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Harshit Sanchania

VMware & Associate Google Cloud Engineer

SUMMARY

Experienced as VMware and Cloud Infrastructure with over 9 years of experience in IT. Excellent reputation for resolving problems and improving customer satisfaction. Enthusiastic and eager to contribute to team success through hard work, attention to detail and excellent organizational skills. Motivated to learn, grow and excel.

PROFESSIONAL EXPERIENCE

Specialist Cloud Infrastructure Engineer

Feb '18 - Present

L&T Infotech

Mumbai

LTI is a global technology consulting and digital solutions company

VMware

- Administration of VMware Virtual Infrastructure.
- Installation, Configuration and Administration of ESXi 6.0 and 6.7 servers, VMware vCenter, external PSCs, vRealize operation manager, vRealize log insight, vSphere Replication, VMware NSX.
- ESXi & vCenter patch management.
- Configuration of VMotion, DFS and HA functionality.
- Troubleshooting issues related to VM's, ESXi, vCenter Appliance and external PSCs.
- Performing Snapshots, Cloning, cold migrations and hot migrations.
- Performance tuning of VMware servers and management of Physical server resources among virtual machines implemented.

Migration of Virtual Machines using VMotion, Storage VMotion.

- Worked flexible hours; night, weekend, and holiday shifts.
- Drove operational improvements which resulted in savings and improved profit margins.

Hardware and Networking Skills

- Installation, Configuration and Troubleshooting hardware problems related to CISCO UCS and DELL PowerEdge servers
- Configuration of CISCO UCS CHASSIS.
- Configuration of CISCO UCS FI.
- Configuration of CISCO HyperFlex Hyper-Converged System.
- Configuration of RAID 1, 2 and 5 in the server class infrastructure.

Google Cloud Platform (GCP)

- Migration of on premises virtual machine to google cloud for production setup.
- Creating new Virtual machine on the GCP compute engine.
- Creating and modifying firewall rules in the GCP.
- Creating new custom subnets for region in GCP.
- Troubleshooting the migration activity, checking the quota provided to all the resources in the GCP.
- Using Cloud endure as the migration tool for GCP.
- Creating Dashboards in Stackdriver.
- Creating new alert policies and configuring notification channels in Stackdriver.
- Integrating Stackdriver with outbound notification tools
- Troubleshooting GKE Clusters and Pods.

NOC Lead

- Managing a Network Operation Team of 7 team members.
- Providing value to client by conducting weekly governance meeting and getting continuous feedback.
- Training team on required tools and technologies.
- Conducting different meetings with client to understand their requirements.
- Developed team communications and information for meetings.
- Quickly learned new skills and applied them to daily tasks, improving efficiency and productivity.
- Identified issues, analyzed information and provided solutions to problems.
- Developed and maintained courteous and effective working relationships.

- Demonstrated respect, friendliness and willingness to help wherever needed.
- Participated in continuous improvement by generating suggestions, engaging in problem-solving activities to support teamwork.

Monitoring Tools

- Trained on various monitoring tools like Datadog, Sumologic, Stackdriver, New Relic etc. to understand the existing alerts, dashboards.
- Created Dashboards in Sumologic to provide value and which provided information about the KPI metrics.
- Configured Troubleshooting Guide link for each alert in the description field in-order to reduce MTTR.
- Suggested and implemented the alert naming convention of alert to be standardized across all the monitoring tools and environment.

AIOPS

- Implemented new tools for AIOPS in client environment.
- Worked on various other AIOPS tools like PagerDuty, BigPanda and Moogsoft.
- Configured various correlation patterns and custom tags in AIOPS Tool.
- Provided valuable feedback on having analytics dashboards that help organization to analyze the data easily.
- Creating scripts in R and Python to create analytics dashboards which provide value to client

IT Analyst

Dec '11 - Jan '18

Tata Consultancy Services

Mumbai

Tata Consultancy Services is a global leader in IT services, consulting & business solutions with a large network of innovation & delivery centers.

VMware

- Administration of VMware Virtual Infrastructure.
- Installation, Configuration and Administration of ESXi 6.0 servers, VMware vCenter, Vsphere Client.
- Creation of VM's, Templates, OVF Deployment, Clone systems and Taking Snapshots.
- Creation of ESX Clusters and profiles.
- Configuration of VMotion, DFS and HA functionality.
- Troubleshooting issues related to VM's and ESXi.
- P2V and V2V conversions by using VMware Converter.
- VMware vCenter server migration from 5.0 to 5.5 and from 5.5 to 6.0.
- ESXi host upgradation from 5.0/5.1 to 5.5 and 5.5 to 6.0.
- Performing Snapshots, Cloning, cold migrations and hot migrations.
- Performance tuning of VMware servers and management of server resources among virtual machines implemented. Migration of Virtual Machines using VMotion, Storage VMotion.

Hardware and Networking Skills

- Installation, Configuration and Troubleshooting hardware problems related to CISCO UCS, IBM x servers, HP Blade chassis, HP Blade servers, DELL PowerEdge servers and IBM Blade servers.
- Configuration of HP Blade Chassis.
- Configuration of CISCO UCS CHASSIS.
- Configuration of CISCO UCS FI.
- Configuration of CISCO HyperFlex Hyper-Converged System.
- Configuration of RAID 1, 2 and 5 in the server class infrastructure.

Microsoft Windows

- Installation and Administration of Windows server 2008 and 2012.
- Installation and configuration of File Server, maintain user access rights as per requirement.
- Installation and configuration of Windows Cluster for Windows 2008 and Windows 2012.
- Installation, Configuration and Administration of Hyper V clusters.

VMware Lead

- Participated in internal audits regarding quality management system.
- Presented business leaders with cost-benefit and return-on-investment estimations to drive project planning and execution.
- Monitored employee tasks, evaluating information processing and performance to gauge business functions and inefficiencies.
- Organized system infrastructure documentation and operating procedures, strengthening controls and enhancing overall performance.
- Collaborated closely with upper management to drive strategy through development and implementation of new processes.
- Documented procedures and business processes and shared information with appropriate stakeholders.

EDUCATION

B.E. Computer Science

Jul '07 - May '11

Adichunchanagiri Institute of Technology

Chikamagalur

KEY SKILLS

Agile Methodology

Documentation

Coordination

Troubleshooting

Automation

TECHNICAL SKILLS

- **Virtualization:** VMware, Hyper-v
- **Languages:** Python, R
- **Cloud Technology:** Google Cloud
- **OS:** Windows, Linux
- **AIOPS Tool:** BigPanda, Moogsoft, PagerDuty
- **Monitoring Tool:** Datadog, NewRelic, Splunk, Sumologic

CERTIFICATIONS

- Google Cloud - **Associate Cloud Engineer Certified**
- **VMware Certified Professional 6 – Data Center Virtualization**
- **Microsoft Certified Specialist:** Server Virtualization with Hyper-V
- **ITIL 2011 Foundation Certificate** in IT Service Management Certification