**Sri Vellanki**

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**913-777-4899**

***Unix/Linux Systems Administrator***

**Summary:**

* 8+ Years of experience in heterogeneous and complex IT environments.
* Expertise in Unix, **Red Hat Linux Enterprise 4,5,6, CentOS, SUSE 9, 10, 11, Solaris 8, 9, 10**, Networking, Programming(Shell and Perl scripting), Databases, Software,  and Hardware.
* Experience includes installation, configuration and maintenance of Applications on Solaris, Red Hat Enterprise Linux, different flavors of UNIX and all versions of Windows.
* Experience with **Linux Kick Start and Solaris Jumpstart installation** methods.
* Worked on designing and implementation of Datacenter migrations
* Installing, Configuring and Maintaining **DNS, NIS, NFS** and **Auto FS.**
* Hands on experience in administration and maintenance of application services like **Mail, HTTP, Apache Tomcat, Squid**, **DHCP, SMTP, FTP.**
* Experience supporting**Veritas Cluster 4/5 and Redhat Cluster running on Linux and Solaris servers** to support high availability **for Oracle DB servers.**
* Experience working with SAN & NAS environment's like EMC Clariion and NetApp filers.
* Experience installing and managing multipathing software's like EMC Power path and Native multipathing device mapper and MPXIO on Linux, Solaris and AIX.
* Worked with OS Virtualization using VMWare ESX 3/4/5 and Solaris 10 OS.
* Created Linux and Windows VM's on VMWare ESX environment.
* Experience working with VMWare tools like vCenter&vSphere to manage VM's running on ESX cluster nodes and also experience working vMotion.
* Worked with Potocols like **NIS, NFS, Samba,** and **TCP/IP** on Linux server environment and LDAP client-server model to retrieve and manipulate data.
* Exposure to VERITAS**NetBackup** and disaster recovery planning.
* Implemented RAID levels **Raid 0, Raid 1, and Raid 5** for Disk management thro **LVM / VERITAS Volume Management**. Upgrading normal file systems to RAID levels for growing size/redundancy requirements. Replacing bad drives. Recovery of data from crashed Volumes and disk groups
* Worked with Backup Team to Configure the Master and Client Backup servers Using Veritas Net Backup and Recovery from tapes using ufsdump, ufsrestore, and tar and cpio file system administration.
* Familiarity with a multitude of OSS tools and utilities for managing, monitoring and troubleshooting Linux infrastructure and networks
* Troubleshooting various problems when working with **VxVM** in initializing, replacing, mirroring, and removing disk devices.
* Performed Consistent OS, APP Backup and Recovery Operations on Solaris servers and Linux, Windows Servers.
* Implemented and enhanced scripts using Korn, C shell, Bash and Perl Scripting and experienced in scheduling jobs using **Crontab**and**At.**
* Worked with Solaris Packages and Patches, Red Hat Package Manager **(RPM) and YUM**.
* Experienced on Installations, Configurations and Managing of Solaris **Zones and LDoms.**
* Experienced in Service Management Facility **(SMF)**
* Familiarity with various monitoring tools for monitoring large scale enterprise networks.
* Experienced in documenting various maintenance activities and upgrades and changes in the network architecture.
* **RDBMS** installation and support including **Oracle 8i/9i/10g, DB2 UDB 7/8 SQL Server.**
* Experience in providing day-to-day user administration like adding/deleting users and managing user's queries.
* Experience of working in Data centers with 24X7 Production and On-Call Environments.
* Excellent ability to handle significant workload with experience in managing multiple projects concurrently in a fast pace environment.
* Knowledge of SAN architectures and **FC/ iSCSI** protocols.
* Experience with Datacenter Migrations, Server upgrades, O/S and firmware patching.
* Experience in troubleshooting and diagnostic skills and providing support to Operations personnel.
* Experience with cyber security, server hardening and **DMZ deployment.**
* Knowledge cloud computing .

**Technical Skills:**

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| --- | --- |
| **Operating Systems** | Sun Solaris 8/9/10/, Linux (RedHat, Suse), IBM AIX6.1 5.3, 5.2, 5.1, HP-UX 11.0, Windows NT 4.0, Windows Vista/XP/2000/98. |
| **Sun Fire Servers** | E25k,E15k,12k, E280R, E480R, V240,420R, V440, V480, V490, V880,V890 and 4800 |
| **Software** | Veritas File System, Veritas storage foundation suite, Solaris Volume Manager, VeritasNetbackup, MS Office Suite, VMware, Tivoli |
| **Languages** | C, C++, Python, SQL, PL/SQL, Shell Programming, Perl, HTML, Javascript, J2EE. |
| **Networking** | NIS, NFS, NDM, DNS, ALE, DHCP, Telnet, TCP/IP, SMTP, FTP,AS2,AS3,TFTP, UDP and SSH, Cisco |
| **Tape Libraries** | Sun StorEdge L20/L40/L60, L180 and Storagetek's 9840 A/B/C Fibrechannel |
| **Backup** | VeritasNetbackup 4.5,  Solstice DiskSuite 4.1/4.2, MsBackup, Ufsdump, Ufsrestore, Sysback v4.2, ACSLS |
| **Databases** | MS Access, Oracle 9i, 10g, 11g, MySQL, DB2/UDB, Sybase. |
| **Application Servers and Web Servers** | WebLogic 8.1/ 10, WebSphere Application Server 5.0/6.0, LDAP Server, JBoss, Apache Tomcat 6.x, Resin, IPlanet and IIS 3.0/4.0 |
| **Storage** | Sun Cluster 3.2, VERITAS Netback up 6.0, VERITAS Storage Foundation Suite, Solaris Volume Manager 5/4.1/4.0/3.5, Veritas Clusters |

**Professional Experience:**

***Atos, Irving TX          Apr 2013 – Present***

***Unix/Linux Systems Administrator***

**Responsibilities:**

* UNIX/LINUX System and Network administration in **Sun Solaris (9/10,11), HP-UX (10.x,11.xLinux (RedHat 3/4/5 & SUSE 9/10/11)** including design, engineering and building servers as per requirement.
* Storage Provisioning, Volume and File system Management using LVM, VERITAS Volume Manager and VERITASFile system (Veritas Storage Foundation), Configuring ZFS file systems.
* Experience supporting Java applications like Web logic and JBoss running on Redhat Linux and Solaris.
* Clustering solutions for High Availability using tools such as **VERITAS Cluster Server (VCS), MSCS, RHCS**
* Configuring and maintaining virtual server environment using **VMWARE ESX, VCenterVSphere, and Solaris 10 Zones.**
* Installation and Configuration **of Sun Enterprise Servers, HP and IBM Blade Servers, HP 9000, RS 6000, IBM pSeries**
* Configured Enterprise **UNIX/LINUX** systems in heterogenous environment (Linux (Redhat&SUSE), Solaris, HP-UX) with SAN/NAS infrastructure across multiple sites on mission business critical systems
* Setup, Implementation, Configuration, documentation of Backup/Restore  solutions for Disaster/Business Recovery  of clients using **OMNIBACK on UNIX and SUSE &Redhat Linux platform.**
* Involved in supporting different **HW** ranging from Rack to Blade and also supported **Vblock HW to run ESX environment.**
* Performed quarterly patching of **Linux, AIX, Solaris and HPUX servers** on regular schedule. Involved in  up Network/SAN based ignite images for **HPUX PA RISC** and integrity servers
* Good knowledge of **RAID** groups and setting up **NFS,CIFS and iSCSI protocols in SAN/NAS environment on  HPUX 11.23/11.31  and Red hat LINUX.**
* Experience installing and managing different automation and monitoring tools on **Redhat Linux like Nagios, Splunk and Puppet.**
* Implementation of **oracle RAC 10g on HPUX blades** and Itanium servers with **Redhatlinux RHEL 4.0/5.0** along with SAN storage on EVAs. Also implemented and support HPUX Service guard on Linux servers
* Involved and set up migration for **UNIX/Linux server** and SAN storage between data centers and also application migration and testing.  This included SAN/Application migration and testing various functionalities of key applications
* Installing, setup of proliant blade BL,DL series with fiber channel connectivity, Cisco GESM interconnect switch, configuring the connectivity, setting up JBOSS cluster, setting up oracle 10g cluster, configuring load-balancing on apache, on **Redhat Linux 4.0/5.0**  Setting up **NIS/NFS** on RedHat servers.
* Setting up JBoss cluster and configuring apache with JBoss on RetHat Linux. Proxy serving with Apache. Troubleshooting Apache with JBoss and Mod\_jk troubleshootingfor the clients
* Setting up the lab environment with Tomcat/Apache, configuring the setup with F5 virtual load balancer for customer application.

**Environment:** Solaris 10,9, Linux Redhat4.x/Suse, AIX 5.1, 5.2,5.3,Windows 2003, Sun Jet, Sunfire 880,480R, 280R, 240/210,Enterprise 4500/5500,6000,450,250 HP Service Guard, JumpStart, Veritas Storage Solution 4.1, MQ 5.1, EMC SAN, Cisco IOS, Veritas Volume manager 4.1, Weblogic 8.1, Jboss, Netbackup, Apache, BigIP, VMware, WebSphere 5.0/5.1, Oracle 10g, Oracle RAC Cluster, Willy, MySql, Solstice Disk suite 4.1, E10k, Tivoli,

***Spiralinks   Inc, Campbell, CA              Jan 2012 – Mar 2013***

***Linux Administrator***

**Responsibilities:**

* Providing on line support for  700+ Linux servers in a Data Center Production Environment
* Installing & Troubleshooting DMZ build servers for internal & external clients
* Installed, configured and maintained VMs on VMware environment for different applications.
* Involved in large data center migration – planning, designing, moving servers to new data center, coordinating & troubleshooting issues with various data center, network, application and storage teams
* Maintenances and Troubling shooting of Linux Servers
* Planning, installing and configuration of operating system on new HP Servers.
* Backup and Restore using Commvault
* Used TCP/IP protocols for network configurations
* Involved in patch management, updates, monitoring, and maintenance using RHN via simple user interface Satellite or Proxy server.
* Adding/expanding new storage to existing/new systems using LVM, Veritas Volume management VXVM and Vxfs on Linux/SUN servers
* Used Oracle RAC (Real Application Cluster) to create multinode for oracle databases
* Worked mainly on RHEL 4/5/6 servers supporting all the OS administration, application and hardware issues.
* Used Centrify tool for authentication purposes.
* Building Linux servers by using VMware ESXi 5.0.
* Troubleshooting of tomcat/web logic/Java application issues.
* Installed various software's like CommVault, BMC, Veritas products while building up of new servers
* Installing, Configuring and troubleshooting of unix printers.
* Provisioning servers for Oracle & Sybase databases.
* Used Veritas Cluster Server (VCS) and Veritas Storage Foundation to provide high availability and storage management. Responded to unplanned system failovers within a production VCS environment
* Installed and configured Emulex and Q Logic HBA CLI, Power Path on Linux servers
* Used Kickstart for automatic Linux installs, software distribution, and production deployment.
* Interact with users from Application teams and fill their needs (Install, Upgrade and Troubleshoot)
* Supporting critical applications and proprietary development environments.
* Planning, documenting and supporting high availability, data replication, business persistence, fail-over, fail-back using Veritas Cluster Server in SAN environment.
* Performed user administration & maintained centralized sudoers file replicating to manage servers.
* Creating and managing shared disk groups in clustering environment.
* Troubleshooting network, application, and server related issues.
* Maintaining Remedy environments used for the ticketing system.

**Environment:** RHEL 4/5/6, VMware, Solaris 8/9/10, VCS 5.0, Veritas Volume Manager, ESXi 5

**Hardware:** HP DL380/580/980/360p G8, HP/IBM Blades, M9000, t5 series, x4150, EMC Symmetrix DMX 2000/3000/4000, NS960, VMAX.

***Jones International University, Centennial, CO                                                               Sep 2010 –Dec 2011***

***Role: Linux Administrator/Network Administrator***

**Responsibilities:**

* Support Level1, Level 2 and Level 3 calls for users worldwide.
* Configure IBM RS/6000 for production, staging and test environments.
* Define standards for installation and support for RS/6000 platform.
* Administration of **RHEL, Sun Solaris** application and database servers.
* Configured and worked on **Cisco 2600 and 2800 Series routers**
* Configured and worked on **Cisco 2960, 3550 Series Catalyst Switches**
* Configured **VLANs along with Access list** and performing/restoring backup on **TFTP Server**
* Data Centers support contains 500 + servers.
* Installation and configuration of **Veritas Storage Foundation Suite, Volume Manager, Cluster Servers**&**Veritas File systems (Vxfs)**.
* **Omni** Backup, **Netbackup** and **TSM** Backup for backup administration.
* Installation of **SSH** and configuration of keys bases authentication.
* Integrating **UNIXfile systems** using packages like **SAMBA**. Setting up printers on **UNIX / NT** machines to work seamlessly across platforms.
* Network trouble shooting using '**ndd', 'traceroute', 'netstat'**, '**ifconfig'** and **'snoop'** etc
* Administration of **NFS, NIS, DNS, Samba** and **Sendmail** servers.
* Provided 24X7 support for large number Production, Development and Test systems.
* coordinating with Sun Support engineers to resolve high priority issues.
* Setup, maintain and management of user accounts and groups according to the security needs and adding the packages and patches when needed.
* Intiating Backups on daily basis and monitoring the scheduled backups.
* Worked on VMWare ESX 4.1

**Environment:** RHEL,4.5, 5.0, Solaris 8 and 9, AIX, Sun Fire 15K, Sun Fire 6800, 4800, V880, V420R, E220R, E450, Veritas Foundation Suite, Veritas Volume Manager, Tivoli Storage Manager 5.x, Veritas Cluster Servers, Veritas Net backup, Web Sphere, Cisco routers, switches 2600,2800,2960,3550.

***Client: GATX, Chicago, IL                                                                         June 2009 – Aug 2010***

***Role:  AIX Administrator***

**Responsibilities:**

* Created users, manage user permissions, maintain User & File System quota.
* Administration, including backup/recovery in **NAS** environments.
* Migrating   **AIX** OS from 4.3.3 to 5.1 and 5.1 to 5.2, 5.3 on **pSeries, RS/6000** Servers.
* Installation, Administration and configuration of **LPAR’s** with **AIX 5L** on **p5** servers
* Installation, configuration and administration of IBM Web Sphere Application Server V4.0, on **AIX** along with DB2 UDB & IBM HTTP server with SSL for secure communication & providing technical support to users
* Setup network printers and installed client/server applications. Define/setup network protocols, Network File Services **(NFS**), and Network Information Services **(NIS).**
* Network management of **TCP/IP networks**, **IP** address management.
* Performing upgrades of OS and applications.
* **Korn& C shell** scripting, mainly for scheduling jobs  **(CRONTAB)**
* Tested products for evaluation purposes and documented for necessary changes required as per environment.
* Performed daily backups, restoration of data as per requests from developers.
* Configured **SSH** for secure telnet and **FTP** connections.
* Provided support by **24x7** shift rotation basis and pager support.
* Performed User Account management, data backups, and users’ logon support.
* Diagnosed hardware and software problems and provided solution to them.
* Attended team meetings, change control meetings to update installation progress, and for upcoming changes in environment.
* Updated data in inventory management package for Software and Hardware products.
* Capacity Planning, Infrastructure design and ordering systems.

**Environment**: Solaris 2.8, Redhat Linux 3 FreeBSD, JumpStart, Automount, Samba, Apache, Tomcat, NIS/NFS, DNS, FTP, Solaris V240/440

***Bankers System St.Cloud, MN                                                 Apr 2007 - May' 2009***

***UNIX System Administrator***

**Responsibilities:**

* Installation, Configuration & Upgrade of operating systems **Solaris /9, AIX, HP-UX and Redhat Linux**.
* Used fsck and fsdb on file systems successfully when critical data got corrupted. Made use of alternate superblocks to replace corrupted superblock.
* Used commands for creating new users, groups, user passwords, changing passwords, managing user accounts and locking users, Monitored System processes & system status; identifying system bottlenecks.
* Joined multiple disks to overcome disk size limitations, mirrored data for fault tolerance. Spread data over multiple disks for performance enhancement.
* Responsible for Day-to-Day Backup and Recovery using tar. Disk and File system management through Veritas Volume Manager & Solstice Disk Suite on Solaris and logical volume manager for Linux.
* Installed and maintained the machines with the updated Patches and necessary client software packages, **pkgadd, pkginfo, pkgrm, patchadd, showrev –p, patchadd –p.**
* Configuring systems with Veritas Volume Manager, Veritas File System using **Vxdiskadm utility, Vxassist.**
* Troubleshooting and fixing the issues at **User level, System level and Network level** by using various tools and utilities. Schedule backup jobs by implementing **cron job** schedule during non business hours
* Configured **Domain Name System (DNS**) for hostname to IP resolution .
* Post installation configuration such as **ssh, netgroups, ntp, timezone patch.**
* Managed Systems and Network related issues like Installation, Configuration and Troubleshooting on UNIX and Solaris platform
* Using MsBackup, Veritas Volume Manager for Backup and Restore from SCSI Hard Drives on CLARiiON CX200 and Tape Drives using various policies like daily, incremental and differential backup

**Environment:** Solaris 2.8, Redhat Linux 3, Jumpstart, Automount, Samba, Apache, Tomcat, Netscape Planet Web Server, Java/Shell/Perl programming, Solstice Disk Suite, AS2, NIS/NFS, NDM, DNS, FTP, Win NT and 2000 Server, Solaris V240/440 hardware, Vignette.

***Ashok Leyland, Bangalore, India                                                                                  June 2005 –March 2007***

***Linux Administrator***

**Responsibilities:**

* Providing 24 X 7 on call support (locally and remotely) for around 500+ sun servers in a Data Center Production Environment
* Programming in Oracle SQL, PL/SQL
* Red hat Linux Kick start Installation – Sun Solaris Jump start Installation
* Creating and Administering Volume Manager Objects.
* Configure, support and perform routine maintenance of hardware and software for Solaris servers.
* Configuring DNS, DHCP, NIS, NFS in Sun Solaris 8/9 & other Network Services
* Installing new Sun Hardware – performing diag test and sunvts test before releasing the servers in to production.
* Involved in administration of Content Management systems
* Used SOA application for troubleshooting issues with large databases.
* Configuring backups on STORAGE TEK L700 by using Legato Networker web based tool
* Monitored server and application performance & tuning via various stat commands (vmstat, prstat, prtconf, prtdiag, iostat, etc) and tuned I/O, memory etc.
* Install and monitor Java/J2EE applications
* Supporting on all Network, Hardware & Software issues with proper problem solving techniques
* Installing, Configuring Solstice Disk suite 4.2.1 & VERITAS Volume Manger
* Configured NFS Servers, NIS Servers/Clients, Auto clients and auto mounted the file systems using direct and indirect maps. Also setup entries in /etc/dfs/dfstab in Solaris share file systems and mounted the disks onto the client systems
* Migration of Apache webserver applications from Solaris to Linux boxes
* Involved in configuration and troubleshooting problems related to tomcat web server
* Installing and configuring of Veritas Cluster HA for NFS
* Compilation and configuration of Linux kernel.
* Incident Management and Change Management
* Switching the service groups from one node to another
* Creating NFS service groups and failover of NFS from one node to another
* Creating disk groups, volumes for Sybase and oracle databases by using VERITAS volume manager
* Company standards - Follow all the company prescribed global standards and procedures like security, access control, support and change control
* Configuring the GAB and LLT and establishing communication channels.
* Providing 24 x 7 support to various application level, server level & network level Monitoring & troubleshooting of any datacenter outages
* Used Veritas Cluster Server (VCS) and Veritas Storage Foundation to provide high availability and storage management thus moving data across different operating systems and storage arrays
* Managing disk space and system resources
* Document, Troubleshooting, performance analysis, and issue escalation with vendor
* Regular participation in the on-call service and participation in planned weekend work for the implementation of changes
* Day–to-day administration on Sun Solaris which includes Installation, upgrade & loading patches & packages

**Environment:** Solaris 8/9, Red Hat Linux ES 3.0/4.1, RHEL 3/4, VMware 3.0

**Hardware:** M4000/5000, Fujitsu prime power t250/t450, HP DL 380/580; EMC Clariion CX series.