**Miskeen**

**PROFESSIONAL SUMMARY**

* Over 7 years of experience specialized in System Administration working on **Red hat Linux, Solaris, SUSE Linux,** and **Windows** environments.
* Experience in administering Solaris & Linux. Experience in **Installation, Configuration, Backup, Recovery, Maintenance, Support of Sun Solaris & Linux**.
* Experience in Installing, upgrading and configuring **Red Hat Linux 3.x, 4.x, 5.x6.x** using Kick start Servers and Interactive Installation.
* Experience in Installing, upgrading and configuring **SUN Solaris 8, 9** and **10** on Sun Servers using Jumpstart Servers, Flash Archives and Interactive Installation.
* Worked with Database administrators to **tune kernel** for **Oracle** installations.
* Experience with **VERITAS Volume Manager (VxVM), VERITAS File System (VxFS), VERITAS Net Backup, VERITAS Clustering** with SAN, NAS environment.
* Experience in installing, configuring and implementing the **RAID** technologies using various tools like **VxVM** and **Solaris volume manager.**
* Experience in Creation and managing user accounts, security, rights, disk space and process monitoring in Solaris and Red hat Linux.
* Installation and up gradation of **Packages** and **Patches** configuration mgmt., version control, service pack. & reviewing connectivity issue regarding security problem.
* Experience in configuration of NIS**, NIS+, DNS, DHCP, NFS, LDAP, SAMBA, send mail, ftp, remote access, security management and Security** trouble shooting skills.
* Experience on Webservers such as **planet Webserver 6.0 /Sun one web server 6.3, 6.5, Tomcat 3.x,4.x,5.x & Apache Server 1.x, 2.x** and integrating them with **Web logic 10.x servers**.
* Experience in administering **VMware Infrastructure Client 3.5** and **Vsphere 4.0, 5.0, Xen, KVM.**
* Expertise in scripting for automation, and monitoring using **Python scripts.**
* Experience in Installing Firmware Upgrades, kernel patches, systems configuration, performance tuning on Unix/Linux systems.
* Experience in **Sun Solaris 10**(**Ldoms**, Creation of **Zones**, Service Management Facilities, **Virtualization**, **Container** based).
* Creating Linux Virtual Machines using VMware Virtual Center
* **Experience in On-site data center support** in one of the huge data center of Bank for both hardware and software.
* Experience on **Blade logic automation** tool used to upgrade operating system and Provisioning for newly build servers.
* Install and maintain TNG Unicenter large number UNIX and windows enterprise systems.
* Independent problem solving and a good team player with strong interpersonal and communication skills.
* Experience supporting **24x7 production** computing environments. Experience providing **on-call and weekend support**.
* Ability to work **independently** as well as a team member.

**EDUCATION:**

Bachelor of Engineering, Andhra University, Visakhapatnam, India

**TECHNICAL SKILLS:**

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| **Operating Systems** | Red Hat Linux (4.X, 5.X. 6.X) , Windows 2003/XP/2000 |
| **Hardware** | Sun Ultra Enterprise Servers (E3500, E4500, E450, E420R, E250, Sun Fire (6800/4800/3800/v880/v480/v210/v440/280R/15K/25K), Sun Workstations (Ultra 5, 10,20, Blade 100,150,2000), IBM X-series and P-series, IBM RS6000, Sun Storage Array D1000,A5000. HP Proliant |
| **Software** | VERITAS File System, VERITAS Volume Manager, Solaris Volume |
| **Tape Hardware** | Storage tek tape libraries L40, L80, L180, L700, Sl500, Sl850, DAT & DLT, STK 9940B, 9840B, LTOs |
| **Cluster** | VERITAS Cluster Server, Red Hat Cluster Server |
| **Web/Application Server** | Tomcat, Apache. |
| **Scripting Languages** | Python |
| **Database** | Oracle, DB2/UDB, AS/400, Sybase |
| **Languages** | Perl, Shell Scripting |
| **ERP** | PeopleSoft, Siebel |

**PROFESSIONAL EXPERIENCE:**

**Marvell Semiconductors Inc., Santa Clara, CA Jan 2014 – Till Date**

**UNIX/Linux Admin and Support**

**Responsibilities**

* Installing and configuring **SUN Solaris 10** on Sun Servers using jumpstart **and Red Hat Linux ES 5.x** using kick start installation.
* Use **Blade logic Configuration Manager** to upgrade Solaris and Linux operating Systems as well as update firmware, HBA, EMCpower and Banktools through Bladelogic.
* Written **NSH** script in Bladelogic to create **Falr image** and **Tar file** backups for Solaris and Linux Servers.
* Use **Bladelogic** Provisioning Manager to **build** new Solaris and Linux Servers.
* Performed **patching** and **OS upgrades** (rebuilds) and associate **hardware break/fix**, triage and software Installations related to the patching and OS upgrade activities.
* Provisioned and build CHP (compute host platform) Red hat Linux 6.1 virtual machines, these servers based cloud computing.
* Installed and configured Solaris 10 servers with Zones and containers on SUN M5000 and T2000 Servers
* Provided day to day **build support** in an environment consisting of thousands of Solaris, Linux servers for a **24x7** demanding trading division with emphasis on responsiveness and project ownership.
* Provided rotational on call responsibilities to support issues that arises as the result of **patching, upgrades** or server rebuilds performed by the team.
* Work with Engineering groups, Web Commerce Group, to plan, design, scope and implement development projects on pre-production as well as production systems.
* Responsible for **automation** of key Unix Systems administration tasks such as **User admin, scripting**, setting up connectivity, backup and automation scripting and keeping system documentation up to date.
* Installed and upgrade **HBA Drivers**, Firmware, **Power Path** and SAN Agents like NAVIAGENT, NAVICLI and NAVISCLI for EMC SAN storage.
* Installed Hadoop on Red hat Cluster servers.
* Setup Hadoop Distributed File System (HDFS) for high-throughput access to application data.
* Worked on weekly **decommission process** on enterprise wide servers in based on request from customers, take all necessary **due diligence** before shutting the servers.
* Worked and performed data-center operations including rack mounting, cabling.
* Communication with customers, data center personals and Vendors on decommissioned based servers.
* Attended **team meetings**, change control meetings to update **installation progress**, and for upcoming change in environment.
* **Documented** installation procedures, changes required in present environment and Provide server remediation to ensure all vulnerabilities have been addressed.

**Environment: Red-Hat Linux Enterprise servers (HP ProLiant DL 585, BL 465/485,ML Series All IBM X-series), SAN(Netapp), VERITAS Cluster Server 5.0, Windows 2003/2008 server, Shell programming,VMware Virtual Client 3.5, VMware Infrastructure 5 and 6.**

**Questivity. Inc, Santa Clara, CA Sep 2012 – Dec 2013**

**Linux/Unix Administrator**

**Responsibilities**

* Administration of **RHEL4.x, 5.x** which includes installation, testing, tuning, upgrading and loading patches, troubleshooting both physical and virtual server issues.
* Creating, cloning Linux Virtual Machines, templates using **VMware Virtual Client 3.5** and migrating servers between ESX hosts, Xen servers.
* Installing Red Hat Linux using **kicks tart** and applying security polices for hardening the server based on the company policies.
* Installed, manually configured Sun machines through **jumpstart** installation on S**un Fire and Enterprise servers**. Installed**.**
* Build LPAR system and Installed **AIX** 5.3 and 6.1 on **LPAR** using **NIM** Power 4, Power 5 systems and Upgraded Maintenance level as well.
* Installed and verified that all **Linux** patches or updates are applied to the servers.
* Configured **HACMP 4.5** to monitor, detect and react to failure events, allowing the system to stay available during random, unexpected software problems and also configured to react to hundreds of system events.
* Installing, administering Redhat using **Xen, KVM** based hypervisors.
* **RPM** and **YUM** package installations, patch and other server management.
* Managing systems routine backup, scheduling jobs like disabling and enabling cron jobs, enabling system logging, network logging of servers for maintenance, performance tuning, testing.
* Worked and performed data-center operations including rack mounting, cabling.
* Set up user and group login ID's, printing parameters, network configuration, password, resolving permissions issues, user and group quota.
* Configuring multipath, adding **SAN** and creating physical volumes, volume groups, logical volumes.
* Installing and configuring **Apache** and supporting them on Linux production servers.
* Troubleshooting Linux network, security related issues, capturing packets using tools such as **IPtables**, firewall, TCP wrappers, NMAP.
* Preparing servers for **Oracle RAC** installation which includes tuning the kernel, agent installation, adding NAS storage.
* Worked on resolving production issues and documenting Root Cause Analysis and updating the tickets using **BMC Remedy.**
* Designing Firewall rules for new servers to enable communication with application, Oracle 10g servers.
* Monitored server and application performance & tuning via various stat commands (**vmstat, nfsstat, iostat** etc) and tuned I/O, memory, etc.
* Installation and configuration of **VxVM 5.0** and creating disk groups, volumes, increasing volumes.
* Coordinated with the Storage, Network and Hardware teams on server provisions (**HP Proliant** DL385/585 **G5, G6** servers, **and HP BL465CG5** blade centers).
* Experienced in Troubleshooting critical hardware and software issues and other **day-to-day** user trouble tickets.
* Developed automated processes that run daily to check disk usage and perform cleanup of file systems on **UNIX** environments using shell scripting and **CRON**.
* Supporting **24x7 production** computing environments and providing **on-call and weekend support**.

**Environment: Red-Hat Linux Enterprise servers (HP ProLiant DL 585, BL 465/485,ML Series), Solaris 8,9,10, AIX 5.3, 6.1, SAN(Netapp), Blade Logic, VERITAS Cluster Server 5.0, Windows 2003 server, Shell programming, Jboss 4.2 ,VMware Virtual Client 3.5, VMware Infrastructure 3.5.**

**Multiscope Infotech.Inc , Burlingame, CA Jul 2010 –Aug 2012**

**UNIX Administrator/Application Support**

**Responsibilities**

* Configured kickstart server and updating/applying patches to the servers using **Redhat Satellite server**.
* Plan, design, Implementing, Installation and configuration Operating System Installation and upgrade on **Red Hat Linux 4,5 & HP-Dl585, DELL DRAC and VMware.**
* Configured **Kick Start Server** and build severs using kick-start server.
* Build Yum repository Server for Development team to upload packages.
* Written **UNIX Shell scripts** for monitoring & clean up old files.
* Creating and deleting and managing **user accounts and managing user quotas** on the Network.
* Installed Web logic created domains and managed severs in Web logic ATG environment for Verizon Applications.
* Configuring **DNS, DHCP, NIS, NFS** in **Red Hat Linux 5.0** & other Network Services, **Linux kernel**, memory upgrades and swaps area.
* Installed LDAP server and configured it to **Centreon & Nagios** monitoring tool.
* Administration/Configuration of Print Servers/Clients in the Network, planning, configuration and maintenance of connectivity for servers as well **TCP/IP** configuration.
* Network trouble-shooting using ‘ndd’, 'traceroute', 'netstat', 'ifconfig' and 'snoop'.
* Experience in **Python** shell scripts to automate cron jobs and system maintenance. Scheduled cron jobs for job automation.
* Involved in Implementation of **Oracle RAC** and **ORACLE ASM.**
* Administration and Troubleshooting Redhat servers running business critical application
* Configuring and creation new domain, start and stop **web logic server**.
* Production support of **Apache**, **Apache HTTPD, Tomcat** including installation, configuration, management and troubleshooting.
* Configure and maintain Windows 2000 Server that runs **DNS**, **DHCP** and **active directory** services.
* Formatted **raw disks**& partitioned them using the fdisk utility. Created file system using newfs and mounted it.
* Configuring of nodes, Virtual IP, Private and Public network for **Oracle RAC**.
* Utilized **Linux Terminal Server** for removing fat client management, save on administration Provide users with a more reliable & secure environment.
* **Disk** and **File system management** through **VERITAS Volume Manager**&**Solstice Disk Suite** on Solaris, **Logical Volume Manager** in HP-UX.
* Implementation of numerous **VMware ESX** virtual machines (**2.5.x and 3.0**).
* Experience in creating **Groups**, **Resources**, Setting the resource properties and making Resource Online on **MS Cluster Service**.
* Worked in configuring and setup connectivity between **web servers**, database servers and directory servers as a process server administrator.

**Environment: Solaris 8,9,10, Red Hat Linux AS/EL 4.0, AIX 5.2, 5.3, Sun E10k, E25K, E4500, Sun Fire V440/880, DMX 3 & DMX4, Site minder, SonicMQ 7.0, VxFS 4.1, VxVM 4.1, SVM.**

**Sutherland Global Services, Chennai, India Feb 2008 – Jun 2010**

**UNIX Administrator**

**Responsibilities**

* Installed RHEL 3.0/4.0 using **kicks tart** and custom building the servers per SOW.
* Installed/configured **EMC** Storage with **0, 1& 5 RAID** configurations.
* Installed and maintained Security issues.
* Installed VERITAS Volume Manager, **VCS** Cluster Server for failover and for mirroring and raid level configurations on EMC storage frames.
* Supported back office systems environments.
* Testing and **upgrading** production, development and test Linux and Solaris servers.
* Creation & Maintenance of **user** accounts & passwords & profiles, home directories, initialization of files, **groups’** creation and management, setting file permissions, customizing shell environment setup for users.
* Additional responsibilities include schedule and administration of server backups, setup and administration of network and MS mail accounts.
* Maintaining production critical servers running Solaris UNIX, Linux supporting Oracle database and Web services. Providing **24x7** supports.
* Worked efficiently using **Veritas NetBackup** on development and production servers for **backups** and **restores**.
* Created **LVMs** on Linux servers.
* Writing Shell Scripts for managing day-to-day transactions & for automation of routine tasks.

**Environment: SUN Servers (6500, 4500, 420, Ultra 2 Servers), Veritas NetBackup, Veritas Volume Manager, Samba, NFS, NIS, LVM, Linux**