**Professional Summary:**

* 7+ years of experience in System Administration Microsoft Windows Servers(2008,2012,2016)/XP, Red Hat Linux Enterprise EL 4.x, 5.x, 6.x, Centos Linux 4.x, 5.x, Sun Solaris, Suse 11.x, 12.x, VMware vsphere ESX/ESXi environment. Experience with VMware vSphereESXi 4.1/5.0/5.1/5.5
* Experience in System Administration, System Builds, Server builds, Installs, Upgrades, Patches, Migration, Trouble Shooting, Security, Backup, Disaster Recovery, Performance Monitoring and Fine-tuning on both Microsoft Windows and Red Hat Linux Systems.
* Strong experience working on Windows Servers, Active Directories, System Center Configuration management (SCCM) tool, PowerShell, installation and support of LANs and WANs, DHCP and DNS.
* Strong experience working on Red Hat Enterprise Linux, oracle Linux, Ubuntu Linux, Fedora Linux.
* Experience and Familiar with Virtualization technologies like installing, configuring, administering VMware ESX/ESXi and Citrix Xen Server/open stack. Created and managed VMs (virtual server) and also involved in the maintenance of the virtual server.
* Understanding of networking concepts, (IE. Configuration of networks, router configuration and wireless security, TCP/IP, VPN, Content Filtering, VLANs, and routing in LAN/WAN, Ethernet Port, Patch Panel and wireless networks.)
* Experience using various search, text, and file systems. Have used ‘grep’, ‘Sed’ etc.
* Experience in implementation Intrusion Detection System: Tripwire, Snort, Lids.
* Experienced in installation, configuration, design and ongoing maintenance of Cisco router and switches.
* Experience in Installing, configuring and maintaining Samba, Web Sphere& Web Logic Application Servers, Nagios and Chef.
* Experience with x86 / x64 Intel, HP, IBM & Dell hardware like rack-mounted servers, tower servers, desktop, laptop and other peripherals.
* Experience in iSCSI SAN, NAS, NFS storage and RAID concept.
* Supported AWS Cloud environment with 200+ AWS instances and configured Elastic IP & Elastic Storage and also experience working on implemented security groups.
* Experienced in Amazon EC2 setting up instances, virtual private cloud (VPCs), and security groups.
* Handling day-to-day User Administration tasks like adding, deleting and modifying user data and documenting all user data in a centralized location.
* Performance tuning of Linux machines in the environment by kernel parameter tuning, identifying process that hog the system resources and containing them.
* Experience working in customizing the Kickstart and Jumpstart scripts to automate the installation of various servers used for various internal projects.
* Responsible for Backup and Recovery operations of various servers using VERITAS Net Backup.
* Working Knowledge on using and developing Shell, Perl and python scripts used to automate day-to-day administrative tasks.
* Responsible for OS maintenance activities like upgrading the OS, updating the services and third-party software’s.
* Worked in maintaining integrity of Linux, Solaris servers by performing patching operations on a regular and planned way.
* Installation and configuration of Web Application servers like Apache, Tomcat and WebLogic.
* Experienced in documenting various maintenance activities and upgrades and changes in the network architecture.
* Worked with a bug/problem tracking system in responding to DNS requests, updates and tasks.
* Experience in Microsoft Office Suite, Open Office, Visio, Outlook, Printing, Windows networking, Security patching.

**Technical Skills Inventory:**

|  |  |
| --- | --- |
| **Operating Systems:** | Windows NT /2000/2003, Windows Server 2003/2008/2012/2016, Linux (RedHat, CENTOS & SUSE), Solaris 10/9/8, HP-UX 11.0, 11.11, IBM AIX (4.3/5.x), HPUX11i V1, V2 & V3, VMWare ESX, SLES 8,9,10 & 11, MAC OS X 8/9.x/10.x. |
| **Hardware:** | M5000, M8000, T5220, T5240 Sun E15K, E25K, Sun Fire 6800/4900/3800, Sun Fire 490/280, v880/v890, Sun Enterprise Servers E6500, E4500, E3500, Work Group Servers E450, E420, E250, E220, Netra 1405, Netra X1, Ultra 80, 60, 30, 10, 5, 2, 1, Intel Servers |
| **Networking** | TCP/IP, NIS, NFS, FTP, DNS, DHCP, Samba, Apache, SMTP, SSH, IP-Tables |
| **WEB Technologies:** | Tomcat, APACHE 2.x, 3.x, Jboss, Web Logic (8/9/10) & Web Sphere 4.0/5.0 |
| **Programming, Scripting Language & Databases** | RDBMS, MySQL, Oracle, Sybase, MSSQL, C, UNIX Bash & Shell Scripting, Perl Scripting, Python, Ruby, HTML, VB |
| **Backup Management** | Veritas Netbackup 4.x/5.x/6.x, Ufsdump, Ufsrestore, TAR,cpio, dd, Tivoli, Symantec Netbackup 7.x |
| **Third Party Software:** | VERITAS Volume Manager, VERITAS Cluster Service (VCS), HP Service Guard, Sun Cluster, EMC Storage, RAID Technologies, SSL, Splunk |
| **Protocols:** | TCP/IP, UDP RIP, OSPF, EIGRP, IGRP, SNMP, SMTP, TELNET |

**Education:**

Bachelor of Technology in Electronics and communication from Jawarlal Nehru Technology University Hyderabad, India.

**Certifications:**

**Microsoft Certification ID: 9685724**

**MCITP [Microsoft Certified IT Professional]**

**MCSA [Microsoft Certified solutions Associate]**

**MCTS [Microsoft certified Technology Specialist: Active Directory]**

**MCTS [Microsoft certified Technology Specialist: Network Infrastructure]**

**MCTS [Microsoft certified Technology Specialist: Exchange Server]**

**CCNA [CISCO CERTIFIED NETWORK ASSOCIATE]**

**Professional experience:**

**Client: West Corporation, Nebraska, Omaha Jan 2017 - Present**

**Role: Sr. Windows System Administrator**

**Responsibilities:**

* Create accounts in Active Directory for multiple environments.
* Manage VDI desktops, to include allocating various resources (HDD space, RAM, processor power, etc).
* Troubleshoot VDI desktop issues.
* Managing servers within windows environments.
* Patching servers using WSUS or SCCM depending on environment, as well as ensuring STIG compliance.
* Building new virtual servers.
* Managing physical server hardware.
* Troubleshoot various program issues, working with the programs and coordinating with various teams to resolve problems.
* Work with IA to help implement policies that harden server security, from account building process to remediation of CAT I findings, and if necessary submit for Risk Acceptance.
* Decommission virtual and physical servers, or repurpose physical servers if necessary.
* Administer RSA SecurID tokens for users to authenticate to various servers.
* Quarantine, and help patch VDI's that are non-compliant per IA standards.
* Upgrade Windows 2008R2 servers to Windows 2012R2.
* Upgrade Windows 7 VDI to Windows 10 VDI.
* Work with Microsoft or Vendor (Dell) to resolve various issues as they come up.
* Provide information to the REAN team to aid in AWS Cloud Migration.
* Create documentation for various day-to-day processes.
* Installation, configuration Active Directory, Group Policy, Migrations, Security GPOs, DNS, DHCP, File & Print Server, IIS (Web Server), FTP, Terminal Server, Microsoft Clustering and Exchange Mail Server in Windows based server environment.

**Environment**: Active Directory, Networking & Hardware/Software , Laptops/Desktops & Servers, Cloud Computing, Encryption, Technical Documentation, Enterprise-wide Solutions ,Virtualization , Network Administration , Mac/iPhone Support , Systems Imaging ,VMWare , Virtual Machines , Technical Leadership , Customer Support.

**Expedia inc, Chicago, IL July 2015 – Dec 2016**

**Role: Sr. Linux Administrator**

**Responsibilities:**

* Installation, configuration and Operating System upgrade on, Red Hat Linux 3.x, 4.x, 5.x, 6.x and Sun Solaris 8,9,10
* Installation, Configuration, and OS upgrades on RHEL 5.X/6.X, SUSE 11.X, 12.X.
* Implemented and administered VMware ESX 3.5, 4.x for running the Windows, Centos, SUSE and Red Hat Linux Servers on development and test servers.
* Creating volume groups, Logical volumes and extending them using LVM.
* Working with HP XEN Blade Servers. Attaching disk space from DL-360 blade servers to VMs.
* Installed and managed VMware ESX 4.5 hosts running RHEL 5,6 versions.
* Installed, configured, and maintained WebLogic and Oracle DB Servers on OS Redhat Linux and AIX.
* Responsible for setting up new instances, migrating existing services from physical servers to AWS cloud.
* Configure, monitor and, maintain AWS VPC environment.
* Working with SAN team for exporting shared volumes and mounting shared volumes.
* Installing and Configuring Puppet for configuration management.
* Responsible for configuring networking concepts like NIS, NFS, SAMBA, LDAP, SSH, SFTP, SNMP, DNS, DHCP, troubleshooting network problems such as TCP/IP, supporting users in solving their problems.
* Configuring, Managing and Scheduling CRONTABs for App Accounts and Backup management on a regular basis.
* Installed and configured Splunk for all kind of Application, System logging so that various support team can get information online instead of combing the log files.
* Installed and configured Apache Web Server.
* Installed and deployed WebLogic and WebSphere Application Servers (WAS).
* Worked on Puppet to organize and execute configuration plans on servers& worked on modules of Puppet for its manifests on servers.
* Create, maintain and manage automated build processes for AWS environment using Puppet.
* Developed scripts for automating administration tasks like customizing user environment, and performance monitoring and tuning with nfsstat, netstat, iostat, and vmstat.
* Created BASH shell scripts to automate cron jobs and system maintenance. Scheduled cron jobs for job automation.
* Installed Deployment & system configuration Automation JIRA, HPSA and Puppet server.
* Modifying user’s password policies, group policy, UID and GID assignment policies.
* Monitored the performance of the system using top, sar, ps, prstat, vmstat, netstat, iostat, and cpuinfo to check the CPU utilization, bottlenecks of I/O devices, memory usage and network traffic.
* Troubleshoot network connectivity used ping, netstat, ifconfig, and trace route commands. Login to the remote system using sudo, putty, and telnet. Transfer files across the systems on the network used ftp, scp, and rsync commands.
* Linux technical support and prepared technical documentation for check in verification.
* Regular backing up of critical data and restoring backed up data. Worked in solving tickets issued on day to day activities and problems related to development and test servers.
* Working knowledge on ITSM remedy and Maximo ticketing systems.
* Provided 24x7 System Administration support for Red Hat Linux and CentOS servers and resolved trouble tickets on shift rotation basis.
* Provide support for building servers, patching, user administration tasks, deployment, software installation, performance tuning and troubleshooting and KVM.

**Environment**: Red Hat Linux 3,4,5,x 6 VMware ESX 3.5, vCenter 5.1, ESXi 5.1, Windows Server 2008 R2,sun Solaris 8,9,10, Solaris Volume Manager, Veritas Cluster Server, Weblogic 8.1, Samba, Oracle 9i/10g, HP DL 385 G6, HP DL380 G7.

**Client: Kibo commerce, Dallas, TX Nov 2013 – June 2015**

**Role: Linux/ Unix Administrator**

**Responsibilities:**

* Installed and configured of Solaris and Linux servers using JUMPSTART and KICKSTART installation and periodic Patch Upgrading using Live upgrade.
* Troubleshooting hardware and replacement of failed components running on LINUX and SOLARIS environment, Performance tuning activities like allocation and monitoring of disk space using Disk Quota system.
* Installed and administered DNS, NIS, NIS+, NFS, and Send mail for centralization and firewall setup with in tables on Solaris and Red Hat.
* Provided highly available data services to users using Solaris volume manager (SVM) and Logical volume manager (LVM).
* Created and maintained user accounts and print queues, installed tools/compilers including GNU required by the environment and maintained their licenses.
* Resolved config issues and problems regarding NFS mounts, NIS maps, user ids, rpminstalls, and driver installs.
* Configuration of Hardware and Software RAID. Disk replacement and File system recovery.
* Used VERITAS Volume manager for Storage administration.

**Environment:** Fujitsu DRS6000 sparc server, SUN Solaris 2.7/8/9, RHEL 4/5, SUN Enterprise 3500, 6500, 220R, 250, 420R, Enterprise workstations Ultra 80, Ultra 60, Ultra 10, Ultra 2, VERITAS Volume Manager 3.0.

**Client: Rforce Technologies, Hyderabad, India Feb 2011 – Sept 2013  
Role: Desktop Support Associate**

**Responsibilities:**

* Prioritizing **service tickets** and providing support service to clients
* Resolving daily technical issues and providing **desktop support**
* Handling data network and **server management**, and testing network connections
* Installing, testing, and reviewing desktop software applications
* Testing work stations for smooth connectivity and ensuring proper functioning
* Training end users on functions of hardware and usage of new software applications
* Creating, maintaining and providing support on **multiple domain environment**
* Creating **virtual LAN forests** for schools and institutions
* Creating active directories and maintaining user accounts and email accounts
* Managed Microsoft SCCM deployments for small firm of over 300+ units and oversaw deployments of complex applications
* Assisted in the **maintenance and troubleshooting** of SCCM, and client workstations
* Created **task sequences** such as applying data image task sequence, driver package, operating system image sequences
* Setting up **Group policies** for multiple active directory users and providing end user support.
* Worked on script development on **Visual Basics** using **Microsoft PowerShell**
* Tested and reviewed latest software, hardware, and operating systems
* Analyzed, configured, and installed desktop for clients
* Managed deployment of new machines and new software installation
* Recommended technology refresh according to the needs of clients
* Updated operating systems for Windows as per clients' request
* Monitored and ensured software applications meet standard security guidelines

**Environment:** Active Directory, Networking & Hardware/Software , Laptops/Desktops & Servers, Cloud Computing, Encryption, Technical Documentation, Enterprise-wide Solutions ,Virtualization , Network Administration , Mac/iPhone Support , Systems Imaging ,VMWare , Virtual Machines , Technical Leadership , Customer Support.