app.) for meeting purpose
- Implement Successful **Disaster Recovery (DR)** exercise
- Check daily/weekly backup using **rsync**
- Write shell scripting using bash & Python
- Setup/Monitor web servers: **www, IIS, apache2, Tomcat**
- Deploy applications/patches over network
- Provide rotation on call support 24/7 (worldwide)
- Setup/support datacenter servers for minimum downtime
- Configure switches & routers for the entire network
- **IBM Domino Administration** on Linux servers
- Off-site backup using DDR3 tapes
- Setup/monitor Snort **Intrusion Detection Systems (IDS)** Version 2.8.3
- Work closely with webserver cgi-bin scripts on SuSE Linux(Yast administration)
- Monitor incoming/outgoing emails on **Barracuda** firewall
- Work closely with vendors for purchase servers & network software supplies

Technical Skills:

- O.S. (Windows) - M.S. Windows 7,10, Active directory, Server 2012, 2016 (Installing & Configuring), *citrix, terminal server*

- *O.S. (Linux / UNIX)* – SUSE Linux, Red Hat Linux, Fedora, CentOS, AIX 4.3, Sun Solaris 9
- *Admin. Tools* – SMIT, Ping, Traceroute, Symantec Ghost, Timbuktu Pro, PC Anywhere
- *Applications* – VMware, Microsoft Office, Open Office, FileMaker Pro
- *Databases* – Lotus Notes Domino, File maker Pro
- *Backup* – Tar, Backupedge, Rsync using SSH, Veritas Backup Exec.
- *Security* – SSH, Port Scanners, Lan Guard, E-trust, Norton Antivirus
- *Graphics* – Adobe Photoshop
- *Mail* – Domino, Lotus Notes 7.0.2, POP, IMAP, SMTP, Sendmail, Postfix
- *Networking tools* – TCP/IP, Telnet, FTP, DNS, DHCP, BIND, NAT, ifconfig, Xinetd, Samba
- *WWW Servers* - Apache, IIS, Tomcat, Java, J2EE, JSP, EJB, Servlets, UML, webservice,
- *Server Consolidation* - VMware Infrastructure 6, VMware ESX Server VirtualCenter, P2V, thin client,

Professional Experience:

Adient LLC

January 2016 – Present

Position: Systems Administrator

- Monitor, maintain and administer IT Infrastructure using Solarwinds monitoring software
- Experience in cisco switches maintaining different vlans, port configuring
- Resolve issues at the earliest possible stage within capabilities, and escalate despite of which level of support should resolve it.

- Maintaining complete records of data, such as communication transactions, installations, issues and remedial action taken.
- Detailed Knowledge of: Windows Active Directory, Windows Server 2008 / 2012, Windows 10, Office 2010, Office 365, Microsoft SCCM, Veeam Backup technology and processes and Hardware Troubleshooting .
- Knowledge of: VMware vSphere, Microsoft System Centre Configuration Manager, Storage Area Network (SAN and/or NAS)
- Experience with LAN/WAN/Wireless Technology and Systems and Network Security
- Experience in CAD/CAM Application Support is preferred experience in a manufacturing environment
- maintain manufacturing Production floor IT issues.

Wells Fargo Inc.

March 2010 – December 2016

Position: Systems Administrator

- Web engineer at PreProduction Environment Management Operations (PPEM-OPS) group.
- Knowledge of Clear Quest and remedy ticketing system
- Implements the resolution of complex technical problems involving creation of Web sites and e-commerce applications and their integration into the bank's existing computer systems.
- Provides senior-level technical support to Web Developers.
- Using backup tools like Veritas backup and netvault using HP tape library
- Upgrades and maintains the systems that employ scalable, advanced technologies and methods to integrate Web systems with existing

systems, enabling the creation of new Web enterprises or expanding existing business onto the Web.

- Working with softwares like Avocent, Dell Drac systems, Clear quest.
- Develops and implements Web systems support applications infrastructure for e-commerce, Web-based customer support and Web interfaces to databases.
- Monitor and gather performance statistics to assist in determining hardware requirements and communication bandwidth to support projected transaction volumes and response time and system
- Closely working with Qlogic fiber optical switches, configuring I/O cards.
- Assist with facilities management (infrastructure assessments, shipping, receiving, etc.) Installation (rack, unrack) of UNIX (Solaris 10), Linux (Redhat) and Windows systems (Windows 2008 server) on SUN, HP, and IBM hardware.
- Support SUN, HP, IBM server class hardware and SUN, Hitachi , and HP storage arrays.
- Perform installation, network configuration, patching, upgrades, configuration and administration of Solaris, Linux, and Windows servers.
- Monitor systems availability, capacity and performance using HP Openview (OVO/OVPI).
- Provide performance tuning and automation of UNIX/Linux and Windows systems.
- Review logs for systems or security issues.
- Manage user access requests for UNIX and Windows systems
- Perform systems backup and recovery on Windows, UNIX and Linux systems (Netbackup).
- Maintain documentation of systems configuration, procedures and practices.

- Responsible for troubleshooting network and pre-production Lab facilities problems.
- Facilities on-call 24x7.

XP Power Inc.

June 2000 – Dec. 2009

Position: Sr. Systems Administrator /Domino Systems Administrator

- Utilizes strong technical skills to validate and verify technical orders and data.
- Knowledge of Lotus notes ticketing system
- Evaluates the effectiveness of the data system manager using troubleshooting expertise to resolve problems swiftly.
- Administrator Domino 7 server and Lotus notes client 8.0 users
- Designed and administrated server consolidation program through use of VMware ESX server and VMware VirtualCenter. I wrote the strategy document, designed and administrated the environment. I have also designed the performance monitoring processes and improved disaster recovery processes to utilize virtualization benefits.
- Performed cost analysis supporting consolidation of physical servers into VMWare
- Monitored Java-based search application via JMX/RMI
- Install and configure Linux RedHat, Apache Http, Tomcat and MySQL on Sun E250 servers and deploy J2EE applications
- Install, maintain, upgrade and support enterprise wide J2EE applications in Dev., Test, and Prod. systems running tomcat application servers on Linux systems
- Responsible for Daily monitoring of 20 Regional North American, Asian, and some European Domino servers, for tasks such as Availability Index

Checks, Performance / Resource / Disk Structure / Disk Space Checks, Mail Routing Monitoring, Replication History Checks (for critical system files, i.e., names, nsf, admin4.nsf..etc..)

- Responsible for maintenance of the automated data processing equipment monitor; minimizing downtime and ensuring the highest levels of responsiveness.
- Installs and manages servers (primarily Suse Linux and Solaris; also Mac OS X, Windows NT/2000/2003/2008 and FreeBSD) providing a broad variety of services.
- Deployed, managed, developed deployment strategies, and coordinated software application deployments to the entire Windows infrastructure such as Microsoft Office Products, SAPGUI 4x/6x, Anti-virus, Microsoft Critical patches.
- Implemented and maintained a Windows 2003 Server Active Directory Domain Test Lab with a representative test Environment in conjunction with VM instances of Windows Server, Setting up active directory on windows 2003/8 servers
- Installed, configured, administered Windows 2003 Servers, SMS 2003 R2, Microsoft SQL Server 2005 and IIS 6.0 for xppower.com
- Deployed SMS 2003 primary server sites and clients to 4500 systems across North America and Europe. Expert level troubleshooting of complex networks: Windows 2003 core networking, DNS, DHCP, TCP, Use and application of appropriate troubleshooting tools such as Windows 2003 Resource Kit utilities, diagnostic tools, custom scripts, etc. Use of Network monitors, packet sniffers to monitor, diagnose, analyze, optimize router / switch TCP/IP and other related protocols.
- Managed, administered, updated TrendMicro Antivirus Servers and clients. Active Directory administration; VBScript ADSI scripting and Active Directory site configuration
- Builds and installs systems from scratch using Windows XP, Vista, and Linux.

- Replicates Domino Databases between servers from site to the datacenters.
- Worked with Dell Poweredge and HP Proliant servers
- Extensive use of HP Rapid Deployment Pack (Symantec (Altiris) Deployment Solutions).
- Creates and maintains Domino address books users, re-certify ids
- Creates system images onto PC using Power Qwest and Norton Ghost Software.
- **Supports a team of 20 engineers with technical software issues for AutoCAD, Solidworks 2008, Pro E, and Pads.**
- Maintains engineering software licenses by network license key and manage between branches.
- Analyzes, designs and implements network infrastructure incorporating: Cisco Routers, Dell switches, bridges, wireless hubs, patch panels, data ports, and any other necessary network components.
- **Secures and monitors systems using LAN guard networking & scanning tool.**
- Configures and maintains sametime server (IM server for Lotus notes).
- **Administers web servers running on Suse Linux using Apache2, email (Postfix imapd), rsyncd, proftpd, later vsftpd, and file sharing Samba services.**
- **Back up and restores vital data on Windows NT/2000, Suse Linux, IBM AIX system using Rsync.**
- Directly handles all sales of technical equipment including negotiations and purchasing.
- Replaces and refreshes design for mail databases.
- Maintain mailboxes and create multiple mailboxes during corruption.
- **Provides support for over 300 employees locally and remotely within Singapore, China, UK and USA.**

- Plans and implements T1 and DSL solution to improve productivity and reduce costs.
- Architects and implements data center virtualization by converting standalone servers to blade servers and moving all of development and some of production to VM's where possible.
- Supports Norton Antivirus Corporate Edition for the Enterprise.
- Successfully completed 20+ high profile projects on time and almost always under budget.
- Work with users and peers to implement, analyze, test and provide day-to-day support.
- Moved LAN into new building, built and configured from the ground up, LAN doubled in size.
- Responsible for vendor relations including: gathering of quotes, negotiating support contracts, etc.
- Recommends, evaluates and purchases IT assets and maintains inventory.
- Responds to and diagnoses service issues through discussions with users and is responsible for leveraging resources across all levels of the organization.
- Conveys customers' perspective to project teams responsible for newly implemented products and existing product enhancements
- **Maintains system tape backups and implemented disaster recovery plan (DR).**
- Creates group policy objects to limit user's ability to make changes to computers.
- Utilizes Trouble Ticket Express tracking system that was designed to provide customer support for 300 users in order to diagnose and analyze problems with end users.
- Installation of server based software such as Citrix Server and Metaframe to allow remote users to have faster processing speeds over a remote dialup of IP connections to the servers with average hardware.

- Serves as liaison between client and account manager to insure technical solutions meet the organizational needs.
- Successfully implements projects sponsored by Engineering, and Accounting departments properly complying with all established policies such as Project Development Process and change management.
- Provide 24X7 support

Sun Microsystems

August 1996 – March 1999

Position: Quality Auditor

- Primarily responsible for completely auditing workstations and servers before shipment to customers.
- Performed testing for quality standards assuring that proper packaging meets assembly and test techniques.
- Tested computer systems such as Neutrons, Electrons, Pulsars, Deuterium and Quarks for quality standards.
- Checked for defective systems to make sure they met industry standards before shipping them out to customers.
- Worked with Solaris OS on all systems to check for any errors and proper configuration.
- Maintained excellent customer relationships with vendors.

Education:

UNIX System Administrator Certification
A+ Certified Professional Certification
LPIC Certification

