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SR. UNIX/LINUX ADMINISTRATOR

ACCOMPLISHMENTS

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PROFESSIONAL SUMMARY

9+ years of experience specialized in UNIX System Administration working on server-based operating system; kernel configurations on Red hat Linux, Cent OS, SUSE, Debian8.3, Ubuntu 15.10 and Solaris 11.3 (32 bit & 64bit) Networking, kernel Parameter & Tuning, Trouble Shooting System & Performance Issues, Package Management and Patch Management. *Extensive experience in installation, configuration and administration of, Redhat 7.2/6.7/5.11, Solaris11/10/9/8/7, IBM AIX 7.2/7.1/6.1/6 *Extensive implementation and troubleshooting experience under Client Server Systems.

- Configured Kickstart servers for complete hands-free installation of workstations, with custom profiles, begin/finish scripts and custom package suites/clusters.
- Experience on installation of Web Sphere application.
- Experience on installation of VMware ESX, ESXI migration of vm's from one host to another host, migration of vm's from one data storage to another data storage, patch management.
- Working experience on Windows Active Directory and LDAP.
- Install and manage security reporting tools used to monitor changes to the Active Directory.
- Creating and routing of tickets related to Active Directory issues Management of Puppet automation tool including installation of puppet agent on client server.
- Integration of various network related services like NFS, NIS, and DNS.
- Installation and configuration of Apache, Tomcat / Web logic on Linux.Database Installation includes Oracle, SQL, and MYSQL.
- Monitor Disk space and space as needed in LVM.Setup and administration of VERITAS Volume Manager and HA Clusters.
- Troubleshooting skills with network protocols such as DNS, TCP/IP, SMTP, and SNMP.
- Hands on experience with ticketing tools such as Remedy and Quick base.
- Experienced in installation of Operating Systems, Packages and Patches, adding Peripheral, maintaining user accounts, System Security, backup/recovery, performance tuning, troubleshooting at various levels.

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SKILLS

Operating Systems

- RHEL 4.x, 5.x, 6.x, , SUSE, Debian, CentOS, IBM-AIX, Sun Solaris and HP-UX, Windows - NT/2000/2003/2007 Server/XP Pro/Vista/7

Hardware

- DELL(Power Edge), HP (ProLiant G7&G8), IBM Blade Centre, Sun-Fire X-series and T-series Enterprise Servers

Tools

- WebLogic 10.x/9.x/8.x, WebSphere, Apache HTTP/ Tomcat/Jboss, VERITA Volume Manager, VERITAS Net backup, Cluster server 3.5 &4.1, Sun Cluster 2.x & 3.x, Nagios, Splunk, Web Methods, Saltstack, Chef, Ansible, Cloud stack, VMware.

Languages

- Shell scripting, Bash, Perl, C, C++, JAVA

Networking

- TCP/IP, NIS, NFS, DNS, DHCP, LAN, FTP/TFTP, SSH, SFTP, ARP

RDBMS

- ORACLE, MySQL, PostgreSQL, MongoDB and MS SQL Server

Storage

- LVM, SCSI, SATA, Ext 2, Ext 3, Ext 4, OCFS2 and NAS(NFS, SAMBA, RAID 0/1/5) and SAN(iSCSI, FibreChannel) Net App filters

WORK HISTORY

Sr. Unix/Linux Administrator, 10/2014 to 06/2016

JP Morgan Chase – Newark, DE

Project Description: The project team is responsible for providing administration for business critical Markets Business on a daily basis. The admin team provides technical expertise and system architecture recommendations suitable for all Unix/Linux projects. The team offers advanced SA subject matter expertise to the Markets Business & support groups that include troubleshooting, performance analysis and sizing recommendations and problem resolution. Partner with global Unix Support SMEs and application architect and key decision makers across the MSST Infrastructure and application teams.

- Installation & Configurations of Red Hat Enterprise Linux, Fedora Linux and CentOS, Maintenance & System Administration.
- Build new Virtual machine and physical server IP bonding for load balancing and fail over, Firewall, SELINUX Managing the VMWare ESX and ESXi server 5.5, 5.1, 4.0.0 and 3.5.0 based on requirement.
- Installing and Managing Virtual Center 5.5.
- Upgrading from VMWare ESX server from 3.5.0, 4.0.0, and 5.0 in environment.
- Developed Splunk infrastructure and related solutions as per automation toolsets.
- Installed, tested and deployed monitoring solutions with Splunk services.
- Maintained and managed assigned systems, Splunk related issues and administrators.
- Managing package install/upgrades using YUM and RPM.
- Worked with OpenStack Services like Horizon, Nova, Swift, Cinder, Neutron, Keystone, Heat and Glance.
- Create and managed OpenStack instances, flavors, networks, and attaching volumes using Horizon and CLI.
- Implemented and maintained services running on Linux and server platforms deployed in AWS EC2 and OpenStack based private cloud.
- Performed data migration across multiple UNIX/Linux (RHEL/OEL/Solaris/HPUX) servers, and Windows Servers.
- Deployed Puppet agent, Puppet Dashboard, and Puppet DB for configuration management to existing infrastructure.
- Installed and configured Linux/Unix and Windows operating systems on VMware server.
- Worked with KVM and VMware.
- Configured LDAP Server and LDAP Client on Linux machines for authorization and authentication.
- Worked with TCP/IP network configuration.
- Working experience on Windows Active Directory and LDAP.
- Install and manage security reporting tools used to monitor changes to the Active Directory.
- Creating and routing of tickets related to Active Directory issues Administered and Configured Logical Volume Manager which involved create and modify file system, logical volume, Physical volume, Volume groups, mirroring and un-mirroring of volume groups, hot spare physical volume.

- Prepared Windows/Unix security standard preparation document and system check procedures to keep the systems secured & updated.
- Backend Solution, Day to day sys Admin & Monitoring, File sys mgmt.& disk mgmt., Wrote UNIX shell scripts for automated installations, to extract logs using Bash, and Python.
- Experience with ticketing tool such as Remedy.
- Responsible for maintaining security on all UNIX system for regulatory compliance.
- Implementation and troubleshooting of network services like NFS, FTP, NTP, Telnet, SSH.
- Taking Snapshots in the environment.
- Creating templates as per various business requirements.
- Provided customer support, help/troubleshoot users to resolve server, network, and other system wide problems.

Environment: Red Hat Enterprise Linux, Solaris, CentOS, AWS, OpenStack, Puppet, VMware, KVM, Shell-Scripting, LDAP, LVM0.

Sr. Linux/Unix Administrator, 01/2012 to 08/2014

Bluecross Blueshield – Durham, NC

Project: Single Login - BCBSNC Accessibility Project Description:

This is a web portal designed for internal users to help customers chose the least expensive drug coverage option and protect against higher costs in the future. The project is to develop Primary Login, Prescription Login, Revenue Login, Pricing Modals on Generic Drugs, Rebranded Page, Core3 Pages.

Responsibilities:

- Installed and upgraded packages and patches on RHEL 5.x, 6.2 and 6.5 servers using RPM, YUM and third party software applications.
- Worked on daily work orders which included configuration of file systems using LVM and Multipathing.
- Installation of Database servers and user's management such as Oracle, MYSQL, SQL Server.
- Implementation and maintenance of DHCP, NFS, NIS, DNS Mailing List, Sendmail, FTP and Apache SMTP.
- Implemented Bash, Perl, Python scripting, to automate day to day job tasks.
- Updating patches to keep servers updated against bugs present in the operating system using Red Hat Satellite Server, yum, etc.
- Worked on variety of Linux platforms Red Hat Linux, Solaris, Salt which includes installation, Configuring and maintenance of applications on this environment.
- Involved in installation and configuration of various Third party software onto servers.
- Installed, configured and provided support for Tivoli Monitoring software across various OS platforms like RHEL, AIX and Solaris.
- Installed packages using YUM and Red Hat Package Manager (RPM) on various servers.
- Worked with Red Hat Satellite Server which is used to push changes across various servers simultaneously.
- Migrated to Red hat satellite server 6 version.
- Performed combines multi-node software deployment, ad hoc task execution, and configuration management using Ansible.
- Troubleshooting network administration, IIS configuration, DNS setup and modifications, firewall rule.
- Responsible for independent support of Tier 2 issues: reboots, start/stop services, reset Terminal Experience with supporting and maintaining F5 BIGF IP load balancers.
- Performed application installation and management on IBM AIX and Linux servers for applications like.
- Worked exclusively on VMware virtual environment.
- Experience in using VMware vMotion to move VM's from One Datacenter to another datacenter.
- Upgraded vSphere 4.x to vSphere 5.x including vCenter Server, hosts, Update Manager Installed & configured Windows 2008 R2 with Active Directory service Installing, configuring, administering and troubleshooting VMs on vSphere 4.x and 5.x platform Installed and managed Symantec Endpoint protection software on servers and clients.

Environment: Red Hat Enterprise Linux 4.x/5.x/6.1, Ansible, Solaris 8/ 9/10, Tivoli Storage Manager, VMware 5.x, 4.x, Tivoli Net backup, Windows 2012 servers, Open Stack.

Linux system Administrator, 03/2010 to 12/2012

State Farm Insurance – Bloomington, IL

State Farm is a group of insurance and financial services companies in the United States. The group's main business is State Farm Mutual Automobile Insurance Company, a mutual insurance firm that also owns the other State Farm companies. The corporate headquarters are in Bloomington, Illinois.

- Responsibilities Supported Linux servers in production/QA/ Development Environment.
- Launching Amazon EC2 Cloud Instances using Amazon Images (Linux/ Ubuntu).
- Supported 200+ AWS cloud instances running Ubuntu, Redhat and Windows environments.
- Experienced on patches installation, patch upgrades and packages installation on Red Hat Linux servers by using

- Management and configuration of VMWare virtual machines running Oracle/Sun Solaris X86/64, Red Hat Enterprise Linux and Oracle Linux server.
- Worked on VMware and vSphere 4.0.
- Dealt with ESX, ESXi servers.
- Installed ESXi 4.1 Hypervisor on HP Servers.
- Shell and Perl scripts to automate daily repetitive activities.
- Developed Unix Shell scripts for regular and periodic jobs and also for system admin jobs.
- Wrote Python scripts to monitor a variety of admin services.
- Installing, configuring and maintaining apache, samba, Web Sphere & Web Logic Application Servers.
- Proficient in installation, configuration and maintenance of applications like Apache, LDAP, PHP.
- Manage users accounts for the team access for Redhat Statellite server.
- Build Channels and pull packages from master Redhat Statellite server.
- Installed and configured various operating systems like HP-UX, CentOS.
- Installation of systems using Jumpstart for Sun Servers and Kickstart for RHEL on HP HW.
- Configure, support and perform routine maintenance of hardware and software for Linux servers.
- Involved in Hardware and software evaluation, recommendation and vendor management.
- Regularly applying patches for Redhat Linux, Sun and HP systems.
- Extensively worked with Business, Application, Database, Network and SAN Team for project requirement.
- Plan, document, review and maintain system administration guidelines and policies.
- Ensure Data Center operation meets required service levels.
- 24x7 support for the UNIX servers.
- Rotating on call pager responsibilities for Production environment.
- Provided customer support, help/troubleshoot users to resolve server, network, and other system wide problems.

Environment: Red Hat Enterprise Linux, HP-UX, CentOS AWS EC2, VMWare and VSphere, Shell scripting, Apache, samba, LDAP, Web Sphere& Web Logic Application Servers, Unix Workstations.

LINUX Administrator, 10/2007 to 02/2010

Gray Matrix – Mumbai, India

- Installing, tuning, troubleshooting and patching of Red Hat Enterprise Linux servers.
 - Installation and configuration of WebLogic and WebSphere application server.
 - Installation, configuration, and maintenance of web servers, application servers, and database servers on Linux Servers.
 - Scheduled various regular, periodic, future and queue tasks by using crontab.
 - NFS management - take care of user accounts/groups, setting up of NFS environment.
 - Transferring files from one system to other using FTP and SFTP.
 - Monitoring server performance and troubleshooting server related problems to SNMP.
 - Processes administration and management like monitoring, start/stop/kill various processes/sub processes.
 - Monitor system performance parameters using iostat, vmstat, and fine-tuning.
 - Systems administration, maintenance, and monitoring various day-to-day operations.
 - Creating and maintaining user accounts, profiles, and security rights.
 - Installation/upgrade, system startup, and system shutdown as needed.
 - Wrote simple bash scripts to ping the servers and add users to the boxes.
 - Resolved system errors and crashes, disk space problems, huge file sizes, and file system full errors.
 - Performed OS upgrades and Patch loading as and when required.
 - Backing up and restoring files across the network Wrote Technical documentation for various projects and worked with Technical writer to finalize the documents.
 - Troubleshooting Backup and Restore problems Creation of LVMs on SAN using Linux utilities Monitored overall system performance, performed user management, system updates and disk & storage management
- Environment: Red Hat Enterprise Linux, Shell Scripting, Apache, WebLogic, WebSphere.

EDUCATION

Bachelor's: Mechanical Engineering,
Jawaharlal Nehru Technological University -
Mechanical Engineering

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Resume Overview

Companies Worked For:

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Bluecross Blueshield
State Farm Insurance
Gray Matrix

School Attended

Jawaharlal Nehru Technological University

Job Titles Held:

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Linux system Administrator
LINUX Administrator

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