**Manohar V**

**AWS Consultant**

---------------------------------------------------------------------------------------------------------------------**Professional Summary:**

* Over 8 years of experience in System Administration in AWS, UNIX and Linux (Redhat and SuSE), VMware and Windows environment.
* Experience in Server builds using Jumpstart, Kickstart and Manual installation.
* Managing Amazon Web Services (AWS) infrastructure with automation and configuration management tools such as Ansible, or custom-built .designing cloud-hosted solutions, specific AWS product suite experience.
* Deploy and monitor scalable infrastructure on Amazon web services (AWS) & configuration management using Ansible.
* Experience in AWS, which included managing application in the cloud and creating instances.
* Implemented Migration from VMWARE to AWS using VMDK Import tools.
* Deployment/Delivery as a iterative process and Automation of Infrastructure as Code
* Managed Amazon Web Services like EC2, S3 bucket, RDS, EBS, ELB, AMI, IAM through AWS Services/Packages using Chef as well as AWS for EC2/S3/Route53 & ELB with.
* Experience in User & Group Security administration, backup & recovery.
* Experience in Veritas Cluster Server and Redhat Cluster Server for failover and redundancy purpose.
* Experience in installation, configuration, maintenance and troubleshooting of Zones and Containers on Sun Solaris.
* Extensive experience includes Software Configuration Management, Build/Release Management, using Source Depot, CVS, Subversion, and Perforce along with Shell, Perl and Windows Scripting.
* Good understanding of processes in Software Development Life Cycle, Project roles and CM plans.
* Provided technical support for backup/restore performing System Backups from tapes
* Good experience in database migration and server migration.
* Maintained and administered the tasks periodically like cleaning of system log files, removing temp files, checking file system for scheduling job automation.
* Good experience in installation/upgradation of VMware ESXi 4.1/5.0
* Experience in configuring VMware Virtual Hardware, Memory, NIC and VDISK
* Good experience on BMC Blade Logic tool to Controlling and Automating the servers configuration
* Experience in shell scripting for automation of jobs.
* Excellent interpersonal skills, proven strength of troubleshooting and hard working.

**AWS Consultant**

**Veritas Technologies - Roseville, MN  (February 2014 – August 2016)**

**Responsibilities:**

* Designed, implemented, architecture and support of cloud based server and service solutions.
* Managed multiple AWS accounts with multiple VPC's for both production and non-prod where primary objectives included automation, build out, integration and cost control.
* Worked on AWS Cloud Watch, Cloud Formation and Cloud Trail services.
* Worked with EC2 infrastructure teams to troubleshoot complex issues.
* Managed and supported AWS Security related issues, such as IAM and S3 policies for user access.
* Support for all other AWS products such as S3, RDS, Elastic Load Balancing, and Route53 (DNS).
* Experience in AWS, which included managing application in the cloud and creating instances.
* Managed Amazon Web Services like EC2, S3 bucket, RDS, EBS, ELB, AMI, IAM through AWS.
* Experience in Veritas Cluster Server and Redhat Cluster Server for failover and redundancy purpose.
* Deployed and configured Apache Hadoop on AWS VPC within a cluster of 2 Name nodes (master) and 4 Data nodes (slaves).
* Regularly monitored and maintained the Hadoop cluster for HDFS storage and CPU utilization.
* Installed, configured multiple operating systems onsite and provisioned similar instances on AWS cloud.
* Monitor ticket queue to attend user and system calls, attend team meetings, change control meetings to update installation progress, and for upcoming changes in environment.
* Experience in creating alarms and notifications for EC2 instances using Cloud Watch.
* Managing Amazon instances by taking AMIs and performing administration and monitoring of Amazon instances using Amazon Cloud Watch.
* Designed, configured and managed public/private cloud infrastructures utilizing Amazon Web Services (AWS), including EC2, Elastic Container Service (Docker Containers), Elastic Beanstalk, S3, CloudFront, Elastic Filesystem, RDS, DynamoDB, VPC, DirectConnect, Route53, CloudWatch, CloudTrail, CloudFormation, IAM, EMR, ElasticSearch which allowed automated operations using Chef.

**AWS/System Administrator**

Cognizant - August 2007 to August 2013

**Responsibilities:**

* Installation and configuration of Solaris 9/10/11 and Redhat Enterprise Linux 6 systems.
* Installation and configuration of Redhat virtual servers using ESXi 4/5 and Solaris servers (LDOMS) using scripts and Ops Center.
* Experience in managing VMware Virtual Hardware, Memory, NIC and VDISK.
* Migrated VMWARE VMs to AWS and Managed Services like EC2, S3 Bucket, Route53, ELB, EBS Etc with Ansible
* Wrote Ansible Playbooks with PythonSSH as the Wrapper to Manage Configurations of Openstack Nodes and Test Playbooks on AWS instances using Python.
* Managing Amazon Web Services (AWS) infrastructure with automation and configuration management tools such as Ansible.
* Experience in package and patches management on Linux and Solaris servers, firmware upgrades and debugging.
* Addition and configuration of SAN disks for LVM on Linux, and Veritas Volume Manager and ZFS on Solaris LDOMs.
* Configuration and troubleshooting of NAS mounts on Solaris and Linux Servers.
* Configuration and administration of ASM disks for Oracle RAC servers.
* Analyzing and reviewing the System performance tuning and Network Configurations.
* Deployed Puppet, Puppet Dashboard, and Puppet DB for configuration management to existing infrastructure.
* Managed Physical volumes, Volume Groups, and Logical volumes using Logical Volume Manager.
* Troubleshooting and analysis of hardware and failures for various Solaris servers (Core dump and log file analysis)
* Performed configuration and troubleshooting of services like NFS, FTP, LDAP.
* Good Knowledge of NAS and SAN concepts and technology.
* Configured and maintained Multipathing in Solaris and Linux.
* Experience in writing scripts for automating jobs.
* Implemented SUDO, SSH and other security tools.
* Redesigned and redeployed the Nagios implementation. Nodes automatically added/removed automatically via Puppet.
* Deployed a distributed Jenkins environment for continuous integration/builds. All builds output rpm packages as artifacts.
* Responsible for packaging all code into RPMs.
* Supported various teams including database and middleware teams.
* Provided production support and 24/7 on-call support on rotation basis.
* Performed installation, configuration and maintenance of Red hat Linux 4.x/ 5.x/6.x
* Installation, configuration and Operating System upgrade on Sun Solaris 8,9,10.
* Performed daily backups, restoration of data as per requests from developers using Veritas NetBackup.
* Provided application support for WebLogic application servers as required.
* Installed all the required Software, patches, documentation, and licensing trouble shooting.
* Troubleshoot network & DNS issues and handled VERITAS NetBackup server & client connectivity problems.
* Setup of full networking services and protocols on UNIX including NIS/NFS, DNS, SSH, DHCP, NIDS,TCP/IP, ARP, applications, kick start and print servers to insure optimal networking, application, and printing functionality.
* Installed and configured Sudo for users to access the root privileges. Design and implement system security and data assurance.
* Understanding of firewalls, NAT and packet filtering (specifically IP tables).
* Diagnose network performance issues and design and implement performance improvements.

**ADDITIONAL INFORMATION**

**TECHNICAL SKILLS**

**Operating Systems:** Windows XP, Vista, 7, 8.1, Windows Server 2003 and 2008, RedHat and Ubuntu.

**Remote Administration:** Putty, Cygwin, VMware, TightVNC, Remote Desktop and RealVNC

**Office Suites:** Microsoft Office including Visio, PowerPoint, Access and Project, Open Office.

**Application Servers:** Tomcat, JBoss, Sun Java.

**Web Servers:** Apache, Tomcat, HAProxy, SQUID Cache and Varnish.

**Monitoring Tools:** Application Manager, Nagios, Solar Winds, HP Openview, HQ Agent and Zabbix. Configuration Management: CVS, SVN, Puppet, Chef, Quickbuild, LDAP and Microsoft Active Directory.

**Mail Servers:** postfix, sendmail, Outlook.

**Ticketing Systems:** Jira, SAP, Remedy, ClearQuest.

**Relational Databases:** Oracle, SQL Server, MySQL.

**Virtualization Software:** Xen, VMware, KVM, Redhat Spacewalk Cluster manager, Microsoft Virtual Server.

**EDUCATION**

**Bachelor of Computer Science Engineering**

Manipal University