**Rahul**

* Over 7+ years of experience in Administration and Development of **Red Hat Enterprise Linux,** and **AIX**.
* Experienced in installation, configuration, administration, troubleshooting, tuning, security, backup, recovery and upgrades of **Red Hat Enterprise Linux 4.x, 5.x, 6.x; IBMAIX, Win NT/2000 Server**, in huge environments.
* Experienced in Installing, configuring and administering Red Hat Linux 3.0 /4.0/5.x/6.x running on **HP ProLiant BL/DL** servers.
* Proficient knowledge in **IBM AIX hardware components (RS/6000, pSeries),** trouble-shooting and maintenance of PC's
* Experience in supporting Amazon EC2 environment with around 200+ instances running Apache and Java development applications like **JBoss**.
* Design and Implementation of migration strategy for consolidating Data Centers from around the world to two centralized locations in US which involves 6000+ servers of various Windows versions.
* Good experience and understanding of **SAN** (SAN arrays; **HITACHI, EMC**) technology including zoning, disk creation on various systems, maintaining and configuring various fiber switches and storages.
* Experience in network administration, deploying and troubleshooting of **DNS, LDAP, NIS, NFS** and **DHCP** etc.
* Expertise in System performance tuning, capacity planning and Disaster Recovery planning.
* Identification, planning and migration of P2V candidates and new builds from each sites without any downtime.
* Creating and managing Virtual Machines and Templates, worked with clones and snapshots of Virtual Machines.
* Troubleshooting, documenting and knowledge transferring of Double Take process to the BUs.
* Worked with Backup Team to Configure the Master and Client Backup servers Using **VERITAS** Net Back up 4.5/5.0
* Performed Servers consolidation and virtualization using **VMware virtual infrastructure**, **VMware ESX, Virtual Center, VM tools.**
* Configuring **Kickstart** Servers and booting the images using **PXE** in Red hat Linux (RHEL) and **Jumpstart** in Solaris.
* Installed OS by using Kickstart, NIM and Ignite methods.
* Proficient experience in Server builds, post builds and installations with co-ordination with application and database teams.
* Providing day to day support to RHEL and AIX servers through various ticketing tools and monitoring tools like Service Now.
* Utilization and Implementation of VMware at the full implementation range using the complex features of VMware connectivity with **SAN, HA and DRS configuration**.

**TECHNICAL EXPERTISE:**

**OS:** RedHat Linux 4.0 5.0, Solaris 8/9/10, HPUX 11i V1 & V3, VMWare ESX 3/4/5, SUSE 9, 10, Centos 4, 5, AIX 5/6/7 Windows-(XP, 2003 & 2008 server, WIN7).

**Hardware: HP ProLiant DL 360, 380 G3, G4, G6, G7, G8**

**Server Monitoring Tools**: Service Now, HP Open view, Nagios, HP Site scope

**Networking**: DNS, DHCP, NFS, FTP, NIS, LDAP, Open LDAP, SSH

**Virtualization**: VMware infrastructure client ad workstation, VSphere Microsoft virtual PC and Linux virtualization.

**SAN:** EMC Power path, HDLM and NetApp.

**Volume Management:** RedHat LVM, Veritas Volume Manager

**PROFESSIONAL EXPERIENCE**

**Honda R&D Americans, Inc., Raymond, OH September, 2015 – Till Now**

**Linux Administrator**

Working as member of the UNIX team actively worked on RedHat Linux, servers in handling requests. Involving in system capacity planning and troubleshooting issues related to new builds, performance and troubleshooting

**Responsibilities:**

* Installation of **Centos** and/or **RHEL (RedHat Enterprise Linux) 5.X, 6.X** administrator and maintaining server Spacewalk 2.X.
* Involved in **Server remediation** and **OS level** patching of **5000+ serversindividually** in all environments including test, dev, DR and Production
* Proficient experience in using and configuring **RedHat Satellite servers,** Yum repositories and

Troubleshooting activities.

* Using **spacewalk** to patch, monitor and provision workstations and servers
* **Bash scripting** supporting Linux servers and end-user workstations
* Involved in support and maintenance of **HP ProLiant** servers, **HP blade** systems and Dell **PowerEdge** Servers. Diagnosis and maintenance of hard ware issues involving single and multiple point failures. Proficient working experience with vendors like HP, Oracle, Dell, Veritas and RedHat for troubleshooting issues.
* Creating and managing **Virtual Machines** and Templates, worked with clones and snapshots of Virtual Machines.
* Responsible for administration, maintenance, upgrading, patching and monitoring of **IT System and networks**
* Support **GUI** and **autofs mounts**, installing packages using yum and **AD authentication** on Linux.
* Updating the workstations through spacewalk.
* Involved in managing Virtual Centos Linux servers running on **VMWare ESX 4/5**
* Actively involved in **Change board** meetings and responsible for creating changes and implementing them mainly in Production environment.
* Currently working on build activities which involves building **RedHat Enterprise Linux** 6 and 7servers in both Physical and Virtual platforms and procedure documentation.
* Installed and configured **DNS** Server for training and Configured **DHCP**.
* Involved extensively in virtualizing and managing them using VMware and **VCenter VSphere**. Involved in recovering OS from **VM snapshots** and working on Maintenance mode through VM console.
* Restored files for end-users when necessary.
* Experienced in tasks like managing User Accounts and Groups, managing Disks and File Systems.
* Performing tasks related to technical support & management.
* Performing Backup and restore and Analyze system performance, client to server traffic and server to server traffic.
* Experience with various ticketing tools and currently using **Service Now** for everyday support.

**AIG, Charlotte, NC September, 2013 – August, 2015**

**Unix/Linux Administrator**

As a member of the UNIX team actively worked on RedHat Linux, HPUX and Solaris servers in handling the day-to-day requests in massive quantity. Was involved in system capacity planning and troubleshooting issues related to new builds, performance and troubleshooting . Also was part of the updating/applying patches to the server using RedHat Satellite Server.

**Responsibilities:**

* Installation of **RedHat Enterprise Linux 4/5/6, AIX, CentOS** on hardware **like HP and Dell & Solaris** 9, 10 operating systems on SPARC platforms.
* Maintaining and upgrading operating systems like RHEL and AIX platforms. Proficient in patching RHEL, AIX and Solaris servers to recommended security levels.
* Performed volume management tasks like mirroring using **SVM**, **Veritas Volume Manager 4.x/5.x and LVM.**
* Proficient installations with co-ordination with application and database teams.
* Providing day to day support to RHEL and AIX servers through various ticketing tools
* Managing and mounting file systems (using NEWFS, FORMAT, FSCK, MOUNT, VOLD) ufs.
* Supported **Oracle DB and Oracle RAC on RedHat/Centos** environments**.**
* Worked with **VERITAS** Foundation Suite 5 and performed tasks like creating disk groups, volumes, initializing disks, replacing failed disks etc.
* Installation, configurations and providing daily troubleshooting and support to **IBM Tivoli storage manager**
* Experience working with **EMC Power path, Hitachi HDLM in San related environments.**
* Installed and configured **VERITAS Net Backup and TSM** on Red Hat Enterprise **Linux**.
* Configured **kick-start** server and updating/applying patches to the servers using **Red hat Satellite serve**r.
* Deployed RedHat Satellite Server with custom repositories to provide a stable management solution for Linux environment.
* Configured **Kick start** servers to install Red Hat Linux and VMWare ESX on multiple machines.
* Manage file systems using Software **RAID** and recover an array, Manage file systems using **Logical Volume Management**, Resize file systems and protect them with LVM Snapshots.
* Disk mirroring and RAID implementation using VERITAS Volume Manager and Linux Volume Manager.
* Upgrading of **VMware ESX 3.0.0 to ESX 3.5.**
* Creating virtual machines using **Xen, KVM hypervisor** on **Xen servers**, installing **Red-hat**, **Cent OS** using **kick-start** and **Cobbler**
* Assisted in **resolving hardware issues and network connectivity issues** related to **TCP/IP.**
* Installed and configured **DHCP, DNS, and NFS.**
* Implemented **SUDO, SSH** and other **security tools** and implemented **SOX** (Sarbanes Oxley) security compliance.
* Monitoring the hosts and networks using **NAGIOS, Iostat, VMstat, MPstat** and Other Tools
* Troubleshooting on **Sun Java System Web Server 6.0** and **Apache1.3.x** web server on Solaris with experience in installing **SSL** certificates.
* Performance monitoring on Solaris & Linux servers using **Iostat, netstat, VMstat, SAR, top & prstat.**
* Configured **NFS** and **Open LDAP** services in **Red Hat Linux** and **Solaris** systems.
* **User, Group** management for all the UNIX servers.
* Monitoring CPU, memory, iSCSI disks, disk controllers, physical disk, HW and SW RAID, multipath, file systems, network using the tools **NAGIOS** and **BMC** Tools.
* Utilization and Implementation of VMware at the full implementation range using the complex features of VMware connectivity with **SAN, HA and DRS configuration**.
* **Modifying/ Writing scripts** in **Bash** and **Korn** shell for optimizing day to day administration.

**APL, phoenix, AZ January, 2013 – September, 2013**

**Unix/Linux Administrator**

As a member of Enterprise UNIX Team also member of Global build team supporting and maintaining Global POD Datacenter located in Texas as well two other Datacenters in London and Mexico. Worked on RedHat Linux 4/5/6 and Solaris running on x86 servers.

**Responsibilities:**

* Installation and configuration of operating systems like Red hat Enterprise Linux 5/6 , SUSE, CentOS
* Involved in Build servers, configured, installed tools, installed patches and transitioned servers to production support.
* Experience in support Amazon AWS EC2 instances running Ubuntu, Centos and RedHat Linux.
* Experience supporting RedHat Cluster and Oracle RAC environment running Oracle databases in High Availability.
* Involved in automation of Linux using kick start on Physical and VMWare ESX VM’s.
* Experience creating and managing HP ProLiant DL G4, G5, G6 & G7, and C7000 Blade Centers.
* Manage file systems using Software **RAID** and recover an array, Manage file systems using **Logical Volume Management**, Resize file systems and protect them with LVM Snapshots.
* Experience in automation using scripts in Perl and also shell (bash and korn).
* Involved in managing Virtual RedHat/CentOS Linux servers running on VMWare ESX 4/5.
* Experience performing SAN provisioning to Linux and ESX servers from EMC SAN arrays VNX and Clarions.
* Configure dynamic and static network settings for **IPv4 and filter packets**, Review file system management concepts, removable media and configure NFS shares with **Autofs**.
* Experience in SAN migrations at Host level on RHEL, HPUX and Solaris servers using Open Migrator, Open replicator and RHEL LVM and Veritas commands.
* Experience supporting single sign on authentication using LDAP on Linux environment.
* Configured **Kick start** servers to install Red Hat Linux and VMWare ESX on multiple machines.
* Experience configuring LDAP clients and performing activities like user administration using LDAP.
* Involved in virtualization with VMWare ESX vSphere 4.1 and created VM’s and performed P2V and P2P migrations and involved with Solaris 10 Virtualization using LDoms and Zones.
* Supporting applications like JBoss and WebLogic along with Front end webservers like Apache.
* Installed patches to latest patch level, applied patch cluster and installed software packages as needed.
* Experience working with Java applications like WebLogic, WebSphere and JBoss and performing JVM installations and upgrades in WebLogic environment.
* Monitoring the hosts and networks using **IOstat, VMstat, MPstat** and Other Tools.
* Creating user accounts, user administration, local and global groups on ESX and Red Hat Linux platform.
* Disk mirroring and RAID implementation using VERITAS Volume Manager and Linux Volume Manager.
* Experience working with configuration management tools like puppet.
* Installed VERITAS Volume Manager and Power path on Red hat Linux servers.
* Security implementation through ACL, RBAC and TCP Wrappers.
* Installing, configuring, and administering **DNS, NFS, NIS,Mail servers, FTP servers** RPM servers on Red Hat Linux platforms.
* Resolving regular tickets on Hawk, Syswatch and ping probe Monitoring tools using site scope.
* Controlling the System Logging services, and examining system Log Files of all system events.

**Office depot, bocaraton, FL October, 2011 – January, 2013**

**Linux Administrator**

**Responsibilities:**

* Worked in Mission Critical Production environment that deals with **OS level** issues through the Enterprise.
* Experience managing user administration with Open LDAP and proficient using command ldapsearch, ldapadd and ldapdelete.
* Regular Admin Tasks include building **Linux** servers for Production, Development and Test Environments and supported the ones under production.
* Involved in building Linux VM’s using VM templates and kick start servers to build multiple servers over the network.
* Experience in managing EMC arrays and provisioned SAN disks to Linux and Solaris arrays.
* Performed **OS upgrades** for **critical servers** under production.
* Experience in creating file systems on **LVM, VxVM on RedHat Linux and HPUX.**
* Performed various file system changes to accommodate upgrades in applications, services and databases.
* Experience configuring Open LDAP and setting up clients for Open LDAP.
* Involved in decommission of the servers which reached end of life and performed SAN migrations using LVM and EMC tools.
* Maintained **OS/APP backups** for Linux and Solaris servers
* Managed **critical bundles and patches** on the production servers after successfully navigating through the testing phase in the test environments.
* Implemented scripting new by writing shell scripts and Perl scripts and scheduled those by using cron.
* Worked on the virtual environments through the virtual ware clients like **VMIC**/ **VSphere**.
* Responsible for evaluating Storage Foundation Cluster File System for possible production use.
* Monitoring the hosts and networks using **NAGIOS, Iostat, VMstat, MPstat** and Other Tools
* Manage software on system using **YUM, and RPM.**
* Worked on the Java based applications and supported JVM’s and worked on issues related to Java and patching regularly with **WebLogic and JBoss applications.**
* Worked with **HP Integrated Lights Out (ILO)** software in effectively managing the server under cluster environment.
* Implementing file sharing on the network by configuring NFS/SAMBA on the system to share essential resources.
* Good knowledge in structuring the documentation for **Architectural Design** and **Build Plan Documents**.
* Managed Disks and File systems using **LVM** on Linux.
* Performed day to day health check and maintained the servers by taking the down time from the users.
* Performed configuration and troubleshooting of services like **NFS, NIS, DHCP, FTP, LDAP, Web servers (Apache), Samba servers**
* Installation of Cent OS 4.x manually and upgrading through YUM installation.
* Provided afterhours and weekend support to facilitate the issues in the production environment.

**JetBlue Airways, NY Feb 2010 – Sep. 2011**

**Systems Administrator**

**Responsibilities:**

* Worked in a huge enterprise environment with 250+ Solaris servers.
* Experienced in the installation, support, configuration and maintenance of Sun Servers/workstations.
* Installing, upgrading and configuring Solaris 9, 10, AIX 5/6, Red hat Enterprise Linux 4, 5.1
* Worked with **MySQL** database **installations** and **configurations.**
* **Experience supporting EMC Arrays like VNX, Clarions and VMAX arrays.**
* Worked in 24/7 support environment for network and systems support.
* Experience in scripting. Implemented shell and Perl scripts for log rotation and monitoring.
* Utilization and Implementation of VMware at the full implementation range using the complex features of VMware connectivity with **SAN, HA and DRS configuration**. Worked on V-motion in VMware.
* Installing and Configuring nodes on a **VERITAS Cluster** in a SAN environment, adding **VCS** agents for Oracle, Sybase, troubleshooting fail over issues , resource management .
* Worked in deploying Linux and Windows virtual machines in VMware. The implementation involves SAN connectivity with VMware.
* Performed multiple Linux kick start installation both on VMware and physical servers
* Configured and distributed virtual machines on different hosts and configured v-motion. Performed template installations.
* Performing p2v migrations in Windows and Linux OS.

**Perot TSI systems, Bangalore, India Jan 2009 – December2010**

**Systems Administrator**

**Responsibilities:**

* Installing, upgrading and configuring SUN Solaris 8, 9 and 10 on Sun Servers using Jump start.
* Plan and implement assigned projects, change management, on-call support, and hotline bridge participation.
* Installation and monitoring of Zone File System, Veritas Volume Manager, Veritas Net Backup.
* Troubleshooting various problems when working with VxVM in initializing, replacing, mirroring, and removing disk devices.
* Experience in providing day-to-day user administration like adding/deleting users and managing user’s queries and maintained Server using Cfengine.
* Worked with and assisted customers with setting proper Priority/Severity of problems, work problems to resolution, recorded/documented actions in databases as well as utilized tools and resources.
* Installation, configuration and maintenance DNS servers, Mail servers, FTP servers, NFS, NIS, RPM, Zones, LDAP and Microsoft Active Directory & Samba Web servers on Sun Solaris, Linux platforms.
* Troubleshooting and analysis of hardware and software failures for various Solaris servers (core dump and log file analysis).
* Configuring distributed file systems and administering NFS server and NFS clients and editing auto-mounting mapping as per system / user requirements.
* Network Administration - involving day-to-day routine checks, Configuration of LAN adapters, Routing, NFS, DNS and Troubleshooting.
* Implemented crontabs, shell scripts for automatic jobs.
* Restored files for end-users when necessary.
* Experienced in tasks like managing User Accounts and Groups, managing Disks and File Systems.
* Performing tasks related to technical support & management.
* Installed and configured Windows 2003 servers.
* Performing Backup and restore.
* Created user roles and groups for securing the resources using local operating system authentication.
* Analyze system performance, client to server traffic and server to server traffic.