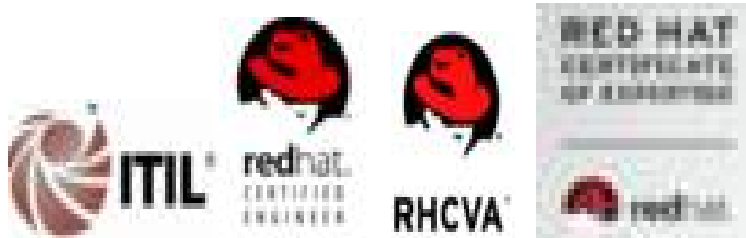


Sunil K. Verekar



Linux System Administrator

OBJECTIVE:

I am seeking System management opportunities that can offer me new experiences and growth potential. Talented & accomplished IT professional with extensive background in System Administration, Technical Training, and Support.

TARGET JOB

Job Function	: Lead Linux System Administrator
Years of Experience	: 17 Yrs 5 months
Date of availability	: 3 months
Current Employer	: IBM India Pvt. Ltd.
Current Employer Address	: 1 st Floor , G1 block Manyata Embassy Business Park Nagawara, Outer Ring Road Bangalore-, India ,Pin - 560045
Contact Number	: +91-879 296 0853/+91-897 535 4839

Summary :

- Worked professionally in the IT industry over **17** years possess extensive background in various technical areas
- Worked as a Team Lead & managed team a group of 16+ people.
- Strong technical knowledge in configuring Linux kickstart server, Mail server, Domain Name system .
- Configured High availability & Load balance of the systems through linux Cluster & Oracle RAC cluster
- Involved security Planning ,hardening & Administration of Linux Server
- SAN Administration of multiple SAN & NAS.
- Experience in network setup & maintenance. Did analysis on existing Systems & accordingly suggested for upgrade.
- Experience in setting backup policies & backup management.
- Experience in setting a Boot server for diskless clients.
- Proactive incident management, with pre-emptive response to alerts, effective communication and documentation of the same
- Experience in Virtualization setup of Vmware & Xen .
- Supervised a team of Linux Administrators, Linux Trainers & provided Knowledge Transfer.
- Knowledge of other operating systems Sun Solaris & MS-windows Enterprise Servers
- Experience on working on-site at overseas company for more than 2 years.

Working on different domains of Operating systems has enriched me comprehensive understanding the Client requirement also the business flow. With very good communication skills & zeal to learn new technologies. On an overall my technical skills are excellent and also been technically competent.

Skill Sets :

Hardware	DELL PE 6950, 2950,6850,2850 (5 years) ,HP Proliant GL(2 years) ,IBM x-series(x336,x3850,x3950 3 years) ,Sun Sparc , HP-UX (1.5 years)
Operating Systems	Red Hat Enterprise Linux 6.x(2 yrs) 5.x (3 yrs), 4.x(2 yrs),3.x(2 yrs) Oracle enterprise Linux 4.x,5.x(1 yr) , Suse Linux 9.0 (1 yr) Red Hat Linux(6.0,7.2,8.0,9.0) (5 yrs) Sun Solaris 8.0 & 9.0 (1.5 yrs), Windows 2k(6 mths)
Backup Management	Veritas Netbackup 6.3(2 yrs) & Symantec Backup exec 12.0 (2 yrs)
Storage	EMC clarion CX3-00 & CX-3-20 & AX-100 (3 yrs), Brocade Switch, Dell Equallogic(2 yrs) , Nexsan Ataboy & Atabeast(2 yrs), NAS Net Apps(1 year)
Virtualization	VMware ESX5.1(1 yr) ESX4.1,(2 yrs), VMware Esx 4.0, Esxi(1 yr) , Xen (6 mths)
Server Management	DRAC-Dell Servers,ILO-HP, IBM-RSA, IIM
Scripting	Shell Script bash (8 yrs)
Database	Oracle DB 9g & 10g (1 yr),Postgresql(1 yr)
File Systems/Cluster	Veritas Volume Manager (6 mths), Linux GFS(1yr) , Oracle OCFS2(2 yrs), Linux LVM , Linux ext4/ext3/ext2 .
Tools Used	Ethereal,Snort, Iptraf,iptables

Certification Done :

Red Hat Certificate of expertise in Server Hardening on Jan 29th 2015

Red Hat Certificate of Expertise in Cloud Storage on June 4th 2014

Red Hat Certified System Administrator in Red Hat Openstack on June 3rd 2014

RHCVA(Red Hat Certified Virtualization Administrator) on Nov 30th 2013

RHCE(Red Hat Certified Engineer) & RHCSA(Red Hat Certified System Administrator)

Certification in Red Hat Enterprise linux 6.0 Dated May 31 2011. Certificate Number: 111-930-932.

ITIL (Information Technology Infrastructure Library) V3 Certificate Number: 10315-707093. Dated 23 Feb 2011 .

➤ Additional Skills

Attended 4 days course on RH413 Red Hats Server Hardening & security at LLC Bangalore (July 2014)

Attended 4 days course on RH236 Red Hats Cloud Storage training at LLC Bangalore (May 2014)

Attended 4 days course on RH210 Red Hats Open Stack training at LLC Bangalore (April 2014)

Attended 4 days course on RH333 training at LLC Bangalore (Aug 2013)

Attended 4 days course on RH318 training at LLC Bangalore (Sep 2013)

Attended 3 days course on ITIL v3 training at Pune (Feb 2011)

Attended 5 days course VMware 4.1 training at Seed Infotech Pune .(Nov 2010)

Attended 3 days Clariion Management Course at Irvine,CA,USA .(July 2008)

Attended 6 weeks course on Oracle 10g DBA at Wilshire technologies, Hyderabad,India(2006)

Attended 5-day Crash Course for Linux Red Hat Enterprise in at **Linux Learning Centre**, Bangalore,India

Attended 5 day-seminar at Karrox technology which involved in Configuring Cisco 1700 series Routers & Cisco switches.

Shell scripting & programming in C,Visual Foxpro 5.0 ,.

EMPLOYMENT HISTORY:

➤ **IBM India Pvt. Ltd. From April 2010 till date**

Job Profile: Team Lead (Production Support - Linux):

- Presently managing Team of 16+ people Technical personnel.
- Manage & drive IBMs CMS (Cloud Managed Service) Production environment & Legacy environment.
- Mentoring subordinates & upskilling Team.
- Provide RCAs for technical issues & meet SLAs of the customers.
- Automating routine tasks thru scripting.
- Attend bi-weekly meeting with Team & understand their issues, provide solution to technical issues.
- Attend weekly meeting & provide updates to higher management regarding the RFS tickets which were Assigned to the team, provides update & resolution for priority tickets which were taken care.
- Update Shift Roaster.

Job Profile: Lead System Administrator (Activation & Deactivation, CLOUD MSD (Managed Service Delivery) Division).

- Pro-active Management of Service requests. Delivering quality, and reliability on build projects
- Patch management of Linux Servers.
- Delivering quality Change management and Incident / problem / chronic issue management processes as per ITIL standard .
- Installation RHEL 5.x on IBM x series & HP Proliant servers.
- Setting up Linux Cluster on Physical as well as on Virtual servers.
- Upgrading necessary hardware firmware before delivering OS builds to Production team.
- IBM client Security Compliance Manager & Tivoli Storage manager installation and configuration.
- Infrastructure readiness activity including SAN provisioning & backup activation of Linux Servers & virtual host , coordinating with Backup,Storage & security team.
- Designed a script to automate the LVM of linux file systems as per Build orders .
- Decommissioning of Linux Physical Servers.
- Training and mentoring subordinates.

Virtualization :

- Hands-on experience on ESX 4.1 builds, configuring Vmware servers as part of Cluster.
- Setup of RHEL 5.x guest operating system on ESX servers ,used Vcenter to manage the Virtual host creation.
- Setup of RHEL 5.x guest operating system on Xen hypervisors, managed using xmc commands
- Virtual capacity planning and provisioning.
- Patch management on ESX Servers.
- Decommissioning Virtual hosts running on Vmware & Xen hypervisors.

Job Profile: vLBF Engineer

- Deployment of virtual Linux Load Balancer & firewall for customers.
- Setting up security zones, internet/intranet zones per customer requirement.
- Setting up Nat & filter firewall rules using iptables thru change management process.
- Setting up Load balancing through Websphere on the vlbf hosts.

- **Principal Systems Engineer - OSI Consulting Pvt. Ltd.-Hyderabad** **From Sep 2009 to Mar 2010**
- **Senior Consultant - OSI Consulting Inc, Irvine, CA,USA** **From Aug 2007 to Aug 2009**
- **Senior Consultant - OSI Consulting Pvt. Ltd.-Hyderabad** **From Apr 2005 to Jul 2007**

Clients :

US based clients : Robbins brothers, Paramount Citurs, Paramount Farms, Rogers & hollands, Smarttech & Yamaha Inc.

Job Profile:

Worked as a **Team lead** & handled various implementation & production based Projects. Worked on Virtualization, OS installation , configuration & management, SAN administration . Cluster Management, Backup Management.

- Supported / deployed approx one hundred Redhat Linux Servers .
- Resolved issues within SLA's with Critical Path Sr App Support, developers, and customers
- Virtualization : Successfully implemented VMware 4.0 with oracle 10g & 2 Oracle 11i running RHEL virtual hosts.. Used Vcentre to manage the VMware server
- Setup Kickstart Server. Install servers using Kickstart. Installed customized packages required for Oracle database & Application
- Upgraded to newer kernel, did fine tuning of kernel as per requirement
- Trouble-shoot of the applications related issues.
- Configured Logrotate to maintain log files.
- Configured bonding of Network interfaces to have failover enabled
- Installed Nagios/Ground Works to centrally manage services of the servers
- Periodical hardware firmware upgrade
- Installed Dell open manager , managed systems through Dell IT Manager for DELL systems
- Worked on getting hands on support from Dell & HP for Hardware related issues
- Worked on getting hands on support from Redhat, Suse for OS related issues
- **EMC SAN Administration** :Maintained **EMC CX 3-20,3-00 & AX-100** disk array using Navishpere GUI, **Provisioned** Luns from Raid groups, Managed the read & write cache for read /write speeds.Created Storage groups & presented it on the servers .Took Snap shot copy.Also used the SnapViewfeature of EMC to have snapshot file systems presented on the guests OS.
- Brocade Switch Administration: Zoning of Servers HBAs with EMC's storage Processors
- **Equallogic SAN Administration:** Maintained Equallogic PS Series iSCSI SAN Arrays
- Worked on installing qllogic drivers for the iSCSI HBAs,upgraded Bios Firmware of qllogic cards, Modified various parameters to have optimal performance on equallogic SAN.
- Installed **GFS** (Global File System) linux systems, maintained it using gfs_tool & clustat utilities.
- Installed **OCFS2** (Oracle clustered file systems) required for Oracle's Real application cluster environment..
- Installed RDAC software to have redundancy on block devices .
- **Veritas storage foundation** :Created & re-sized file system through vx commands .
- **LVM:**Created of File systems using LVM using pvcreate,vgcreate & lvcreate commands & also managed thru lvextend & ext2online commands.
- **User Administration:**Addition, modification of Users, Managing sudoers permissions,Setting Special User permission administration thru setfacl & getfacl.
- **Shell scripting:** Wrote shell scripts/cron jobs to further automate administration and promote customer solutions.

- **Symantec Netbackup & Backupexec** : Setting up policies for Oracle Hot & Cold backup on a Windows Netbackup Server. Also policies to take network OS & file system backups & restore .
- **Database Support:** Worked on database issues with DBA team. Involved tuning kernel Parameters for Oracle 9i, installation of Oracle 10g on linux servers, created & maintained Databases. Performance tuning using various parameters available on Oracle. Exporting & importing of databases on different version of OS. Also worked partially on DB2 database for applying patches on Websphere Applications.
- Worked network issues with network team. Used tcpdump, netstat from OS side
- **Printer Management:** Adding/editing Printers on linux servers, also exporting & importing the printers through xml format.
- **SQA (Software quality Assurance) Member for ongoing CMMI process** : Provide quality assurance which involves proactive as well as reactive approaches. The purpose of quality assurance is to minimize the number of defects. Review documents developed by development team & Support team, track the compliance with standards, develop a QA plan & implement a QA plan.
- Partially involved in Administering HP Unix Servers, monitoring System Alerts using HP open view, Secure Path Administration. Managing Cluster environments using cmmdpkg command.
- Had team size of 5 System Administrator working under me. Was Motivating team in resolving the various challenges faced in technical areas. Was involved in managing Sys admin in the shifts. Was involved in interacting with Customers for the change management & implementation of projects

Overseas Project (2 ½ months)

Worked for Telekom Malaysia(Malaysian Based telecom Company).

Project : Sitelite Project Support

Sitelite is a Ticket Management system which is sold to Telekom Malaysia by Sitelite US based Company . My job was to do Knowledge Transfer of how the ticketing system works, which included on how to resolve the incident, work on change management. Was also involved in Providing Infrastructure support , do the trouble shooting of the sitelite infrastructure . Had to interact with the Lead with Sitelite - US with technical issues faced .

➤ Lead - System Administrator Phil Systems Ltd. –Tivim, Goa From Jan 1999 to March 2005

The main job responsibilities included administering and Managing Linux Servers & configuring below services:

- **SMTP Service** Configured Sendmail to for SMTP services, Usage of Virtusertable, genericstable for routing mails to deliver to local user. Written scripts for automatic downloading the mails using fetchmail & distributing among the users using procmail scripts
- **HTTPD service:** Installed & configured Apache Package .Configured. Virtual host, written Re-write Rules for redirection of URLs.
- **Proxy Service:** Installed Squid proxy service, allowed caching of web related files for easy access to the users then configured to allow & deny certain clients to access internet based on the ip address and the Mac address.
- **NFS Service** : Installed & configured Network File Sharing,
- **FTP Service:** Ftp Service installed using vsftp(very Secure ftp).
- **Samba Service:** Configured this service which helps to export the Linux File System to be displayed on the Windows Network.
- **DNS:** Configured Domain Name System which resolves hostnames into IP addresses and resolves IP addresses into hostnames, used zones, SOA.
- **NIS:** Configured NIS directory Service .
- **Remote Boot Server** : Bootpd server installed on the server side, this server gives the ip address for diskless workstation after diskless clients sends the MAC address to the server The initial Boot rom image is stored on the EPROM or on the floppy disk. The workstation uses NFS file system of the remote Server & then boots as a normal Linux machine.

- **Firewall :** Configured this Service by using ipchains or iptables. Set up Rules using Forward, Output, Input Chains ,Prerouting and Postrouting. Defined the security policy using firewall. Configured Tcp-wrapper service to allow and disallow certain services to be executed certain Networks.
- Installed Windows 2000 Servers configured & maintained it.
- Installed MS-SQL database server and allowed clients using DSN to connect the database running on the server. Installed DNS & IIS server on Win 2K servers.
- Kernel Compiling with latest available kernel Installation fine tuning to support additional services
- Backup & restore of Important Data on DAT-drive.
- Checking Local and Internet Usage & Traffic
- Writing Shell Scripts using awk,sed,cut for routine jobs & scheduling it using cron
- Solving End-user problems which includes application programs.
- Directed expansion and maintenance of Network supporting over 150 Computers.
- Configured a small server to use as PXE server.
- Installed Mailscanner utility on Linux Server to determining viruses file attachment using the their extension.
- Remotely administered multiple Linux and windows servers.
- Configured and installed Printers on LAN
- Had team size of 2 System Administrator working under me

Networking:

- Managed Proper working of LAN network and maintaining Ethernet Switch such as Dlink DES - 1016D, Intel Switch, 3-COM Super stack switch.
- Handling 64k And 9.6 K WAN lease lines which are mainly
- Configured and maintained Routers such as Intel Express 9350 / 8210, Dlink Router DI-540. Configured.
- Maintained Cisco 2610 Router primarily used for to connect Internet Lease Line.
- Configured and Maintained Dlink fast switching system such as DES - 5200 with Fiber Modules.
- Configured and Maintained ISDN interface
- Responsible for research, Upgrading, and configuration of all new network

Project:

- Involved in designing of software application called Accountmate designed in Visual Foxpro 5.0 and is being used presently all Area offices in India .This is primarily used for data entry for daily business transactions like sales,purchase,inventory control & also for Financial related things like Bank Receipts,Journal Voucher Cash Payment Vouchers. The data which is punched is send to Head Office in Text format for Importing the same Head Office System. Also involved in group team for for design of programs to import the data of Area offices Data into Head office System .
- Involved in installing Dedicated Web Server which will be provided by Reliance Infocomm having their IDC at Navi Mumbai. The Server Configuartion is with Xeon Processor having 6x146G HDD on Raid V .This involved installing of Win 2K Advance Server,IIS service,Pear Library,ASPJPEG. I was also involved in remotely Administrating this server. The Server was been hosted in September 2004 .

➤ **Junior Officer-System Administrator PHIL CORPORATION LTD. From Sep 1997 Dec 1998**

Was responsible for Managing the HP 9000 Unix Servers and Linux Systems which included

- Disk usage administering & monitoring
- Processor utilisation monitoring
- NFS Administration
- Automount Configuration.
- User id maintenance

- Job Scheduling for specific requirements
- Automating routine tasks through shell scripts
- Backup & restore of Important data .
- Installed Oracle 8i on HP10.2 Server .

PERSONAL INFORMATION:

Name : Sunil K. Verekar

Gender : Male

Date of birth : 6th September 1976

Marital Status : Married

Residence Address : RH-23
Kurtarkarkar's Joaquim Maria Symphony
Ambajim, Margao-Goa, India
Pin: 403 602

Email Address : sverekar@gmail.com,
sunil_verekar@yahoo.com

ACADEMIC QUALIFICATION :

Examination	Year of Passing	Board/University	Grade
Secondary	April 1992	Goa Board	First
Higher Secondary	April 1994	Goa Board	Second
BSc (computer Science)	April 1997	Goa University	First

Hobbies : Playing Badminton, Reading Magazines and Newspapers .