**Sai Krishna Reddy Varala**

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**PROFESSIONAL SUMMARY:**

* 7 years of experience in IT Industry as a System Administrator specialized in the areas of **VMware Virtualization**, upgrading systems, **Virtual Desktop Infrastructure** (VDI), Citrix **Xen-desktop**, **Windows Server (2008 / 2003, 2012), Desktop Environment (XP, Win7, and Win10) and Active Directory Administration**.
* Experienced in managing more than 1000 servers, conducting a daily datacenter walkthrough, hardware trouble shooting, cabling, configuring and racking/ untracking for Dell, HP Blade and Cisco servers.
* Good knowledge in **VMware VCP5, VCP4** with extensive experience in VMware Virtualization administration with a primary focus on installation, configuration, and administration of **VMware VSphere Suite**, ESX, VMware, VSphere Suite and Windows Servers 2008 R2, Linux, XP and Win 7 Operating systems administration.
* Worked as **Windows 2008 server admin**. Installing, **configuring and troubleshooting** on the **Windows server 2008 & 2008R2, 2012** over 7 years.
* 4+ years of experience with VMware Horizon View, VMware ThinApp5.0 and 3+ Years of Experience in **Citrix Xen-desktop and Citrix Provisioning services**.
* 1 Year Experience in **Hyper-converged Architecture** by Nutanix, experience with distributed storage fabric and other technologies like compressions and erasure coding.
* Expertise in deploy, implement and support **Citrix Access Gateway/ NetScaler** appliance to securely deliver any application with policy-based Smart Access control.
* Good experience in **Blade server hardware, RAID, Microsoft Windows Clusters, Compaq / HP Blade Server hardware maintenance, HP Insight Manager.**
* Extensive experience with **VMware HorizonView** (VDI) 4.5, 4.6, 5.0, 5.1 and 5.2versions.
* Expertise in **Windows IIS installation, configuration and administration**.
* Experience in configuration and support of **VMware Horizon Suite, Workspace, Mirage, View and vROPS**.
* Create Virtual machines, install Operating systems inside VM's and installing VM tools and configuring these VM's based on requirements.
* Performed daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems and key processes, reviewing system and VM log file, and verifying completion of scheduled jobs such as backups, checking alerts and alarms, managing private cloud.
* Implementation and after configuration maintenance of **HA, DRS, FT and Resource pool**.
* **Installation, Configuration and Administration** of Virtual Infrastructure using ESX, VMware V sphere 4.x, Virtual center 4.X and 5.x Servers.
* P2V conversion of Windows 2003 server editions using enterprise VMware converter and also installed the VMware tools on the Virtual machines and V2V conversion.
* Expert level skills in migration of Virtual machines using **V-Motion and Storage V-Motion**.
* **Creating Templates, Taking Snapshots, Cloning, Cold Migrations and Hot Migrations**.
* Create Virtual switches and port groups, configure **Virtual networking settings for redundancy** by teaming up VNICs, and configure network traffic, security and load balancing policies.
* Install new and rebuild existing **ESX, Hypervisor, Citrix Xen App and configure hardware, peripherals, services, settings, directories, storage, etc.** in accordance with standards and project/operational requirement.

**Technical Skills:**

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| **VMware Products** | VMware vSphere Suite 5.5, VMware Horizon View, VMware ThinApp5.0, View Persona, Cloud Director, VMware Converter, VUM, VMA, HA, DRS, SRM, DPM, VCB, VMware Workstation, VMware Capacity Planner. |
| **Project Management** | MS-Project |
| **Microsoft technologies** | Windows Server, Directory services, DNS, DHCP, WINS, IIS, FTP,LDAP, TCP/IP Networking, RDP, Terminal services, MS Exchange 2007, Microsoft clustering, Virtual PC. |
| **Citrix products** | Citrix 6.5, Xen-desktop 5.6/7.0, Citrix Provisioning Services 6.1. |
| **IDE/GUI** | Eclipse, IntelliJ IDEA, Net Beans, Visual Studio. |
| **Database** | Oracle 8i/9i/10g, SQL Server, DB2 9.5 |
| **Other Tools** | Wireshark, Cisco Packet Tracer |
| **Programming & Scripting Languages** | JSQL, Unix Shell Scripting, C ,Python, Java |
| **Operating Systems** | Window10, Windows 8, Windows 7, Windows Server2008/2003, Mac OS, Ubuntu, Red Hat Linux, Linux, UNIX |

# Professional Experience:

**AAA, Deb, MI May 2015 – Present**

**Role: VMware Engineer**

AAA is a mutual company – with policyholder members – not driven by the demands of investors. Currently ranked No.41 on the Fortune 500 list of largest companies. GPE offers solution for some of the key pain areas around the enrollment of Group personal excess policies like new business quote online submission. Policy set up, Status tracking, policy enrollment and certificate of insurance generation. Through proposed GPE system policy enrollment data is stored Hadoop distributed environment.

**Responsibilities:**

* Installation and configuration of ESX 6.0/5.5 in New- HP ProLiant series Servers in a core new Data-Center.
* Installation and configuration of Windows servers 2003, 2003 R2, 2008, 2008 R2, 2012, 2012R2 Virtual Machines in the ESX host clusters.
* Installation of vCenter server and Configuring ESXi - hosts within the cluster using V-Motion and HA
* Running patches and updates through update manager for the ESXi hosts.
* Installation of windows server 2008 R2 in physical servers.
* Actively participated in Migration of Servers to the new Data-center
* Responsible for day to day administration of VCE Vblock converged infrastructure platform solutions.
* Handling Win2012 Vblock OS deployment issues and supporting Vblock environment.
* Perform installations and upgrades on Vblock, a converged infrastructure platforms specializing in VMware with cross-platform work on other functional areas of various Vblock.
* Provided SAN support involving HDS' mid-range and enterprise storage arrays, fiber channel switches, host configurations, and various disk management software.
* Providing Level 2 advanced support internationally for Hitachi Data Systems (HDS) Network Attached Storage (HNAS) platform (formerly Blue Arc File Servers).
* Expertise in providing support for Windows servers and ADS.
* VMware implementation and Administration with Cisco UCS /VNX.
* Worked on Cisco UCS Blade server administration.
* Deployed VMware vSphere on Cisco UCS environment.
* Designing and implementation of required infrastructural changes related to Windows Environment, Active Directory and VMware.
* Active Directory (AD) administration including Group Policy administration.
* Virtual Machine (VM) Build Base OS Setup/Patching/Security Scans.
* Applied patches to VDI pools using VMware vCenter Update Manager and host update utility.
* Automated routine tasks using scripting languages such as PowerShell, Power-CLI.
* Migrated and imported Virtual Machines P2V, V2V and using OVF templates.
* Instituted the development of new process and standards around production Disaster recovery design to prevent one off infrastructure and application designs.
* Managing user accounts, networking and connectivity for Citrix connectivity.
* Developed standardized Disaster recovery plan templates to be used by all technology domain teams.
* Monitoring the resources and services on the servers using System Center Operation Manager (SCOM) 2007 R2, HP SIM&IBM Director, worked as SCOM administrator.
* Installation and configuration of DFS Namespace and DFS Replication.
* Installed, configured, and maintained security infrastructure system to ensure they are current and secure with respect to hypervisors, operation systems, and application.
* Creating resource pools and adding VM's into the VDI pools.
* Created user and computer accounts on the Active directory users and computers and Configured servers for DHCP, WINS and DNS services, Installation, configuration and Administration of IIS web servers.
* Building the infrastructure components support for management tools.
* Security hardening and monitoring of VM's and ESXi servers for security compliance.
* Installing, Configuring and troubleshoot NetBackup agents.
* Rendered LAN/WAN, TCP/IP and wireless support to end users on a variety of issues.
* Manage LAN & WAN and Blue Coat proxy servers.
* Configuring and installing VCAC, creating blueprints and configure vSphere endpoints in VCAC.
* Administration of Veritas NetBackup and IBM Tivoli storage Manager (TSM).
* Monitored and maintained customers email solutions including Exchange, Office 365 and vary hosted online solutions.

**Environment:**VEEAM Enterprise Manager 8.0/9.0, RV Tools, Windows 2000/2003/2008 R2, SMS, SQL Server 2000, VMware ESXi 5.5,6.0. Server, Remote desktop services

**UBS, Weehawken, NJ December 2014 – April 2015**

**Role: VMware Engineer**

UBS Investment Bank provides services covering securities, other financial products, and research in equities, rates, credit, foreign exchange, precious metals and derivatives. The personnel employed at UBS Investment Bank totally 4,734, present in over 35 countries (with principal offices in Hong Kong, London, New York, Singapore, Sydney, Tokyo and Zurich). This business division also advises and provides access to capital markets for corporate and institutional clients, governments, financial intermediaries, alternative asset managers, and private investors. UBS Investment Bank was formerly known as UBS Warburg and as Warburg Dillon Read, before the merger of Union Bank of Switzerland and Swiss Bank Corporation (SBC).

**Responsibilities:**

* Managing 100+ VMware vSphere ESXi 5.5 hosts in multiple vCenter.
* Managing 1200+ VMware VM clients on multiple clusters.
* Managing Nimble Storage, provisioning and maintain 1200+ VMware Data stores.
* Managing EMC SAN and Nimble Storage.
* Provisioning, Configuring, Managing, and Networking 40+ new Cisco B200 M3 blade servers.
* Managing Cisco Blade Chassis, Blade Servers using UCS Management Console and Cisco KVM Manager.
* Preparing and publishing VMware Admin training materials on CompuCom SharePoint Website.
* Providing for inbound technical support inquiries using Service Now Help Desk incident tracking system.
* Maintaining DNS for VMware vSphere Hosts and VM Clients.
* Writing Power CLI scripts for VMware Infrastructure automation.
* Deploring, McAfee Anti-Virus, implementing Anti-Virus Exclusions, Monitory and managing McAfee Management Consoles.
* Developing PowerShell Script for identifying inactive Share Folders in CompuCom corporate file servers to be archived and then removed.

**Environment:** Windows 2000/2003, SMS, SQL Server 2000, IIS 6.0, Exchange Server 2003, Microsoft WSUS, Windows XP, VMware ESX Server and Workstation, Open filer, IBM TSM, EMC SAN, Dell NAS and SonicWALL Firewall.

**Scholastic, Secaucus, NJ January 2012 – November 2014**

**Role: VMware/Windows Admin**

Scholastic Corporation is an American publishing, education, and media company known for publishing, selling, and distributing books and educational materials for schools, teachers, children, and parents, it is a well-known company all over the world. Scholastic developed separate websites for children, teachers, and parents.

**Responsibilities:**

* Worked with VMware ESX 4.0/4.1 Servers.
* Design and Implementations of VMware ESX server infrastructure in multisite/multi Datacenter Environments.
* Monitoring and managing performances of ESX/ESXi servers and virtual machines.
* Configuring and Managing VMware cluster with High Availability and Distributed Resource Scheduling.
* Large Scale Migration of existing VMs from HP Blades to Cisco UCS.
* Cisco UCS Deployment and Implementation for Virtual Environment.
* Performing upgrade of the Virtual Infrastructure.
* P2V conversions of Windows servers using VMware converter.
* Administrating DNS, DHCP, and Exchange & ISA servers. Created and managed user and group accounts in User Manager and in MS Exchange Administration.
* Experienced with / x64 Intel, HP, IBM & Dell hardware like rack-mounted servers, tower servers, desktop, laptop and other peripherals.
* Worked on Wintel Servers supporting x86 architecture.
* Installing, configuring, administering, troubleshooting VMware server on ESX platform and VMware client, workstation.
* Managing Exchange 2003 servers and troubleshooting issues related to mail delivery, configuring MX records to enable and disable domain.
* Responsible for Active directory, GPO, Domain users, Administrating users and groups and given appropriate permissions and privilege to access our LAN and Domain environment.
* Installed & configured Windows 2008 with Active Directory service.
* Excellent understanding of SAN, NAS storage architecture.
* EMC CX 480/960 SAN Storage Administration and Provisioning for ESX hosts.
* Installed and managed McAfee EPO software on servers and clients.
* Creating a backup job and also took backup of data center on daily, weekly and monthly basis.
* Disaster recovery planning, implementation and recovering systems during crash or hardware failure.
* Experience in IT decision-making, policy direction, planning, and team management. Participated in the migration planning, developing, testing and moving the migration process onto full-fledged production network.
* Coordinate hardware and software installations and upgrades to ensure work is performed in accordance with company policy. Recommends resolutions to complex matters of significance and coordinate the implementation of the approved course of action.
* Coordinate and monitor troubleshooting to isolate and diagnose common system problems: document system events to ensure continuous functioning. Recommend course of action and implement as approved.
* Coordinate testing, upgrade and configuration of system files and services. Ensure changes are in accordance with appropriate operating procedures.

**Environment:** Windows 2000/2003, SMS, SQL Server 2000, IIS 6.0, Exchange Server 2003, Microsoft WSUS, Windows XP, VMware ESX Server and Workstation, Open filer, IBM TSM, EMC SAN, Dell NAS, Zywall and SonicWALL Firewall.

**IT Grids India Pvt Ltd - Hyderabad, India December 2010 to November 2011**

**Role: Systems Administrator**

**Responsibilities:**

* Well-versed with installation, configuration and administration of Microsoft Windows 2003/2008R2/2012 and AIX/Solaris/Redhat Linux, 5, 6, 7 Servers.
* Installing and configuring puppet server and agent setup, developing apache, tomcat Web Sphere MQ 7.0, Web Sphere Application Server Automation, Apache solr 4/5, jboss EAP 6, tomcat 6/7/8.
* RHEL 4-6 server builds using Kickstart on standalone and VMware environment
* Worked with MPxIO, EMC PowerPath configuration for SAN redundancy.
* Used Puppet, Ansible for Configuration Management tool and also understanding of container technologies.
* Created and maintained large file systems with DMX storage devices using VxVM, ZFS, and SVM on Sun M5000, M4000, M3000, T2000, T5120, T5240, and V490 Production Boxes.
* Administration and configuration of Windows OS, IIS and Microsoft .NET Framework Servers.
* Implemented Oracle 11g RAC on Sun Solaris Cluster integrated with EMC.
* Managed disks using Solaris Volume Manager/Veritas Volume manager and performed various other System Administrative tasks as mirroring the Root Disk using Solstice Disk Suite for redundancy of the Operating System. Executed ACT (Crash dump Tool) against a core dump or live system.
* Installation, configuration and troubleshooting of .NET applications and web services.
* Involved in Project and product life cycle by Implementing and configuring of Environments (DEV/QA/PROD) for the Release integration.
* Involved in System Configuration Management, Change Management and Release Management Activities for Tier2 and Tier3 applications.
* Involved in technical and product profile reviews along with business and other technology partners to understand dependencies and new requirements.
* Working on creating CSR (Certificate sign in request) and communicate with CA (Certificate authority) to get new certificates and configure them on web servers to provide security to internet facing web applications.
* Worked with backup (TSM, Veritas NetBackup), monitoring (Tivoli, Nagios) , network and storage teams to build out servers in a given project
* Patched servers, firmware updates, breaking and re-establishing root mirrors
* Providing support to build, deploy and configure applications on Production Data Centers.
* Installation and configuring of Side minder agents on reverse proxy Apache web servers.
* Involved in Virtualization project which included designing, implementing and troubleshooting more than 300 VMware ESX (3.5 update 4) servers, and Oracle Virtual Machines (OVMs).
* Engineering product deployed across the development and production environments.
* Assisted with the administration of OFAC Prime Associates Software and Qlickview.
* System Backup and Recovery from tapes using ufs dump, ufs restore, tar and cpio, File system administrations

**Environment:** Solaris 9/10, RHEL 5.x/6, Windows 2003/2008 Server, IIS (6.0, 7.5)

**Genpact - HYDERABAD, ANDHRA PRADESH, IN January 2010 to November 2010**

**Role: Systems Engineer**

**Responsibilities:**

* Installed and configured of Linux servers using JUMPSTART and KICKSTART installation and periodic Patch upgrading using live upgrade.
* Installing and configuring .NET applications on IIS 8.0/7.5/6.0 Web servers on Windows 2012/2008 R2 servers
* Involved in Virtualization project which included designing, implementing and troubleshooting more than 300 VMware ESX (3.5 update 4) servers, and Oracle Virtual Machines (OVMs).
* Troubleshooting hardware and replacement of failed components running on LINUX environment, Performance tuning activities like allocation and monitoring of disk space using Disk Quota system.
* Installed and administered DNS, NIS, NIS+, NFS, and Send mail for centralization and firewall setup with iptables on Solaris and Red Hat.
* Installation, configuration and maintenance DNS servers, Mail servers, FTP servers, NFS, NIS, NIS+, RPM and Samba Web servers on Redhat Linux and CentOS.
* Expertise in creating Active Directory (LDAP based directory server) Users.
* Provided highly available data services to users using Solaris volume manager (SVM) and Logical volume manager (LVM).
* Created and maintained user accounts and print queues, installed tools/compilers including GNU required by the environment and maintained their licenses.
* Resolved config issues and problems regarding NFS mounts, NIS maps, user ids, rpm installs, and driver installs.
* Working on configuring load balancers like NLB, ARR, F5-BigIP for multi node environments.
* Configuration of Hardware and Software RAID. Disk replacement and File system recovery.
* Moved user accounts from one OU to the other OU.
* Working in building new environments by creating VMs, deploying windows operating system then installing platform pre-requirements, deploying applications and configuring security.
* Working on configuring load balancers like NLB, ARR, F5-BigIP for multi node environments.
* Used NTFS file system for securing data resources.

**Environment:** Windows 2003, SQL Server 2000, Redhat Linux, CentOS

**Education:**

**Bachelor of Technology**

Jawaharlal Nehru Technological University, Hyderabad, India.