**Syed Raziuddin Ali Sofi**

**SUMMARY:**

* **7 + years** of experience as a UNIX Administrator with **AIX 5.x, 6.1, 7.1, HP-UX 11i, RHEL 5.x, 6.x**
* Experience in installing, configuring, maintaining and troubleshooting **AIX, Linux and HP-UX** servers in large environments
* Extensive experience with **IBM PowerVM** technologies such as Micro Partitioning, DLPAR, Shared processor Pools, VIO, VSCSI, NPIV, Live Partition Mobility (LPM), Active Memory Sharing/Expansion (AMS/AME), Shared Ethernet adapter (SEA), Virtual Switches
* Extensive Experience in Installation and Administration of **Red Hat Linux8/9, RHEL 3.0/4.0/5.0/6.0** Server family
* Responsible for installation, configuration, and administration of Oracle10g/11g database on SCO Unix, Linux, and Windows 2003 Servers and also an integral part of the backup and recovery
* Proficient in installation and configuration of **Web Sphere Applications** on Red Hat Linux
* Experience in setting up a PXE boot environment with Red Hat Linux
* Experience with installation of packages, patches, maintenance & RPM updates on Red Hat Linux.
* Knowledge of VMware virtualization, **ESX/ESXi 4.x, 5.x, vmware vsphere, vcenter, vmotion and DRS**
* Experience with volume management technologies such as AIX **LVM, Veritas Storage Foundation (VXVM), HP-UX LVM, LINUX LVM**
* Hardware experience with IBM P Series (**P4, P5, P6, P7**), **IBM X series, HP 9000, Proliant DL series**
* Extensive experience with automated installation and system management technologies such as **AIX NIM, HMC, Redhat Kickstart, HP-UX Ignite**
* Experience in Upgrading/Patching AIX Servers using **NIMADM, Alt\_disk\_update, multibos, instfix, installp**
* Experience in High Availability Technologies such as **HACMP/PowerHA (5.x, 6.1, 7.1) Redhat Cluster, HP Service Guard**
* Experience in working with SAN/NAS technologies such as **EMC (vmax, dmx, clariion), IBM Data storage (DS 8k, 6k, 4k), Hitachi, Netapp**
* Worked with Multipath technologies such as EMC **powerpath, AIX MPIO, SDDPCM, Veritas Dynamic Multipathing (vxdmp), Redhat DM-Multipath, HP-UX Native Multipathing**
* Performance monitoring using **vmstat, iostat, svmon, sar, topas, nmon, top, glance**
* Experience in Shell scripting using **Korn, bash and Perl**
* Have done basic scripting in **Ruby, Python**, and **CSH** for automated task
* Proficient in working with **TCP/IP, DNS, NFS, NIS, SSH, SAMBA, LDAP, SFTP, SNMP, Sendmail**
* Installation configuration and administration of **VIO Servers (1.5, 2.1, 2.2)**
* Excellent presentation, analytical, documentation and interpersonal communication skills.
* Experience with various performance monitoring tools such as TOP, NMON, TOPAS, VMSTAT, IOSTAT etc.
* Experienced in 24X7 on-call for unix/linux support

**TECHNICAL SKILLS:**

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| **Hardware** | HP DL380 G5/G6/G7/Gen8, Dell Poweredge 1950, 2300, 2450, R810.  IBM RS/6000, IBM Blade center, JS20, JS21, HS20, IBM X Series, pSeries 570, 590, 595, 650, 630, 670, 770. |
| **O / S** | RHEL 3.0/4.0/5.0/6.0,AIX 5.3,6.1 Solaris 9/10/11, SUSE 10x |
| **Naming Services** | DNS, NIS, and NIS+ |
| **Backup Management** | VeritasNetbackup 4.x/5.x/6.x**,**Ufsdump, ufsrestore, tar, dd, cpio, Legato, TSM |
| **Script Languages** | Bash, Shell, Python,PERL, Ruby |
| **Web Technologies** | AWS, Apache 2.x/3.x, IPLANET 4.x/5.x, WEBLOGIC 8, Websphere 4.0/5.0 |
| **Storage** | SAN, EMC VMAX 2.x/3.x, Symmetrix / Clarion, iSCSI, SNAP, NAS, DAS |
| **Cluster** | Veritas Cluster Server (VCS), Sun Cluster, HP Service Guard, AIX HACMP |
| **RDBMS** | Oracle, MS SQL ServerOracle8i/9i, 10g, 11g, MS SQL, MySQL 5.1/5.5/6, |
| **Protocols** | NetBIOS, SMTP, SNMP, ICMP, TCP/IP, FTP, TELNET, UDP & RIP, DNS, WINS, DHCP |
| **Virtualization** | VMware ESX4/5 server, VMware Workstation, VIO. |

**PROJECT HISTORY:**

**Honda, Washington, DC July 2013 - Present** **Unix AIX Administrator**

**Responsibilities:**

* Performed Operational support for over 200 AIX lpars
* Installed, configured and maintained several AIX and RHEL servers
* Installed and configured 50+ lpars (aix 6.1) on P770 using NIM
* Worked in planning,sizing, designing and deploying vio servers, lpars, virtual switches, NPIV, LPM on several P7 servers for a SAP project
* Performed AIX server migrations in a data center consolidation project using different migration techniques including EMC SRDF
* Installed the Operating System on Solaris and Linux servers and Blades over the network.
* Installed Windows servers running Active Directories & Exchange
* Supported servers on AWS infrastructure
* Worked on the Web Services apache and J2EE servers
* Created personal projects in Ruby, HTML, CCS, XML, Python, and Java Script Mysql
* Built servers according to standards specified as per individual applications
* Built virtualized Linux servers on ESX and Blade servers to host multiple applications on same chassis across different server hosts
* Set up Linux servers for iSCSI LUN boot instead of using local hard disks
* Performed BMC Patrol Agent installations and upgrades to multiple servers including aix, solaris, linux and windows
* Performed BMC Patrol remote agent upgrades
* 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.
* Used Nagios and database plug-ins to automate monitoring and setup alerts to notify Webops team
* Experienced in Troubleshooting critical hardware and software issues and other day-to-day user trouble tickets
* Performed lpar migrations using different techniques including live partition mobility (LPM)
* Performed AIX migrations from 5.3 to 6.1 and 7.1
* Performed TL and SP upgrades on AIX 6.1, 7.1 using alt\_disk\_install and multibos
* Built and configured new VIO servers with VIOS 2.2 on P770 using NIM
* Upgraded vio servers from 1.5 to 2.1 and 2.2
* Setup weekly OS backups using mksysb
* Provided support for SAN migrations from IBM to EMC and DMX to VMAX
* Configured fiber channel connections and Zones on EMC switched Fabrics
* Planned, installed, configured, tested and documented 2 node Power HA clusters using powerha 6.1
* Supported large db backup solutions using IBM flash and EMC Timefinder Cloning
* Installed and configured Commvault client 9.0 on several AIX and RHEL servers
* Provided break/fix incident support including hardware replacements
* Performed tuning on aix for oracle, db2, sap, RMS
* Responsible for setting up disaster recovery environment for AIX/RHEL servers and implemented all the DR procedures as per the guidelines
* Created and maintained scripts for support of application and AIX/Linux automation
* Installed, configured and maintained several RHEL servers (6.x)
* Performed routine security patching of AIX and RHEL servers for known vulnerabilities
* Provided support by 24x7 shift rotation basis and pager support.

**IBM , Dubuque,IA May 2012 – May 2013**

**UNIX AIX Administrator**

**Responsibilities:**

* Responsible for regular & enhanced Migration of AIX p5, p6, P7 series servers from one data center to another and migrations within the data center which also included using Live Partition Mobility.
* Responsible for Remote AIX Support With more than 1250 servers.
* Installed racked and configured IBM pseries p4/p5/p6/P7 (p595, p590, p570, p561, p560, p550, P770) for production, staging and test environments.
* Installation and administration of RHEL 4.0/5.0/6.0.
* Configured kickstart server and updating/applying patches to the servers using Redhat Satellite server.
* Installed Solaris 9/10/11, Linux RedHat/Fedora OS and Windows XP, NT, 2000, 2003 including all necessary maintenance patches and clusters
* Used CVS, VTFS, Preforce on Unix and Windows environment
* Remote system administration using tools like SSH, Telnet, and Rlogin.
* Planning and implementing system upgrades including hardware, operating system and periodical patch upgrades.
* Installation, configuration and administration of VMware
* Automation of jobs through crontab and autosys.
* MySQL, PHP, cPanel, service, and network monitoring with Nagios and MRTG
* Installation of packages, patch management, volume managment on RHEL/Suse servers using YaST.
* Assisted in support and operation of BMC patrol
* Applied appropriate support packages/patches to maintain system integrity.
* Performed capacity analysis, monitored and controlled disk space usage on systems.
* Monitored system activities and fine tuned system parameters and configurations to optimize performance.
* Performed HACMP failover and failback as per the user’s requirement.
* Experience of configuring 4 nodes cluster with multiple RG configuration.
* Extensive working experience on LVM. Creating VG, LV and FS.
* Upgrading and updating TL, APAR and patches on AIX 5.3 and 6.1.
* Perform User Account management, data backups, and users’ logon support.
* Installation and configuration of NIM master server and clients.
* Creating lpp source and SPOT for client on NIM server.
* Experience of upgrading and updating frame and device firmware using HMC
* Provided UNIX infrastructure, operations and support for IBM RS/6000 (7026-M80) servers and pSeries servers running IBM AIX 5.2, 5.3, 6.1.
* Performed installation, periodic maintenance updates and applied APAR fixes.
* AIX systems administration and Disk Management.
* Experience in creating and installing standalone client LPAR and VIO client LPAR using on VIO versions 1.5 and 2.1.
* Upgraded and upgrading HMC from version 6 to 7.
* Installation and configuration of VIO Server 1.5,2.1 and AIX 5.3,6.1 on client LPAR’s for p 5 595, 590 and p6 570, 590 servers.
* Upgrading TSM Client from version 5.2 to 5.5
* Managing various scripts to start up and shutdown databases and SAP systems.
* Installed and configured Sudo for users to access the root privileges.
* Define/setup network protocols, Network File Services (NFS), and Network Information Services (NIS).
* Packaged, build, intergrate and deploy enterprise J2EE applications on WebSphere 3.5/4.0/5.0 that involves EAR, JAR, and WAR files
* Provided support by 24x7 shift rotation basis and pager support.

**Kohl’s, Menomonee Falls, WI April 2009- Apr 2012**

**UNIX AIX Systems Administrator**

**Responsibilities:**

* Responsible for installation and maintenance on p 5 520,560,570 hardware with AIX 5.3, RHEL 3/4
* Installation of patches, packages on AIX, and RHEL.
* Performed all System Administration tasks like cron jobs, installing packages, and patches.
* Configured Mail relaying, virtual host, POP3 and IMAP4 services and enforced security policies.
* Diagnosing hardware/software problems and provide solutions.
* Configured and maintained Samba Server, NFS Server, NIS Server and clients, DNS clients and AutoFs File systems.
* Troubleshooting system, network and user issues.
* Adding network printers and conducting day-to-day system administration, including backup/recovery in NAS environments.
* Installation, Administration and configuration of LPAR’s with AIX 5L on p5 servers
* Experience of creating and installing standard LPAR and VIO client LPAR using HMC
* 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
* IBM RS/6000 SP System Software Maintenance AIX System Dump Generation and sending System Dump to AIX System Support Center.
* Network management of TCP/IP networks, IP address management.
* Performing upgrades of OS and applications.
* Tested products for evaluation purposes and documented for necessary changes required as per environment
* Inventory management for Software and Hardware.
* Disk Replacement Strategy on AIX.
* Logical Volume Management (LVM) of AIX.
* Performance Management & Tuning of AIX UNIX Kernel
* Security, users and groups administration
* Provided support by 24x7 shift rotation basis and pager support
* Monitored trouble ticket queue to attend user and system calls.
* Attended team meetings, change control meetings to update installation progress, and for upcoming changes in environment.

References will be provided upon request.