**Salman Ahmed**

Sr. Systems Administrator

A Linux/Unix Technical Infrastructure Engineer/Admin with over 8+ years’ experience. Managed multiple flavors of UNIX systems over the years, and currently managing an environment that consists of RHEL, DevOps, Windows, VMware Servers.

**WORK SUMMARY**

* Over 8+ years of experience and extensive knowledge in Linux Engineering/Administration under heterogeneous environments consisting of Red Hat Linux versions 5.x, 6.x, 7.x, KVM, CentOS Linux versions 5.x & 6.x, Suse Linux, HP UX, Windows 2003/2008 R2/2012, VMWare 4.x, 5.x, 6.x.
* Extensive experience in installation, configuration, maintenance, Administration, implementation, and support on Linux, DevOps Environment.
* Experience working with DNS/DHCP/LDAP/NFS/NIS/NIS+, BIND, Send mail SNMP, TFTP, Iptables services.
* Proficient in building and managing configuration management frameworks such as Ansible, Puppet.
* Experience working in a Cloud based environment including Amazon Web services (AWS)
* Design, investigation and implementation of public facing websites on Amazon Web Services (AWS)
* Creating and maintaining user accounts, profiles, security, SOC, disk space, and process monitoring
* Patching different software using Redhat package manager and YUM and installed certain RPM packages.
* Experience in installing and configuring Redhat Linux servers using kickstart and pxe boot.
* Installation and configuration of web hosting administration such as FTP, SSH, Telnet, and HTTP
* Installation of kernel level patches and software packages on Linux and AIX.
* Strong knowledge of system performance and monitoring tools like netstat, vmstat, iostat, prstat, sar, etc.
* Installing, configuring, and maintaining Apache, Samba, Web logic and Web sphere application servers and, Oracle, SQL and Sybase database technologies. Implemented automated server provisioning using Ansible and puppet.
* Knowledge on cloud computing software platform like Openstack. Profound experience providing Web application support.
* Skilled with WebSphere, Tomcat and Apache Web & Application Servers.
* Proficient in UNIX shell programming, patches installation and trouble shoot the cause of failure and monitoring of logs on UNIX systems.
* Administration on Volume Management: Linux LVM, SVM.
* Installation Configuration & Administration of VERITAS Volume Manager, VERITAS Cluster Server 5.0, VxFS.
* Managed Red Hat Linux Satellite Server. Administration on clusters: Veritas Cluster VCS and Linux cluster
* Experience in PERL, Shell and PYTHON Scripting, powershell, powercli.
* Extensive experience in Advance installation techniques like Kickstart/Jumpstart
* Installation and configuration of Solaris Zones and ability to work with ZFS/SMF/POOLS.
* Experience in SUDO administration, creation of Volume groups, logical volumes, file systems, troubleshooting file system mounting problems, Implementing RAID levels, user account management and SSH Implementation
* Performing Linux OS Installation, migration, up-gradation and maintenance, from Operating System implementation to application & database implementation, take centralized backups & restore them, applying APAR fixes, patches and service packs and Linux RPM patches.
* Experience in Cloud and power Virtualization. Experience with version control tools such as GIT, Subversion, TFS
* Implemented CI/CD automation process using various tools like Jenkins, Chef, and Puppet to ensure shortened deployment cycles
* Proven Ability with Containerization tools such as Docker, Kubernetes.
* Extensive experience with logging and monitoring tools like Nagios, ELK Stack, Zabbix, New Relic
* Strong experience in deploying the applications in Web Servers like Apache Tomcat, JBOSS, Node.js, and WebLogic
* Experience of database administration with MySQL, Cassandra, DynamoDB, MongoDB
* Proficiency in scripting languages like Perl, Ruby, Python, and PowerShell
* Experience working with AWS provided Solutions like EC2, ELB, VPC, Route 53, RDS, S3, IAM, and Cloud Watch
* Have knowledge on Installation and configuration of File server, Print Server, Application server, Mail Server, Remote server, DHCP & DNS.
* Having good knowledge on F5 Load balancing.
* Experience providing system administration support for enterprise business applications including financial, engineering, web applications. These include Oracle, DB2, SAP, People soft, Web logic, Web sphere, and Apache.
* Deploy, manage, and troubleshoot VMware VSphere 4.x,5.x,6.x VMware View, VMware vCloud Director, VMware SRM.
* Experience with different hardware such as HP, Cisco UCS, DELL, EMC, Netapp, Cisco Switches.
* Design roles and groups for users and resources using AWS Identity Access Management (IAM).
* Extensive knowledge in advance features of ESX VMotion, storage vmotion, HA, FT, DRS and P2V MIGRATION using VMware Converter.
* Creating and configuring Load Balancers and Updating SSL certificates for load balancers.
* Experience P2V, V2V datacenter migrations using VMware standalone converter.
* Experience in working on Heavy Operations based environment and delivering 24/7 support as required by the client.
* Design roles and groups for users and resources using AWS Identity Access Management (IAM).
* Experience in creating VMware Command Line scripts to manage clusters and perform various tasks such as VMotion.
* Worked on multiple ticketing tools like HP Service Manager, BMC Remedy and SM9.

**TECHNICAL SKILLS:**

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| **Technology Expertise** | Linux Admin, Shell Scripting, JAVA / JSP / Servlet |
| **Application Servers** | Weblogic 11g (10.3.6), JBOSS 3.2.7, JBOSS 4.0GA, JBOSS 6.3.0GA |
| **Operating System** | RHEL 4.x, 5.x & 6.x,7.x, CentOS ver 5.x & 6.x, FreeBSD 8.0, SUSE 10/11 Ubuntu 8.04, 9.04, 9.10, 10.04 LTS, 12.04 LTS, 13.10, 14.04 LTS |
| **Servers Experience** | DHCP Server, SAMBA, DNS (Bind 9), MySQL, PosgreSQL 8.0, NFS |
| **Web Servers** | Tomcat 4.1/ 5.5, Apache Web Server 2.4 / 2.3 / 2.0 / 1.2, WebSphere MQ, WebSphere. |
| **Middleware** | JBoss 4.0, JBOSS 6.3.0 GA |
| **Databases** | Oracle, MySQL SQL SERVER 2005/2012 |
| **Platforms** | Redhat Linux, IBM-AIX, FreeBSD, Windows XP/2000/2008/2012/NT/95/98 |
| **Version Control** | SVN, CVS, Maven, Jenkins |
| **Clouding** | OwnCloud, OpenStack, AWS. Azure |
| **Scripting** | Python, UNIX Shell, Perl, PHP |
| **J2EE Technologies** | JSP, Servlet, JDBC |
| **IDE** | Eclipse, Netbeans 6.8, Netbeans 7.3 |
| **Automation /Configuration** | Ansible, Puppet, Chef, Cronjob, Shell script base automation |
| **Monitoring Tool** | EM7, HPOV, Nagios XI, solarwinds |

**CERTIFICATIONS:**

* RHCSA Certified
* VMware VCP Certified

**WORK EXPERIENCE:**

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|  | **Charter Communications, Charlotte, NC** |
| **Sr. Systems Administrator (Linux, DevOps)** | **Feb 2018 - Present** |

* Installation, Configuration, Maintenance and Administration of Linux 6.x, 7.x.
* Experience in monitoring and troubleshooting (Network issues, Server performance issues, Kernel Tuning parameters and CPU/Memory/IO issues)
* Disk subsystem configuration, File systems and logical volume planning and configuration, using LVM.
* Monthly security patching including TL/SP update, OS upgrade on Solaris and regular patching on RHEL.
* Deploying Puppet for automated management of machine configurations. Working on Configuration management Tools like Puppet.
* Managing Amazon Web Services like EC2, S3 bucket, RDS, EBS, ELB, Auto-Scaling, AMI, IAM through AWS Console and API Integration with Puppet Code. Recipes and Cookbooks and uploading them to Chef-server
* Worked on configuring and maintaining Virtualization infrastructure on VMware ESXi and Virtual center deployment.
* Datacenter migration for Linux based servers, using rsync. Managing CRON jobs, batch processing and job scheduling.
* TCP/IP Configuration like assigning IP addresses, configuring network interfaces, assigning static routes, host names etc.
* Network troubleshooting with tcpdump and ip trace.
* Worked on Provisioning, Configuration & Maintenance Linux infrastructure through Redhat Satellite.
* Configuration and Maintenance of NFS, DNS, NIS, SMTP, CUPS.
* Worked on creating, extending, reducing all kind of File Systems on Linux servers.
* Experience in monthly Patching event for Production and Non-Prod Linux severs through Redhat satellite, monthly patches channels, creating child channels and base channels. Worked on monitoring and configuring NFS servers and NFS clients on Linux servers.
* Worked on Ansible to automate the server build process, configuration management, writing playbooks and pushing changes on Linux servers using Ansible. Managed Ansible Playbooks with Ansible roles. Created inventory in Ansible for automating the continuous deployment.
* Written Templates for AWS infrastructure as a code using Terraform to build staging and production environments.
* Experience working on Docker hub, creating docker images and handling multiple images primarily for middleware installations and domain configurations. Installed and configured Jenkins for Automating Deployments and providing a complete automation solution.
* Building, Configuring & Maintaining Virtual Machines and Installed VMware Tools, Templates, Cloning, and Deployed Virtual machines on VMware ESX hosts and OVM servers. Installed, Managed and Configured SCOM monitoring tools
* Performed physical server builds on Supermicro, HP hardware DL380, DL580, BL460C and BL 680C blades.
* Raid configuration on Physical hardware and software level.
* Experience in building Red Hat Network Satellite Server for automated installation of Linuxboxes and creating image of Linux system with system Imager that automates Linux installs.
* Extensive experience in installing, configuring and maintaining Application Servers - Web Servers Experience in VMware.
* Worked on project for migration from HP-UX to Redhat, migrated OS, application, storage.
* Automate daily manual tasks by running cron jobs using BASH Scripts on Linux-based servers
* Installed, Managed, and Configured Nagios for monitoring the log files, Network Monitoring, log trace monitoring and the hard drives status
* Worked on Red hat satellite 6, updating/applying patches to the servers using Redhat Satellite server.
* Configured and successfully Deployed EC2 instances with private and public subnet for Applications with Linux OS in AWS Environment.
* Set up user account in Linux operating system. Configure S3 Storages for backups of server and hosting website
* Setup and Control Identity Access Management (IAM) for Linux Environment in AWS.
* Established Continuous Integration (CI) practices and standards with JIRA, Jenkins, and Continuous Delivery (CD) through Chef
* Author Chef Cookbooks providing automated infrastructure (VPC, Network, Firewall, Load-Balancer, DNS) deployments internally to Docker and externally to AWS. Created Security Groups, configured Inbound/Outbound rules, created, and imported Key Pairs
* Created Docker file for each micro-service and change Tomcat configuration files to deploy Java based applications to the Docker Container
* Automated creating projects in Jenkins and Nexus repository as release process
* Managed the Subversion branching strategy for few applications by creating Release branches, and Development branches thus ensuring the integrity of trunk. Migrated and managed large production systems on Amazon AWS
* Build and configured Custom VPC for private and public subnets with NAT Gateway and NAT Instance for Internet accessibility of hosts.
* Write the scripts for adding users and for pushing changes into files of multiple groups of hosts with shell scripting.

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|  | **Verizon Telematics, Atlanta, GA** |
| **Systems Admin (Linux, VMware, Devops)** | **Oct 2016 – Jan 2018** |

* Administration, Installation, Configuration, troubleshooting and Performance tuning of Linux distributions such as Red Hat Enterprise Linux, CentOS, KVM, SUSE Linux Enterprises, Windows Servers.
* Installation, configuration and upgrades on Red Hat Linux 4.x, 5.x and 6.x, 7.x.
* Responsible for upgrading Critical patches and development, pre-production and production environment systems as Linux distributor server.
* Strong experience in Python to automate daily activities task like logs file, disk spaces, patching etc.
* Strong experience to develop the automation tools to improve productivity for core business platform in Python and Perl.
* Real time hands on experience on SVN Adm (Master) server, dealing with check in configuration and promote the change in Puppet server.
* Configuration and deployment of Unix-based servers with open source and commercial software. Troubleshoot server bugs and inconsistencies. Skills used: Linux, shell scripting, powershell, powercli, Perl.
* Deployed Puppet, Puppet Dashboard, and Puppet DB for configuration management to existing infrastructure.
* Re-Designed and redeployed the Nagios implementation. Nodes automatically added/removed themselves via Puppet.
* Wrote puppet manifests for deploying, configuring, and managing collected for metric collection and monitoring.
* Configuration, manage Puppet master and agent server and client as real time working experience.
* Used bash, awk, sed and Perl to automate most of the daily activities like logs monitoring, log rotation, disk spaces, purging and error detections using solarwinds, Nagios XI.
* Deployed LDAP for centralized authentication. Worked on testing and validation of tasks.
* Installed patches using Scripts on Pre-Production and Production and virtual servers.
* Configured Kickstart Servers and booting the images using PXE in Red Hat Linux.
* Responsible for Tracking Remedy tickets and meet the SLA's. Installed packages, patches and SSL certificates on all web servers.
* SWAP box configuration, Implementation of disaster backup and recovery.
* Administered and Troubleshoot Solaris servers running business critical application & WebLogic applications.
* Installed and configured SAMBA server for windows and Linux connectivity.
* Design and installation of Linux Cluster- local and metro clusters.
* Migrations, Installing Deployment patches, Updates on several thousands of Production Servers.
* Experience in Implementation Apache, Tomcat 5.5 for the Java Servlet and Java Server Pages technologies.
* Administered the UNIX System for clustered HP Servers with fiber attached SAN storage.
* Deployed and maintained VMware ESXi 5.1, 5.5 and 6.0 host servers. Configured HBAs, iSCSI SAN storage.
* Familiar with backup and restore of VMware host server configuration, Virtual Machine backup, snapshot, P2V-V2V conversation with VMware converter 4/5 and with other third party converters, Patch updating, monitoring/reporting, SSH and SNMP and notification of alerts.
* Installed ESX and ESXi Virtualization servers on HP and Dell hardware.
* Worked with Cisco UCS server blades with VMware ESX deployments on Cisco UCS.
* Configured HA, DRS clusters and capacity planning for new clusters, configuring FT for important VM's.
* Worked on ESX and VM virtualization storage issues and also coordinated with the storage admin team.
* Performed P2V Hot conversions using vCenter Converter Standalone 5 and also the P2V cold conversion using VMware Converter Boot CD. Worked with automation of servers using ansible and puppet.
* Worked with DNS, DHCP, TCP/IP. Installed and administered Group Policy Objects (GPOs), MS Hyper-V, DNS, DHCP, IIS, LDAP.
* Worked on Disaster Recovery Exercises for DR Plan for Production Servers.
* Involved in creating VSS and VDS vSwitches and created different ports groups for different purposes.
* Installed and configured Citrix Xen Server and Windows 2008, 2012 R2, Hyper-V R2 test clusters on Dell Hardware with iSCSI storage.
* Installed and implemented Manage Engine monitoring application using solarwinds and configured SNMP and WMI on Servers and other network devices for reporting and alerts notifications.
* Installed and Tested VMware Site Recovery Manager- SRM for the disaster recovery and managed recovery plans, Worked with ITIL Standards and procedures. Responsible for helpdesk support using service now, Remedy, ITIL, ITSM ticketing system, inventory and system reporting.
* Participated in the migration planning, developing, testing and moving

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|  | **Wells Fargo, San Francisco, CA** |
| **Systems Administrator (Linux, VMware)** | **Oct 2015 – Sept 2016** |

* Responsible for ensuring Systems & Network Security, SOC, maintaining performance & high availability of Servers, Network, Linux, CentOS, ubuntu, KVM, Databases & applications. Disk Management partitioning tools like format, file system management ext4, ufs, file system utilities.
* Maintaining all systems in smooth running condition and to reduce the downtime.
* Maintaining the network availability and uptime at all levels and times
* Automating system jobs through Crontab. Support NetScaler utilizing firewalls and content filtering devices.
* Implemented automated server provisioning using ansible and puppet.
* 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.
* Experience in installation and configuration of Web Apache, JBoss, and IPlanet, BEA WebLogic, Websphere, LDAP.
* Responsible for Installation, configuration, Maintenance, Deployments, Monitoring, performance tuning, JVM Load/Stress Testing of WebSphere App Server 6.1 on Linux servers.
* Resolve technical issues through diligent research, reproduction, and troubleshooting.
* Creating Virtual Machine Profiles in Vcenter Server, allocating storage and installing Redhat Linux using kickstart.
* Installation, Administration of WebSphere MQ, WebSphere on various platforms like AIX, Linux,
* Configured MQ Objects within the WebSphere Application Environment.
* Worked with SAN team on the provisioning of storage for the new build server and mounting the SAN (EMC, Netapp) and NFS storage to the file systems with right permissions. Used VERITAS Volume Manager for Disk Space management.
* Administered Linux servers for several functions including managing Apache/Tomcat server, mail server, My-SQL database, and firewalls in both development and production. Troubleshooting any and all problems with performance, upgrades and file transfers.
* Integrating UNIX file systems using packages like SAMBA.
* Maintained user account management, configured servers to register with Red Hat Network (RHN) Satellite Server, monitored servers – workload assessment, service console monitoring. Acquiring & Initializing LUNs in clustered & standalone environments.
* Written Shell and Perl Scripting for automation of jobs and Performing O/S and kernel upgrades on Linux servers.
* Oracle RAC, NDM, WebSphere, VERITAS Netbackup, EMC Networkerand IPlanet installation and support on AIX and Linux servers. Familiarity with F5 Big IP LTM and Cisco ACE 4710 Load balancers.
* Responsible for applying latest patches, user administration, kernel tuning parameters, file system space monitoring on Solaris systems using solarwinds, Nagios XI.
* Experience with vcloud, vcac, and AWS, Azure, exchange 2010, 2013, Office 365.
* Manage systems using remote consoles like ILO for HP and DRAC for Dell Hardware.
* Troubleshoot backup issues, perform manual backups & restore using NetBackup, EM C networker.
* Managed Disks and File systems using LVM on Linux, Kernel patching.
* Upgrading the ESXi hosts from ESX 4.0 to ESXi 5.5 and its firmware using Update manager and manually.   
  Good knowledge on HP and CISCO hardware and their generations.
* VMware ESX server hardware setup in all sites with HA/DRS Clustering/Vmotion.
* Worked with LabManager, vCenter, vSphere and vCloud Director.
* Moving hosts from one Vcenter to another Vcenter by recreating the vDC and clusters, permissions and also manually recreate the permission sets.  Deployment of servers using powershell.
* Server Migrations: P2V/P2P/V2V using Platespin/Double-take and VMware converter.
* Participated/coordinated in weekly Status meetings and reported on the project status, Incident reports and Change Management for the transition process. Migrated datacenters and converted physical servers to virtual servers using VMware Convertor.
* Co-ordinate with Data center team for connectivity issues in ESX/SAN and the hardware issues.
* Created and managed Standard and Distributed Switches (dvSwitch) in the vCenter servers for making use of best network design and stability across the vCenter servers. Involved in live migration of Virtual Machines and Virtual machines files using the VMotion and Storage VMotion.
* Firmware upgrade on Cisco UCS, HP, Dell along with creating the profiles on them.
* Creation & Troubleshooting of Virtual Network, ESXi hosts, VMotion issues & Virtual Machines.
* Creation of templates from VMs and deploying VMs from templates.
* Experience in setup, configuration, upgrade, maintenance, performance monitoring and troubleshooting on different platforms like Sun Solaris, Linux, HP-UX and Windows.
* Support using service now, Remedy, ITIL, ITSM ticketing system, inventory and system reporting.

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|  | **EMC Corporation, Denver, CO** | |
| **System Administrator (Linux, VMware)** | | **Aug 2014 – Oct 2015** |

* Worked on patching of Linux system changes and upgrades.
* Linux system Administration, New build and configurations, OS Migration, Creation and Maintenance of Linux server and deploying security standards, SOC. Redhat Linux build & setup for bare metal and VMware.
* Installed, configured and maintained RHEL 5.x/6.x, staging and test environments.
* Installed Patches/Packages and RPM packages on Linux Servers and Upgrading OS levels.
* Installed and configured VxVM, VxFS and VCS on various Servers.
* Creating and configuring VMware virtual machines and installing Redhat Linux using kickstat.
* Configured probe and link based IPMP, worked with disk multipathing for SAN storage, configured and performed backups uising veritas, emc networker. Worked on building Veritas Clusters from scratch and performed failover and High Availability tests.
* Installing, configuring and maintaining Jenkins on Linux servers.
* Installing, Configuring and maintaining Puppet on Linux and Windows servers.
* Installed and configured all the Linux servers in the network per specifications of clients.
* Monitored the servers and Linux scripts regularly and performed troubleshooting steps – Tested and installed the latest software on server for end-users.
* Performed routine checks on the Linux servers of the firm. Troubleshooting network and Hardware issues on linux servers.
* Maintain and manage VMware infrastructure to ensure stability and availability.
* Fine tune VMs configurations to get the best balance of performance, resource optimization and availability.
* Implemented rapid-provisioning and life-cycle management for Ubuntu Linux using Amazon EC2, Chef, and custom Ruby/Bash scripts.
* Implement upgrade from Citrix Access Gateway to Netscaler Gateway.
* Managed HA clusters using RHCS, Apache redirector, NetScaler, Zookeeper, and MongoDB clustering
* Monitor, evaluate and administer to a host of network monitoring tools.
* Monitor and maintain the file/CPU system of the application servers to ensure the accessibility for end-users and the application functionality; work with infrastructure team to address application capacity needs.
* Redesign and reimplement DNS infrastructure to reduce complexity, improve performance, simplify administration, and facilitate deployment automation.
* Create file transfer server for customer data exchange.
* Automate network configuration management for all cloud environments.
* System Administrator/Integrator role in a large team responsible for maintaining of Linux operating systems such as SUSE 10/11.
* Install Nova Compute and Controller, deploy instances using the command line.
* Created security groups for both inbound and outbound traffic following the naming convention.
* Created Security groups specific to the infrastructure and included where appropriate as per the requirement.
* Installed, secured, and configured AWS cloud servers with Linux, Tomcat, MySQL, Apache, etc.
* Skilled with Websphere, Tomcat and Apache Web & Application Servers
* Installed configured ORACLE RAC on RHEL 5.x, 6.x Servers.
* Installed, configured and administered Esxi 5.1 on HP C7000/Dell power Edge/Cisco UCS Hardware.  
  Installed management server (v Center server) instances to enable centralized management of multiple hosts
* Linked different v Center server using linked mode to have a single instance a vSphere client to manage the whole virtual environment.
* Deployed Linux servers using VMware, building AIX servers using NIM servers, RHN Satellite setup/configuration/maintenance.
* Creating and managing virtual machines and templates, worked with clones and snapshots of virtual machines
* Configured VMware on clustered environment, implemented migration of virtual machines using vMotion, virtualized windows servers using VMware converter and plate spin convert.
* Hot and cold cloning of virtual machines using VMware converter
* Configured VMware HA, VMware DRS in acquiring higher efficiency of VMware infrastructure
* Defined the patch management process for the VMware environment to upgrade the hosts and VM's and successful completion of update manager installation in all the environments

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|  | **Global Foundries, Malta, NY** |
| **System Admin (Linux, Windows & VMware)** | **Dec 2012 – July 2014** |

* Installation and configuration of Solaris, Linux for new build environment.
* VERITAS and Sun Cluster Administration.Unix/Linux user's creation, file/dir level permissions, sudo permissions etc.
* Day to day duties for Unix/Linux server maintenance and support to developer's team for their issues with application, tuning, troubleshooting, software running on Unix/Linux Servers.
* Administered Linux servers for several functions including managing Apache/Tomcat server, mail server, My-SQL database, and firewalls in both development and production.
* Implemented tool integrations with puppet for automatic monitoring of servers known to puppet
* Skilled with WebSphere, Tomcat and Apache Web & Application Servers
* Adding Disks and creating Slices and File System Administration.
* Handling Projects and providing performance and capacity analysis reports and recommendations to customer requirements.
* Cloning, Building and deploying new VM's and installing different guest OS like Windows server 2003/2008/2012 and Linux. Creating virtual NIC's for the respective VM's and assigning the network connections to a particular port group in the VSwitches.
* Implement External Access Gateway using Two-factor Authentication (NetScaler)
* Leveraged VMware infrastructure implementation and consolidation expertise to implement P2V migrations, blade server capacity planning, high availability and failover settings on newly installed blade servers and existing rack mount servers.
* Played role as VMware/windows admin to provide Level 1 &2 supports in complex environment.   
  Designed, installed, configured of VMware site recovery manger.
* Monthly and Quarterly Health check reports with performance analysis
* Handling Ad-hoc requests from the customer by providing the reports with Performance and capacity analysis with recommendations.
* Worked with server profile/service profiles on CISCO UCS, HP Servers.
* Configured Management and Resource Cluster, Add Host to a Cluster, Configure its licenses, Network Configuration, DNS and NTP. Worked with service now, remedy.Administration of environment running ESX/ESXi Hosts and Virtual Machines.
* Manage Virtual Machines, Installing VMware Tools, Creating Templates, Cloning, and Deploy Virtual Machines using Templates, Converting Physical to Virtual Machines (P2V). Manage user permissions in vCenter Server.
* Manage VMware Distributed Resource Scheduler (DRS), vMotion and High Availability (HA) Clusters.
* Worked closely with Storage and Networking teams to manage the allocated SAN, Fiber and Networking Infrastructure.
* Update the Patches for ESX Servers using VMware Update Manager in Virtual Center.
* Monitor capacity, performance and utilization across all Windows Server and its Hardware.

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|  | **Navient, Fishers, IN** |
| **System Admin (Linux, Windows & VMware)** | **Apr 2011 – Nov 2012** |

* Installation, maintenance and regular upgrades of Red Hat Linux Servers using kickstart based network installation.
* 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.
* Installation and configuration of Weblogic and Websphere application server
* Installation, configuration, and maintenance of web servers, application servers, and database servers on Linux Servers.
* Faulty Part replacements like Memory DIMM server battery replacement.
* Handling basic issues of Storage like disk replacement and raising service request with EMC.
* File system housekeeping issues. User administration, management & archiving.
* Performed automated installations of Operating System using Jumpstart, Kickstart for Linux.Installation of patches and packages.
* Performing the Change request for the different hardware part replacement.
* Creating the Standard Operation Procedure for different types of issue.
* Ability to write scripts to perform the daily and routine work.
* Deploying auto resolution for an automated ticket with PAS automation.
* Working on hardware failure like failed battery / failed hard disk issue with vendors.
* Renewing the expired SSL certificate. Taking thread dump and heap dump for hung instances.
* As per Vendor recommendation fixing the vulnerability in the Client Environment (like ssh Vulnerability, SSL Vulnerability).
* Configured Management and Resource Cluster, Add Host to a Cluster, Configure its licenses, Network Configuration, DNS and NTP.
* Administration of environment running ESX/ESXi Hosts and Virtual Machines.
* Manage Virtual Machines, Installing VMware Tools, Creating Templates, Cloning, and Deploy Virtual Machines using Templates, Converting Physical to Virtual Machines (P2V). Manage user permissions in vCenter Server.
* Manage VMware Distributed Resource Scheduler (DRS), vMotion and High Availability (HA) Clusters.
* Worked closely with Storage and Networking teams to manage the allocated SAN, Fiber and Networking Infrastructure.
* Update the Patches for ESX Servers using VMware Update Manager in Virtual Center.   
  Monitor capacity, performance and utilization across all Windows Server and its Hardware.
* Patching the Linux servers on all the environments (Prod, Pre-Prod and Testing) of Customer.
* Identifying the necessity of the changes to the customer’s environment in respect of hardware as well as application and completing the process of soc testing and validation, approvals and executing the changes.

**EDUCATION:**

* Bachelor’s in Information Technology, Technical Career Institute, NY 2010