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 Summary :

# Redhat certified system administrator (Certificate number:170-091-607).

# Experience in Installing, upgrading and configuring RedHat Linux 6.x, 7.x SUSE 11,12 using Kick start and Interactive Installation.

# Implemented kickstart/PXE boot servers that reside in different locations.

# Patched Linux and Solaris servers and troubleshot issues during patching.

# Worked as a primary point of contact from UNIX for all the issues related to backups for all the servers in the environment which includes 13000 servers both virtual and physical.

# Worked as a primary point of contact from UNIX for all the issues related to backups on all the servers in the environment, which include 13000 physical and virtual machines.

# Achieved 98% success in backing up all the servers in the environment.

# Expertise in troubleshooting interface configuration issues, which involves issues on interface at OS level, physical NIC and, improper VLAN settings.

# Expertise in troubleshooting CPU, memory and disk space usage.

# Experience in creating and extending filesystems in LVM and VxVM.

# Ability to work with firewall and Network teams to troubleshoot issues at application level.

# Involved in scripting startup scripts that are used in bringing up the services required at OS level.

# Troubleshooting issues with VxVM and LVM filesystems.

# Installed configured and updated Linux servers with Redhat 6,7 and SUSE 10,11,12.

# Built servers with veritas volume manager and veritas cluster services.

# Live migrated Solaris logical domains.

# Configured LDAP clients on Redhat Linux servers.

# Configured and maintained web servers.

# Migrated virtual machines on VMWare.

# Placed several configuration files required at OS level using chef configuration management tool.

# Involved in administration and setup of high availability clusters on Linux using VCS 6.2.

# Performed failovers of service groups on servers with VCS installed on them.

# Provided support for installations.

# Involved in troubleshooting issues observed in application due to Network level issues.

# Experience working with Hitachi, EMC and IBM storage .

# Professional Experience :

## Linux/Unix system Administrator | IBM | April 2016 -Till Date

Responsibilities:

* Administration of RHEL 6, 7 SUSE 11,12 , Solaris 10,11 which includes installation, testing, tuning, upgrading and loading patches, troubleshooting both physical and virtual server issues.
* Performance tuning of Virtual Memory, CPU, system usage in Linux and Solaris servers.
* Performing configuration of standard Linux and network protocols, such as DHCP, DNS, LDAP, NFS and, HTTP and others.
* Working as a primary point of contact from UNIX team to troubleshoot issues occurring at OS level while backing up a UNIX/Linux/Solaris servers.
* Working as a primary point of contact for performing restoration of data from tapes upon customer request.
* Installing, configuring Veritas Netback up 7.6 on Linux, Solaris servers, creating backup polices.
* Creating and extending filesystems on Redhat , SUSE and Solaris servers.
* Recreating filesystems when errors are observed on disks to avoid downtime on application side.
* Migrating production virtual machines based on customer requests.
* Created file systems on LUNs from SAN environments, which included EMC Symmetrix.
* Worked on VxFS and VxVM on Linux and Solaris machines.
* Modifying bash shell scripts on servers to match with the post migration environments.
* Configured NIC Bonding’s on Solaris for redundancy of network interfaces.
* Troubleshooting and fixing routing issues between servers that reside on different network.
* Troubleshooting and fixing RSYNC issues between different region servers.
* Troubleshooting EXT-3 and I/O errors on filesystems
* Troubleshooting issues occurring on network interfaces.
* Troubleshooting and fixing issues on servers that are down due to filesystem inconsistency.
* Troubleshooting issues occurring during failover of service groups on a VCS cluster.
* Installing Tanium Client of Linux servers.
* Performing live migration of Solaris Ldoms from one control Domain to other.
* Configured and monitored NFS environment.
* Capturing traffic on network interfaces using tcpdump and snoop allowing Networking team to analyze packets to troubleshoot network issues.
* Configured PXE boot server and installed OS on servers through it.
* Configured puppet of virtual machines.

Environment : 13000 servers which include SUSE , Redhat ,Solaris servers ,LVM ,VxVM ,VxFS filesystems ,VCS for high availability , Netbackup , Samba ,NFS ,SAN ,LDAP

Independent Works:

* Configured PXE boot server and installed OS on a virtual machine.
* Configured chef server and workstation and installed Apache web server on a virtual machine.
* Created text user interface through bash scripting that does the same work as cat command in Linux, this helps in displaying files for a person with non UNIX background .This can be used for audit meetings where people from all backgrounds can just run the script and display the files.
* Created Apache server and configured a virtual machine by exporting the kickstart file through this web server.
* Configured iscsi disks and setup a two node VCS cluster and created filesystems at VCS level.
* Created a script for authentication using python.

**TECHNICAL SKILLS:**

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| **Operating Systems Experience** | Red hat Linux 6.x, 7, Solaris 9,10,11, SuSE Linux 10,11,12 vSphere 4.0,5.0, CentOS 6, 7 |
| **Certification** | RHEL 7 ;Certification Number: 170-091-607 |
| **Network Services** | SMTP, SNMP, DHCP, NFS, DNS, FTP/TFTP, ARP/RARP, SSH, TCP/IP, NTP, TELNET. |
| **Scripting** | Bash shell scripting |
| **Configuration management tools** | Chef |
| **Storage and Networking Technologies** | IBM , EMC, SAN |
| **Server & File monitoring tools** | BMC Remedy, BMC Patrol, Citrix, NetcoolSwatch, Filemon, Regmon, Whowatch |

# Education Summary:

# Master’s in Computer Engineering : (August 2014 - December 2015)

# University of Houston Clear Lake.

# Bachelor’s in Electronics and communication Engineering: (October 2010 – April 2014)

# Jawaharlal Nehru Technological University, Hyderabad, India.