G. Madhusudhan

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**Career Objective**:

To Expertise in the field of Information Technology so as to achieve excellence in this sector a career which can sharpen my current skills & knowledge and where I can have good scope for learning and implementing new technologies.

**Work Experience:**

**Organization**: **CTRLS Datacenter LTD**.

**Duration**: **Sep 14th 2015 to till date. (5years)**

**Designation**: **Cloud System Administrator.**

**Education**

**2010 – 2014**  B. Tech.: Computer Science Engineering.(CSE)

Hyderabad Institute of Technology and Management (HITAM) (affiliated to JNTU-H)

With an aggregate of 65.9 %

**2008 – 2010** Board of Intermediate Education

Narayana Jr. College, Kukatpally, Hyderabad with an aggregate of 73 %

**2008**  Board of Secondary Education

Ramakrishna High School, kukatpally , Hyderabad with an aggregate of 81%.

**ITIL**

* Knowledge and adherence to ITIL best practices for execution of Incident/ Request/Change Management

# Knowledge on Datacenter Operations.

# Certifications

* AWS Certified Solutions Architect – Associate

# Skills and Responsibilities

**AWS**

* Manage Amazon Web services –ELB, EC2,S3, RDS, SNS, Cloud watch, Auto scaling, Route53.
* Expertise in architecting secure VPC solutions in AWS with the help of Network ACLs, security groups, public and private network configurations
* Create S3 buckets and also managing policies for S3 buckets
* Experience in managing and maintaining IAM policies for organizations in AWS to define groups, create users, assign roles and define rules for role based access to aws resources
* Create snapshots and amazon machine images (AMIs) of the instances for backup and creating clone instances.
* Create and maintain users account, profiles, security, rights disk space and process monitoring
* Provide technical support by troubleshooting day-to-day issues with various servers on different platforms
* Knowledge in container, Dockers and kubernetes

**VIRTUALIZATION**

* I have around 5 years of experience in IT industry and experience in Building, Configuring, and managing VMware ESX/ESXi 5.5, 6.5, 6.7 & currently working in a 4 tier Datacenter Environment as a Cloud system engineer.
* Managed Virtualization Environment using VM Ware ESXi 6.5 Virtual Center, VSphere Client, and VMware converter.
* Installation, Configuration, Administration and Troubleshooting ESXi 5.0, 5.5, 6.0, 6.5, 6.7Virtual Center, VSphere Client.
* Creating and Managing Virtual Machines and Templates.
* Creating Clusters for and Distributive Resource Scheduling (DRS).High Availability (HA), EVC.
* Creating Resource Pool, VMotion, Alarms.
* Monitoring Health Status of VM’s and performing daily reports as per user request.
* Upgrading ESX/ESXI Servers latest patches & updates through CLI by using Putty
* Creating and Managing Snapshot, Cloning, Templates.
* Converting P2V, V2V using VMware Converter.
* Excellent interpersonal and client handling skills.

**CORE COMPETENCIES / TECHNICAL EXPERTISE**:

**VMware Infrastructure Skills**:

* Installing, configuring and managing ESXI servers, VSphere Client and Virtual center.
* VM Servers build & rebuild (Deploying the New VM from the Template and Cloning an Existing VM) as per the client request through change management process.
* Creating and managing resource pools and adding the VM’s into resource pools.
* Creating and managing virtual machines.
* Security hardening and Monitoring of VM’s & ESXI servers (CPU, Memory, Disk, Network Utilization) for Security Compliance.
* Creating and managing VM Ware cluster.
* Enabling HA and DRS features in a cluster.
* Configurations of Virtual switches and network connections.
* P2V and V2V conversions by using VMware Converter.
* Performing Snapshots, Cloning, cold migrations and hot migrations.
* Moving VM’s from one LUN to another LUN using Storage VMotion.
* Troubleshooting problems with the help of Event Logs.
* Manage users, groups, permissions and roles.
* Installing and upgrading VMware tools.
* Upgrading VM’s hardware version.
* Creating and deleting of VM's snapshots.
* Assigning LUN's to ESX/ESXi servers and creating Data stores.
* Extending virtual machine hard disks according to the customer requests.
* Adding virtual machine memory and Vcpu.
* Have good understanding of remote access tools like Dell IDRAC, Dell open manager(OMSA)

**Backup Administration**:

* Have good exposure on Backup and replication tools like VEEAM
* Implementing and Maintaining backups and replications using VEEAM tools.
* Restoring backup data whenever required
* Configuring & scheduling the backups as per the client request
* Monitored process of data backup in accordance with SLA standards
* Maintained backups and restores when needed.
* Configuring Replication for the VM’s from PR to DR

**Linux:**

* Installed Red Hat Enterprise Linux using Kickstart and applying security policies for hardening the server based on the company policies
* Created and maintained user accounts, profiles, security rights, disk space and process monitoring and simplify in distributed administration
* Monitored and managed servers and services using Nagios and zabbix
* Performed daily system monitoring, verified the integrity and availability of all hardware and server resources, and reviewed system and application logs
* Evaluated performance of systems to see that they meet business needs

**Windows –**

* Working Knowledge of installing, configuring, tuning, maintaining and monitoring Windows 2008/2012.
* Working Knowledge of Active Directory, DNS, DHCP, HTTP, FTP.
* Responsible for maintaining and deploying Security patches to the server environment by following Standard patching methodology
* Overseeing maintenance activities such as patching and security hardening.
* Assists in developing and maintaining Group policy.
* Created and maintained user accounts, profiles, security rights, disk space and process monitoring

# Achievements

Received STAR Performer Award for the year 2018 in CTRLS DATACENTER