Santoshkumar Male

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# profile

* Over 9+ years of experience in IT industry with real time Analysis, Business requirements definition, Functional Design, Development, Infrastructure, Cloud solutions etc.
* Experience in System Administration, System Builds, Server Builds, Installs, Upgrades, Patches, Migration, Troubleshooting, Security, Backup, Disaster Recovery, Performance Monitoring and Fine-tuning on Aws Cloud/UNIX/Linux (Red Hat Linux, SUN Solaris & IBM AIX) Systems.
* Experience working on Cloud solutions using Amazon Web services
* Advanced knowledge of Amazon web services and holding Multiple AWS Certification.
* Extensive experience in studying existing infrastructure landscape, cloud product matching, design cloud architecture, Proof of Concepts, design improvements, cost Estimation and implementation of AWS Cloud Infrastructure recommending application migrations to public vs. private cloud.
* In-depth AWS experience AWS including EC2, VPC (NAT, VPC Peering and VPN), Identity and Access Manager (IAM), EC2 Container Service, S3, CloudFront, Glacier, RDS, Dynamo DB, ElastiCache, Direct Connect, Route 53, Cloud Watch, CloudTrail, OpsWorks, SNS, SES, SQS, SWF.
* Experience working on Administering various AWS Services USING AMAZON AWS Console.
* Experience working on different version control systems including GIT, SVN and PVCS
* Experience on Network Administration and Application (Production) Support experience on various OS platforms including Red Hat ENT Linux, SUSE Linux, Sun Solaris & IBM AIX.
* Experience working on several Docker components like Docker Engine, Hub, Machine, Compose and Docker Registry.
* Expertise in Amazon AWS Cloud Administration which includes services: EC2, S3, EBS, VPC, ELB, Route 53, Auto scaling, Security Groups, Red hat open shift, and Cloud Formation
* WebSphere MQ Integrator inclusive of installation, configuration and administration.
* Extreme knowledge of monitoring tools for the OS and MQ series objects
* Experience in Designing & Creating Domains on M3000, M5000 servers created LDoms on T2000, T5220 and T5440 servers.
* Experience in software upgrades, O/S upgrades, applied fixes and patches to Linux, AIX and Solaris Operating Systems.
* Experience with configuration management and related tools: Ansible, Puppet, and Salt.
* Experience with NAS, iSCSI protocols, and storage system best practices.
* Experience with administering enterprise class data storage systems like NetApp and etc.
* Experience in with Virtualization technologies like installing, configuring, VMware vSphere. Creation, management, administration and maintenance of virtual servers and clients.
* Experience in Networking configuration & Security Configuration on ESX Host.
* Experience in using various network protocols like HTTP, UDP, POP, FTP, TCP/IP, and SMTP.
* Sound knowledge on VERITAS Cluster Server, VERITAS File System and VERITAS Volume manager.
* Extensively worked on Solaris 10 containers, Zones for Virtualization.
* Helped to establish standards, policies and procedures for all aspects of UNIX server environment (e.g., configuration, administration, documentation, etc.)
* Installing, upgrading and configuring SUN Solaris 7, 8, 9, 10 and 11 on Sun Servers Using Jumpstart Servers and Red hat 4.x, 5.x, 6.x on DELL DRAC, VMware using Kick Start and Interactive Installation
* Involved in migration and consolidation of Unix/Linux Servers in Production data center.
* Planning, documenting, and supporting high availability, data replication, business persistence, failover, and failback using VERITAS Cluster Server 3.x/4.x, sun cluster server in SAN environment.
* Proficient DB administration (Oracle, DB2, Sybase and SQL) knowledge for maintaining, pruning, and performing required DB tasks.
* Experienced in working with Storage Area Network (SAN), TSM, EMC Clarion, Celera, EMC Symmetric DMX, Control Centre and VMware.
* Experience in designing and configuring open source management tools Puppet, Chef.
* Installed, configured and implemented the RAID 0/1/5 volume management using VERITAS Volume manager (3.5/4.x/5.0) and Solstice Disk suite (SVM) on Solaris. Also, Experienced in VERITAS file system (3.x, 4.x, 5.0), VERITAS Net Backup (4.x, 5.x, 6.x) for disk management and mirroring tasks.
* Creating and maintaining user accounts, profiles, security, rights, disk space and process monitoring.
* Application Performance Management: Octopus, Cugger.
* Experience in installing, configuring, supporting and troubleshooting Unix/Linux Networking services and protocols like NIS, NIS+, LDAP, DNS, NFS, DHCP, NAS, FTP, SSH and SAMBA.
* Expert in Installing, configuring and maintaining apache/tomcat, samba & send mail, Web Sphere Application Servers.
* Expertise in implementation and maintenance of DHCP, NFS, NIS, DNS and Apache SMTP.
* Proficient in System Backup and Recovery from tapes using ufsdump, ufsrestore, tar and cpio.
* Well versed in configuring Volume Groups and Logical Volumes, extended logical volumes for the system growth needs using Logical Volume Manager (LVM).
* Networking and Communication devices, Server Utilities, TCP/IP, FTP. Expert in Data center operations including hardware, software setup monitoring, troubleshooting on a 24 x 7 basis with BMC patrol, Team Quest, Unicenter & Smart trouble ticketing Systems/remedy tickets/kintana tickets, Splunk and etc.
* Installation of WebLogic, upgraded to service pack updates, installed BEA patches, configuring and creation new domain, start and stop WebLogic server.
* Experience in installation and configuration of WebLogic, WebSphere, Apache, JBoss, and I Planet, LDAP, and mail servers.
* Resolving system errors and crashes, huge file sizes, file system full errors and Installing Network Printers and rectifying the Printer problems over the network.
* Excellent skills in analyzing, designing, implementing and system integration, Knowledge on Switches, Routers, & Firewalls.
* 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.
* Experience writing UNIX/LINUX SHELL SCRIPTS, including writing different cron jobs.
* Experience with designing and implementing hybrid cloud solutions.
* Focus on automation integration monitoring and configuration management.
* Manage hardware and support requests from development and infrastructure.
* Experience and good knowledge working on VMWare virtualization.
* Good knowledge on RDBMS USING SQL Server, ORACLE, MySQL etc.
* Good knowledge Netbackup, SAN and Storage Technologies.
* Experienced in Monitoring tool like Nagios, Meridian, HPOV, Meridian
* Experienced in installing, configuring and managing Apache and Tomcat Applications.
* Experienced in AWS command line interface.

# Education

* JNTU , Hyderabad, India
* Bachelor’s in Computer Science and Engineering 2007.

# Technology Summary

* DevOps
* Data Center Operations
* Chef/Puppet
* Git
* Bash shell scripting
* Python
* Ruby
* Red Hat / Fedora / CentOS
* Debian / Ubuntu
* AIX/Solaris
* Disaster recovery / Backup
* VMWare
* XenCenter
* VirtualBox
* Apache
* Oracle, My SQL
* Nginx
* AWS/Azure

**Technical Background**

Server administration:

* Capacity planning
* Evaluated and recommended all systems, software and hardware
* Designed and built many servers and workstations from components
* UNIX and Linux optimization
* Managed Data Center
* Administered UNIX/Linux servers of the following types:
  + UNIX (SCO, AIX)
  + Linux servers (Debian, RedHat, Ubuntu, SuSE, CentOS, and others)
* Created, configured and maintained:
  + Web servers on Linux using Apache 1.3\* and 2.\*
  + Oracle 8.1.7.4 on AIX 4.3.3
  + Oracle 11g on SuSE Enterprise Server 11
  + DNS using BIND
  + NFS servers on Linux
  + Samba servers on Linux to integrate Linux and Windows for file and printer sharing
  + MySQL servers on various platforms
  + Mail servers on Debian/Ubuntu using Postfix, pop3 secure, SMTP secure
* Created, configured and maintained servers of the following types:
  + AIX 4.3.3 (32 and 64 bit)
  + SuSE (various versions)
  + Debian/Ubuntu Servers (various versions)
  + Red Hat / Fedora / CentOS (various versions)
  + FreeBSD
* Installed upgrades and patches (both for bugs and security)
* Provided routine maintenance and shutdown/restart of all servers

Automation:

* Developed an automation framework for remediation of alerts and issues. Nagios alerts are fed in to the automation framework and playbooks run to resolve the issues. Includes mass server auditing, storing statistics and metrics, playbooks for various problems, and more.

Application and Technologies:

* Deep knowledge and understanding of many open-source applications and technologies including: OpenStack, Nagios, Graphite, MySQL, nginx, Apache.

Configuration Management:

* Experience with configuration management and related tools: Ansible, Puppet, Salt, Chef

Database Management:

* MySQL, PostgreSQL and Microsoft SQL Servers: planning and deployment database servers and databases themselves. Extensive knowledge of creating and maintaining databases, backups, recovery, replication (master-slave, master-master) and MySQL Cluster/NDB database clusters.
* Extensive knowledge of SQL language and developing complex SQL queries. I’ve written many SQL queries to generate reports and collect metrics. Knowledge, understanding and use of joins and subqueries.

Networking:

* Planned and oversaw vendor installation of network cabling
* Installed and configured all other network equipment

Scripting:

* Highly skilled in bash shell scripting on UNIX and Linux
* Created custom bash shell scripts for daily systems administration to maximize time available for dealing with other server and security issues

Security – Server and network:

* Secured UNIX and Linux systems
* Created and maintained firewalls using iptables for both perimeter and host protection
* Have held primary responsibility for network, server, and workstation security

Security - Data:

* Enterprise network backups of all servers using the following applications:
  + CommVault
  + Upstream
  + rsync
  + backintime
* Created, maintained, and tested enterprise disaster recovery plan
* Created virtualized Ubuntu Linux backup server, using custom bash shell scripts to enable cron scheduled rsync backups of Linux servers not covered by licensing as a cost saving measure
* Wrote and maintained custom backup solution for Oracle 8.1.7.4

Virtualization and Cloud:

* Implemented virtualization initiative in organization, and oversaw it to completion using the following applications:
  + VMWare (servers and guests)
  + Xen / XenCenter
  + VirtualBox
  + Vagrant
  + Puppet
  + Chef
  + Git
* Experience with OpenStack, AWS, and Azuresome LXC, and some KVM.

# Experience

RALPH LAUREN Lyndhurst, NJ

Linux System Administrator March 2017- Till Date

* Building Physical as well as Virtual (VMware) Servers.
* Mass Build of Linux OS servers using kick start /jumpstart automation application.
* Responsible for building a personal multi-node OpenStack cluster using a packsack called Cloud5 and RDO
* Designed and built highly available, private AWS clouds.
* Designed and built automated infrastructure using open source tools.
* Installation of Oracle 11g and Sybase open-client, Apache 2.x on Linux environment.
* Worked on Installation/Configuration/Administrated VMware ESXi 5.1/5.5 & 6.0 and migrated existing servers into VMware Infrastructure
* Deploy Redhat Enterprise/OEL Linux 5.x/6.x/6.8 using Kick start installations & implement Redhat 6.x/7 also Build and configured migrations of Linux (V2V, P2P and Lift and Shift on RHEL 6.x/7
* Performed installs, upgrades, patches, configuration, performance tuning on RedHat and system software and hardware.
* Setup Cassandra with Apache Solr and Setup Cassandra With Apache Spark
* Worked on DataCenter Migration Project. Migrated Linux/Unix Servers from one data center to other data center with minimal downtime.
* Programmed Jenkinsfile for Jenkins Pipeline to create fully functional development environments in Openshift on demand
* Managed Openshift PaaS in Google Cloud Platform and migrated existing AWS applications to the new containerized environment
* Wrote UNIX Shell, K-shell, Perl, bash and python scripts to perform admin tasks.
* Worked extensively with Network File System (NFS) for storage.
* Creating logical volumes, extending the filesystems using LVM.
* Set up user and group login ID's, printing parameters, network configuration, password, resolving permissions issues, user and group quota.
* Patch Management, Package Installation/Upgrades and Kernel upgrades
* Monitored System Activities like CPU, Memory, Disk and Swap space usage to avoid any performance issues.
* Production experience in large environments using configuration management tool Puppet supporting with 500+ servers and involved in developing manifests
* Setup Puppet master, client and wrote scripts to deploy applications on Dev, QA, production environment
* Deployed OEL 6/7 Servers and configured them for installation Oracle 12c database by installing the prerequisites. Performed scripted installation on Oracle 12c.
* Created continuous integration system using Ant, Jenkins, Puppet full automation, Continuous Integration, faster and flawless deployments
* Installed and administered GIT source code tool and ensured the reliability of the application as well as designed the branching strategies for GIT.
* Deployed and configured Git repositories with branching, forks, tagging, merge requests, and notifications
* Configuring multipath, adding SAN and creating physical volumes, volume groups, logical volumes.
* Powershell scripting for automation of backend processes, application deployment, version control etc
* Configured Ansible to manage AWS environments and automate the build process for core AMIs used by all application deployments including Autoscaling, and Cloudformation scripts.
* Implemented Puppet w/Foreman and Hiera and automated deployment using r10k and Jenkins.
* Rebuilt and Scaled Zabbix Monitoring Infrastructure to support over 1700 servers, with 1000 processed values per second. Including Active Agent types, also wrote Zabbix templates to handle SNMP as well as custom scripted monitors.
* Handling problems or requirements as per the ticket (Request Tracker) created.
* Managing disk storage with Veritas Volume Manager 4.1/5.0 and Solaris Volume Manager (SVM) with Veritas File System (VxFS).
* Configuration and administration of LDAP, NFS and NIS in Linux and also implemented Samba for sharing of resources between Linux and Windows environments.
* Writing shell scripts for Automated Back- ups and Cron Jobs.
* Installation and configuration of tomcat and Apache Web Server
* Monitored server and application performance & tuning via various stat commands (vmstat, nfsstat, iostat etc.) and tuned I/O, memory, etc.
* Maintained proper documentation of all the activities carried out during the project.
* Worked on Cloud automation using AWS Cloud Formation templates
* Automated the cloud deployments using chef, python and AWS Cloud Formation Templates.
* Implemented rapid-provisioning and life-cycle management for Ubuntu Linux using Amazon EC2, Chef, and custom Ruby/Bash scripts
* Developed Korn and Bash shell-scripts to automate routine activities and involved in running some SystemTap scripts.
* Worked on JIRA for tracking and updating the JIRA tickets
* Experience in SVN, Jira, and Jenkins. Responsible for creating the project space in confluence.
* Promoted collaboration with key external suppliers, vendors, partners, and customers by administering and supporting Microsoft SharePoint Collaboration Environment
* Modified SharePoint portal & site collection including: managing libraries, lists, forms, SQL, images and pages.
* Automated system management tasks like user account creation, file system size monitoring, monitor system resources and system maintenance using Shell and Perl scripts.
* Assisted development teams in the development process, by creating UNIX Make files, ANT build scripts and maintaining up to date dependency lists
* Written Perl/Shell scripts to automate monthly & weekly reports for internal auditing and user notification.

COSTCO Seattle, WA

Linux System Administrator Oct 2016 – Jan 2017

* Administered Linux servers Linux (RHEL /5/6/7), AIX
* Designed, advocated, and implemented the reorganization of the DevOps team to scale the organization. Drove adoption of new patterns and processes to support the new model.
* Mentored teammates in the use of **git** for version control.
* Refactored puppet manifests to reflect best practices. Wrote Puppet modules for Installing, configuring, and monitoring **DataStax** Enterprise and wrote python scripts to monitor a variety of services.
* Working knowledge of **security policies** and **regulations pertaining to information security.**
* Responsible for Patching Linux Servers. Installed removed and updated and querying packages using **RPM &YUM** in Red Hat Linux.
* Collaborated with the **EMC** and NetApp team for the storage requirements.
* Linux systems administration in a **3000+ node**, heterogeneous environment.
* Managed deployments across various IaaS providers: AWS, Azure, SoftLayer, Oracle Cloud
* Deployed Puppet, Puppet Dashboard, and **PuppetDB** for configuration management to existing infrastructure
* Implemented continuous delivery pipe line using Docker and Jenkins.
* Red Hat satellite server 5.5 administration including patching.
* Deployed LDAP for centralized authentication.
* Use of ServiceNow for incident management, change control and task management
* Redesigned and redeployed the Nagios implementation. Nodes automatically added/removed themselves via Puppet.
* Responsible for packaging all code into RPMs.
* Created and Implemented Systems Release and Change Management **ITIL** guidelines and procedures
* Manage the setup of MS SQL Server databases at Business Continuity site.
* Maintained highly available SQL Server databases using SQL Database Mirroring, log shipping, clustering Technology.
* Involved in monitoring the SQL Server Performance issues using third party tools like Diagnostic Manager and Performance Analysis.
* Track and monitor changes and projects through the ITIL Change Management lifecycle
* Coordinated Change Management by implementing policies and procedures in accordance with ITIL Change Management Guidelines
* Worked closely with Incident, Problem Management, Software and Network Engineers to incorporate the company and customer needs to reflect the new ITIL Guidelines
* Development of Puppet modules with **Hiera** and Jenkins for continue integration and continue deployment of managed products and related services.
* Deployment of cloud services on AWS, Google Cloud with Chef, Ansible and Docker
* Use of Foreman, Foreman API and Vagrant to lifecycle management of virtual servers in Non-Productionenvironments on VirtualBox and vSphere.
* Task automation, service management and application deployment using Bash scripting, Puppet moduleswith Hiera and Jenkins
* Writing scripts in PERL and SHELL to automate the process.
* Created Korn shell scripts to monitor system resources and system maintenance and Performed administrative tasks such as System start-up/shutdown, and Backup strategy and scheduled cron jobs for job automation.
* Installed and configured several hundred Red Hat Enterprise Linux in both Physical Blade utilizing Kickstart/PXE/**Red Hat Satellite Server** and VMware Vpshere.
* Create and configure LVM based EXT3 and OCFS2 based Cluster file systems on SAN LUNS utilizing Multipath to assist redundant path detection and increase I/O stability.
* Writing new security firewall scripts with iptables in SLES and RED HAT Linux servers, and managing TCP Wrappers.
* Maintaining up to date security patches and package management. Automating security kernel patches with backup and restore shell scripts, provided with user interactive menu.
* Creation of various user profiles and environment variables to ensure security.
* Server hardening and security configurations as per the client specifications.
* Configuration Installation of Red hat Linux 5/6/7 and Oracle Enterprise Linux by using Kick Start, Red Hat Satellite Server and customized bash/Perl scripts.

ROCHE GENENTECH San Francisco, CA

Linux System Administrator July 2014- Oct 2016

* Administered Linux servers Linux (RHEL /5/6/7), for several functions including managing Apache/Tomcat server, mail server, MySQL database, and firewalls in both development and production.
* Install and configure hardware and Linux software to all servers in the network per specifications of clients.
* Provided security consulting on complex issues related to data access and integrity in relation to server migrations
* Assisted customers in identifying security risks to their applications and implementing appropriate data security procedures and products.
* Working knowledge of **security policies** and **regulations pertaining to information security.**
* Leveraged tools like Bash and Perl to aide in automated data gathering critical to successful migration for individual **Line of Businesses (LOB).**
* Responsible for Patching Linux Servers. Installed removed and updated and querying packages using **RPM &YUM** in Red Hat Linux.
* Collaborated with the **EMC** and NetApp team for the storage requirements.
* Managing Red Hat Linux servers, **SAN Storage (EMC, Hitachi),** Virtualization (VMware, Red Hat enterprise virtualization preferred), and system security.
* Installing/configured EMC Storage with **0, 1& 5 RAID** configurations.
* Installing Veritas Volume Manager, VCS Cluster Server for failover and for mirroring and raid level configurations on EMC storage frames.
* Applied patches (using RPM and YUM) to fix the holes that were found during the quarterly scan basis using Nessus scan.
* Responsible for development of ITIL based enterprise problem management policies, processes, targeted communication approach and escalation strategy
* Promoted implementation of ITIL based non-functional Service Design requirements within RUP development
* Monitored the servers and Linux scripts regularly and performed troubleshooting steps tested and installed the latest software on server for end-users.
* Installed, configured and managed VMware infrastructure (ESXi, Virtual center) and involved in virtualization with VMware ESX VSphere 4.1 and created VM's and performed **P2V and P2P migrations.**
* Performance monitoring and tuning of the applications and OS using, sar, vmstat **Nagios**, **Chef** and **Puppet**
* Install and configure various services like DHCP, NFS, DNS, Apache Web Server, NIS, LDAP, Samba, SSH, FTP/SFTP, Send mail/SMTP/Postfix, Telnet, RPM Package Management, File System Management.
* Develop Linux shell scripts to accomplish redundant tasks to simplify in distributed administration.
* Monitoring with SQL Profiler to capture and save data about the event to a file or table to analyze.
* Setup NFS and Samba File sharing on Linux and Windows servers.
* Setup and Manage environment using **Puppet** Configuration Management tool.
* Configured kick start server and updating/applying patches to the servers using Red hat Satellite Server

WEIS MARKETS Sunbury, PA

Linux System Administrator May 2012- July 2014

* Created databases, administered tablespaces, tables, indexes and other database related objects.
* Deployment of war file on **Jboss web server**
* Installation and configuration of apache tomcat and jchem application.
* Monitoring backup using Backup Exac, regularly monitored Alert-log Files and trace files on the day-to-day basis.
* Managed and provided support to all UNIX servers and Red Hat Linux OS that runs Oracle databases, WebSphere, and NetBackup enterprise.
* Used **Data Pump for migration**, Remapping, SQL loader, import and export of database/schema/Tablespace.
* Pre-patching/post patching activities for Solaris 10 OS and live upgrade.
* Planning, installation, configuration, management and troubleshooting of Red Hat Enterprise Linux 5,6 and 7
* Work closely with software developers as needed to troubleshoot and resolve production outage
* Create mount points for database administrators for Oracle database install
* Implemented and maintained **Database security**. Created, Altered, Dropped Users as and when required and administer their respective quotas.
* Management of LVM and VERITAS based file system
* Implemented automation tools such as Puppet, Chef
* Creation and management of approved user accounts and groups, and created and managed documentation on the configuration and support of the Oracle databases
* Provide database administration on **production, testing** and **development database servers.**
* Manage file system utilization using **script scheduled as a cron job**
* Performed automation with simple shell scripting
* Maintain file system and host security using **chmod, chown, chgrp, immutable bit, iptables and tcp wrappers**
* Perform software package installation, upgrades and updates using yum and RPM commands and manage filesystems using fdisk and LVM
* Installation, configuration and management of Apache web servers and tomcat servers for developers.

AKEBONO SOFT TECHNOLOGIE PVT LTD Hyderabad, India

Linux System Administrator April 2011- Mar 2012

* Responsible for installing, configuring, and maintaining Linux servers including web servers, mail servers, application servers and database servers.
* Also responsible for optimizing system performance and protecting the company from risk and data loss; performing software installations and upgrades to Linux systems and maintaining them in accordance with established policies, procedures and service level agreements.
* Improve response time to technical issues by **23 percent.**
* Improve system performance by working with the development team to analyze, identify and resolve issues quickly.
* Ensure data recoverability by implementing system and application level backups.
* Reduce **security breaches** by **3 percent** through detailed risk assessments, implementing solutions and authoring new security standards.
* Set up and maintain Net Screen-Security Manager.
* Author and modify scripts for application deployment as well as system monitoring.
* Develop and conduct network training for employees that reduced help desk calls by **15 percent.**
* Automate administration tasks through use of scripting.

CEREBUM SOFTWARE SOLUTIONS PVT LTD Hyderabad, India

Linux System Administrator July 2009- Mar 2011

* System administration support involving server build, installation, configuration and implementation on Linux(Red Hat &SuSE) and Solaris/AIX servers
* Allocating necessary space requirements for oracle database.
* Installing, configuring and administering DNS, DHCP, TCP/IP, FTP, SFTP, VPN and NIS.
* Installing and supporting SQL server and Oracle database.
* Providing day-to-day user administration like adding or deleting users, password aging.
* Regular disk management like adding/replacing hot swappable drives on existing servers/workstations, partitioning according to requirements, creating new file systems or growing existing one over the hard drives and managing file systems in SAN switch.
* Creating and resolving user's access issues (Role access, FTP etc.).
* Creating Oracle case and **coordinating with hardware & application team** to resolve the system hardware issues and break-fix.
* Monitoring the ticket queue all the time, working on the tickets and resolving them within the time frame.
* Handling **system dependencies and binary file management**.
* Creating log and inform the higher management to inform the unplanned server outages and planned change activities.
* Updating shift handover with all the problems occurred in the shift and open issues. Dialed in to conference calls and resolve the production issues ASAP.
* Installation and configuration of VERITAS, VERITAS Net Backup and performing backup using VNB**, OS Mirroring** and OS replication.
* Regular disk management like adding of new disk to disk group, giving the space to existing groups, deleting volume and increasing the file system in Veritas Volume Manager.
* Worked in production & application **support 24/7** in NAS, EMC SAN Storage on Linux Environment.

AVIGHNA IT SOLUTIONS Hyderabad, India

IT Specialist April 2008 – June2009

* Responsible for day-to- day system administration task on SUN SOLARIS 8/9, RHEL 4/5 and Windows2X Servers.
* Build the SUN Servers i.e. Sun E4500, Fire V210, Fire V120, Blade 2000, Netra T1 for Solarisoperating system and configured the A1000 and D1000 Storage.
* Planning the installation of Solaris 10 on Sun Blade, SUN ultra machines.
* Setting up and configuring Install Server, Configuration Server and Boot Server for Kick Startprocess &amp; performed Kickstart to install OS on Several workstations
* Performed setting up Configuration Server and Boot Server for Jumpstart process and using tape-Recovery for file system recovery.
* Deployed Solaris 8/9 on an Ultra 10 system for NIS, DNS, and DHCP.
* Provided Solaris administration on Sun UltraSparc Enterprise servers, including VERITAS ClusterServer (VCS) and VERITAS Volume Manager.
* Install and configure VERITAS NetBackup versions 5x and 6x client on all server installation andserver builds. VERITAS Cluster Server and VERITAS NetBackup maintenance.
* Managing Solaris systems running VERITAS Cluster 3.1 and Set Up maintenance of DNS.
* NFS Management – Setting up of NFS Server and Environment.
* Installation of Tomcat with JBoss Application &lamp; done load balancing with monitoring tools likeBMC Patrol and Site scope.
* Efficiently managed Disk and File system through VERITAS Volume Manager (VXVM), LogicalVolume Manager (LVM).
* Multiple installations, configurations, and testing using VMware vCenter Site Recovery Manager.
* Prepared test environments and managed configurations for multiple servers and databases inVMware.
* Administration and configuration of qmail mail server, PDC and FTP Server.
* Set up Quotas for the user accounts &amp; limiting the disk space usage.
* Administration/Configuration of Linux/windows print server/client in network.
* Worked on system performance and tuning: mpstat- for multiprocessor usage, vmstat- for systemactivity and hardware analysis information.
* Configured IIS on Windows 2000 and 2003 Server for Intranet and Internet hosting.
* Administer backup and restore with Symantec Backup Exec 11d and Commvault. (Exchange backups, file servers)
* Managed new Windows server installation and assist in initial installation/setup.
* Active Directory 2003/2008 upgrade and administration.
* Troubleshooting email helpdesk calls on Qmail mail Server.
* Monitoring connectivity off all LAN attached to the divisional named server, including all TCP/IP,
* Switches, NIS/NIS+, Telnet, FTP connection to over 200 plus workstation throughout the DIVISIONusing various gateways and Routers.
* Troubleshooting **system, network and user issues.**
* Created and maintained user's accounts, profiles, security, rights disk space and process monitoring.
* Installed recommended **patches on Linux servers** and applications to help improve performance.
* Maintained inventory levels of equipment and software and currency of software licenses.
* Worked to troubleshoot laptop issues.
* Remotely connect to customers' workstations for further troubleshooting if necessary using remote desktop connection and TeamViewer.

**Environment:** Solaris 8/9, Windows 2000/2003, RHEL 4/5, SUN Enterprise Servers SUN FIRE E4500 and E3500, SUN SPARC / VERITAS Volume Manager 4.x with DLT, Shell scripting, VMware, SENDMAIL Protocol, QMAIL, Tomcat with JBoss, Unix/Windows Workstation.