

RAJEEV KUMAR

LINUX SERVER ADMINISTRATOR

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Professional Summary

8+ years of experience specialized in LINUX System Administration working on server-based operating system; kernel configurations on Red hat Linux, Cent OS, SUSE and Ubuntu 16.04 Networking, kernel Parameter & Tuning, Trouble Shooting System & Performance Issues, Package Management and Patch Management. *Extensive experience in installation, configuration and administration of, Redhat 7.4/6.7 *Extensive implementation and troubleshooting experience under Client Server Systems.

- DevOps.
- Automation with bash, shell and Jenkins tool.
- Cloud Computing like AWS, GCP, DO and Azure.
- Linux OS/Lamp Hardening.
- Linux OS Patching.
- Good Knowledge of Shell Scripting/Bash.
- Installing and configuration of Centralized Rsyslog server.
- User login enabled with secure/private key and google authenticator.
- Good Knowledge of Ansible Ad-hoc commands.
- 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 RHEV Host & RHEVM, RHEV 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.
- Integration of various network related services like NFS.
- Installation and configuration of Apache, Tomcat / Web logic on Linux. Database Installation includes PostgreSQL and MYSQL.
- Monitor Disk space and space as needed in LVM.
- Setup and administration of PACEMAKER HA Clusters.
- Troubleshooting skills with network protocols such as DNS, TCP/IP, Firewall and SMTP.
- Packet trace with tcpdump.
- Hands on experience with ticketing tools such as CA 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.
- Management of User accounts, System security, kernel performance monitoring and tuning.
- Basic knowledge of networking devices such as Polalto/Cyberoam firewall.
- Configuration management for Web /Application Server Tomcat and Apache.
- Willingness to work on flexible hours for production, backup and on-call support for 24/7 environments.
- Good knowledge of PHP programming language.

Skills

Operating Systems

- RHEL 6.x,7.x , SUSE, Debian, CentOS, Windows - NT/2000/2003/2007 Server/XP Pro/Vista/7

Hardware

- DELL(Power Edge), HP (ProLiant G7&G8), IBM Blade Centre

Tools

- Apache HTTP/ Tomcat/Jboss, PACEMAKER HA Cluster, Nagios, Ansible, RHEV-M.

Languages

- Shell scripting, Bash, C, C++, PHP

Networking

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

RDBMS

- MySQL, PostgreSQL and MS SQL Server

Storage

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

Work History

Sr. System Administrator. 8/2019 to Till Time.
Classic Informatics Pvt Ltd. – Chandigarh, India

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 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 Linux Support SMEs and application architect and key decision makers across the IT Infrastructure and application teams.

- Managing 700 Linux Servers.
- Updating patches to keep servers updated against bugs present in the operating system using Red Hat Satellite Server, yum, etc.
- 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 RHEV-M based on requirement.
- Patching through RHEL satellite 6.3.
- Managing package install/upgrades using YUM and RPM.
- Performed data migration across multiple UNIX/Linux (RHEL/OEL/Solaris/HPUX) servers, and Windows Servers.
- 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.
- Performed upgrade on Red hat Linux whenever required.
- Performed hardware and software installations, upgrades, and maintenance, patch administration, kernel modification/upgrades, file system management, performance and security analysis, and network configuration/tuning.
- 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 CA.
- Responsible for maintaining security on all Linux 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.
- Change management through ANSIBLE.
- Maintain DC & DR.
- User management in Linux.
- ACL Management.
- Management file system with LVM.

Environment: Red Hat Enterprise Linux, CentOS, AWS, Ansible, Shell-Scripting, LDAP, LVM.

Linux Engineer, 11/2018 to 05/2019
IAccess Solutions Pvt Ltd. – Gurgaon, India

Responsibilities:

- Installed and upgraded packages and patches on RHEL 6 and 7 servers using YUM.
- 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 MYSQL, PostgreSQL.

- Implementation and maintenance of DHCP, NFS, NIS, DNS Mailing List, Sendmail, FTP and Apache SMTP.
- Implemented Bash 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 installation, Configuring and maintenance of applications on this environment.
- Involved in installation and configuration of various Third party software onto servers.
- 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.
- 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.
- Performed application installation and management on 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.
- Implemented and maintained services running on Linux and server platforms deployed in AWS EC2.
- Installation and configuration EC2/RDS/DNS on AWS.
- Installing and Managing RHEV Virtual Center 4.2.
- Worked with KVM and VMware.
- Installed and configured Linux/Unix and Windows operating systems on RHEV-M.
- HTTPD/APACHE server management.
- ACL File control.

Environment: Red Hat Enterprise Linux 6,7, Ansible, PHP, Apache, RHEV-M, KVM,

System Assistant, 06/2017 to 10/2018

Access Infotech Pvt Ltd. – Chandigarh, India

Responsibilities:

- Launching Amazon EC2 Cloud Instances using Amazon Images (Linux/ Ubuntu).
- Supported 200+ AWS cloud instances running Ubuntu and Redhat.
- Experienced on patches installation, patch upgrades and packages installation on Red Hat Linux servers by using RPM & YUM.
- Shell and Perl scripts to automate daily repetitive activities.
- Programming & Development on PHP.
- Developed Unix Shell scripts for regular and periodic jobs and also for system admin jobs.
- Proficient in installation, configuration and maintenance of applications like Apache,PHP.
- Configure, support and perform routine maintenance of hardware and software for Linux servers.
- Regularly applying patches for Redhat Linux 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 Linux servers.
- Provided customer support, help/troubleshoot users to resolve server, network, and other system wide problems.

Environment: Red Hat Enterprise Linux, CentOS, AWS, Shell scripting, Apache, PHP.

System Assistant, 05/2015 to 05/2017

HCL – Chandigarh, India

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Environment: Red Hat Enterprise Linux, CentOS, AWS, Shell scripting, Apache, PHP.

Desktop Support L2, 08/2013 to 04/2015

WIPRO – Chandigarh, India

- Installing, tuning, troubleshooting Windows.
- Installing, tuning, troubleshooting Networking.
- Installing, tuning, troubleshooting Outlook.
- Installing, tuning, troubleshooting Ms Office.
- Installing, tuning, troubleshooting MS Excel.
- Installing, tuning, troubleshooting Desktop Hardware.
- Installing, tuning, troubleshooting Linux 5,6.
- Installing, tuning, troubleshooting Windows Active Directory.
- User maintain with Active Directory.

Education

Bachelor's: B.Sc IT, **Lovely Professional University.** – Jalandhar.