**Vayapparaj Kandasamy**

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**Summary:**

A highly experienced technologist with extensive experience in multiple technological systems including public and private cloud, networking, and servers, as well as team management.

**Career history:**

* Working as a Senior Specialist in HCL Technologies.
* Worked as a Senior Consultant in Sutherland Global Technologies in Chennai.
* Worked as a Subject Matter Expert in Sutherland Global Technologies in Chennai.

**Competency Preview**

* 9 plus years of hands-on experience on supporting, automating and optimizing an IT Data Centre and cloud platforms like On-premise, AWS and VMware.
* Ansible Tower Install, configure and Manage for different sites
* Manage organization provision and access using RBACL for different teams in Tower
* PostgreSQL database install and configure streaming replication for Ansible Tower
* Webserver automation using Ansible Playbook
* Server provisioning automation on VMware using Ansible Playbook
* Familiar with process such as continuous integration, DevOps and Agile methodologies.
* Specialist in Server Administration - Build, Patch, Decommission, Monitoring, Storage, Backup & Restore, Hardware, Software & Troubleshooting
* Server Built - Physical Servers (HP ProLiant BL/DL series Gen 7,8,9, C-class Blade servers and /Dell power edge servers) and Virtual Machines
* Server Patch - OS Upgrades & Firmware Upgrades based on OS Releases, Firmware Releases and Patch Cycles.
* Experience in VMware vCenter administration.
* Creating and Documenting SOP for all the major activities.
* Worked on flexible hours for production, backup and on-call support for 24/7 environments

**Affiliations and Certifications**

Redhat Certified System Administrator & System Engineer.

Redhat Ansible Automation specialist.

AWS Solution Architect Associate.

Cloud Architect certified from HCL.

Doing Microsoft Azure Cloud.

A+, N+, Norton Ghost, Symantec, UNIX.

Python & DevOps from Edx online course.

ITIL Foundation V3 certified.

**Technical Skills:**

**Virtualization**: KVM/QEMU, VMware ESXi, Dell on-prem.

**DevOps Tools**: Jira, Confluence, Remedy, Jenkins and Bit bucket

**Configuration management tools**: Ansible and puppet

**Version control**: Worked on GIT and Bitbucket

**Monitoring:** Nagios, Datadog, Moogsoft, and BMC Patrol

**Programming Languages:** Python, SHELL scripting

**Container Technology**: Docker and kubernetes

**Cloud**: AWS, Azure

**Others**: openvswitch, Linux bridge and SDN

**Professional Experience:**

Company : HCL Technologies

Role : Senior Linux Administrator

Experience : June 29th 2017 to till now

**Roles and Responsibilities:**

* Installation, configuration, maintenance, and troubleshooting of multiple versions of Linux OS flavors like as RHEL, SUSE, Centos, Sun Solaris, HP-Unix in Virtualized and physical platforms.
* Troubleshooting ESXi & Linux OS issues
* Troubleshooting cinder volume issues on the instance
* Troubleshooting instance related issues Instance resize, rebuild and Volume resize.
* Updating ESXi hosts with latest patches through update manager.
* Creation and deploying OVF, Template and Clone of Virtual Machines
* Increasing/ decreasing Memory/CPU/HDD for VMs & maintaining reservations
* Increasing Linux LVM partitions & adding new luns and scanning them
* Create & manage users and groups, providing access to particular servers/applications
* Using server monitoring tools like: BMC, Datadog, Moog soft and spelunk.
* Provide application administration support for Oracle, MySQL, Hadoop’s production cluster, QA, Dev., and DR environments.
* Configuring RAID level (RAID0, RAID1 and RAID5) Hardware and Software level.
* Hands on experience with Load balancer and cluster in LDAP servers.
* Level 1 Storage Administration of HP 3PAR SAN- Zoning, EMC, NetAPP storage, Provisioning and management of Virtual volumes.
* Scheduling decommission unused physical and Virtual Machine such as Dell 720xd,730 stand alone, From HP Blades, Rack, standalone servers.
* Experience in backup and restoring OS and Data in physical and virtual machines.
* Physical & Remote Datacenter support for Dell Physical servers, Cisco UCS Chassis, HP Blade Chassis, etc.
* Firmware upgrade for physical servers from Dell, HP, IBM, Cisco servers. VM Ware tools upgrade.
* Vendor case management and Expert in User Management LDAP and NIS User/Net Group addition and removal.
* Participating maintenance activities and providing support for operations and service delivery teams.
* Knowledge of shell scripting and playbook creation for automation day to day activities.
* Creating new technical solutions and strategies and SOP creation.
* Experience with enterprise tools such as Ansible/Puppet/Git/Bit bucket/Docker.

Company : Sutherland Global Services.

Role : Senior Consultant

Experience : October 2015 to December 2016.

* New physical server provisioning and staging the servers for production
* LVM issues – Resizing volume, Creating new volume and Removing
* Configuring and managing of squid proxy server & Controlling web usage with Sarg
* System backup and restore Management using Symantec NetBackup
* Automated Installation via Kick start Server.
* Configured a Samba server with ADS integration for file sharing.
* Network files sharing using NFS and managing FTP Server
* Scheduling job using Crontab and at services
* Checking server logs and housekeeping of log files.
* User & Group Administration & Configuring a sudo access permission Linux
* Monitoring System performance and workload management
* Configuration for remote OS and patch installation
* File system creation and resize as per client requirement.
* Datacenter visiting and supporting with vendors.
* Handling datacenter operation and Asset management

Sutherland Global services, ([www.suth.com](http://www.suth.com))

Designation: Senior Consultant (Subject Matter Expert)

Experience: Dec-2006 - Mar 2012

Roles and Responsibilities:

* Performed L2 support for all technical issues related software and hardware issues from HP, Dell, Acer, products.
* Assisting Windows Operating system issues, Software installation, printer configuration, third party software installation and Network related issue. Internet configuration, connection issues.
* Firewall setting and internet security settings.
* Virus removal and help to update latest security software.
* Assisting to take a backup and restore, System Recovery and OS restore.
* Performs scanning and diagnosing virus issues.
* Performs Norton Anti-Virus and Internet security Software installation and firewall configuration, and schedule the scan
* Educates the end-user about internet vulnerability, threads.
* Performed L2 support for unresolved issues and finding the root cause.
* Review and escalate the unresolved issues to research Team to find a solution.
* Responsible for Escalation process from all stakeholders.
* Retaining the end-user and compensation provide appropriate situation.
* Performs diagnostics and troubleshooting system issues, documents help desk tickets/Resolutions and maintains equipment inventory list.

**Academic Qualification:**

Diploma in Computer Application, Dr. Dharmambal Govt. Polytechnic, Chennai.

Bachelor of Business Administration, Madras University, Chennai.

Date: **VAYAPPARAJ KANDASAMY**