**Sai Vamsi**

**Sr. VMWARE/WINDOWS ADMINISTRATOR**

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**OBJECTIVE:**

* **SR. VMware ESX/ESXi, Servers on Virtual Machines, VSphere CLI, VMware vSphere; Windows Administrator, PowerShell and Linux Administration.**
* Overall 8 years of experience in delivering enterprise solutions in multiple domains.
* Expertise in conceptualizing, designing, high skilled, IT Professional with experience in Windows and VMware Administration with a primary focus on installation, configuration, and administration of VMware vSphere ESX/ESXi3.0, 3.5, 4.0, 4.1, 5.0,5.5,6.0, 6.5,  VMware Virtualization, VMware Vcenter 4.0, 4.1, 5.0, 5.5 and 6.0, 6.5 and Windows servers (2000, 03, 08, 12). Experience in implementing and administering VMware vSphere Permissions, HA settings, DRS settings, FT settings, Cluster groups, Resource Pools, Host Profiles, Licensing, Templates, ThinApp and Networking. Knowledge about how to implement VMware Vrealize Automation (VRA).

**SUMMARY:**

* Overall 8 years of professional experience in installing, configuring, integrating, and automating data center technologies in VMware/Windows and Linux administration
* Accomplished systems administrator managing server infrastructures and data-center operations across multiple platforms (Linux, Windows).
* Designed, implemented and managed multiple scalable VDI environments consisting of Xen Desktops, multiple XenApp Farms | Sites, and published applications.
* Knowledge on AWS platform, EC2 instance, RDS, S3, cloud front, cloud watch (monitoring), IAM, AMI, Volumes, snapshots, Migrating Ec2 to different locations, Bash scripting and other services.
* Experience in deploying VM’s, managing users and groups, deploying domain controller to Azure, installing and configuring Azure Ad connect.
* Experienced in installing, upgrading, patching, configuring, administrating and maintaining various Windows Servers.
* Design the VMware environment including: **vSphere,** ESXI, SCCM, SCOM, vROPs, Log insight, SRM (site recovery manager).
* Experienced in Performance Monitoring, Security, Troubleshooting, and Backup, Disaster recovery, Maintenance.
* Extensive knowledge in advance features like **vMotion**, **StoragevMotion** and **Network**/**StorageIOControl**.
* Excellent experience in working on configuring **ESXi** hosts and clusters with all advanced features like **HA, DRS, DPM, and EVC** etc.
* Experience in **P2V, V2V MIGRATION** using **VMwareConverter** and **PlateSpin migrate tool.**
* Experience in working on **HostProfiles, Resource Pools, Storage Profiles**, **VMFS** data store and templates for client VMs.
* Developed and used Custom reports and built in reports in SCCM for reporting.
* Experience in Migration from SCCM 2007 to SCCM 2012.
* Used VMware vCenter Operations Manager (vCOPS / vROPS) for server and workstation monitoring.
* Very good experience in creating **DRS** affinity, anti-affinity rules as required by business.
* Extensive experience in upgrading vCenter server and associated components like SSO and database servers.
* Upgraded **ESXi** servers using **VMwareUpdateManager** (**VUM**), **CLI** and **DCUI**.
* Consolidating resources via Virtualization VMware and **Hyper-V**
* Excellent experience in working on **vSwitches** such as Standard**vSwitches** (**vS**S), **Distributed vSwitches** (**VDs**).
* Built Windows 2003/2008 Wintel Servers on standalone and blade servers based on application design and deployed stack on these servers
* Experience in configuring VMware DRS Rules and VMware HA on Clusters in Virtual Center.
* Good Experience in creating port groups, **VLAN** networking and **NIC** teaming on **VMware** ESX 5.x/4.x and vCenter environment.
* Strong knowledge and extensive experience in **data center migration projects**.
* Good experience on working on VMware Site Recovery Manager **(SRM**) for maintaining business continuity and performing **disaster recovery** (DR) activity.
* Managing the VMware (ESX / ESXi / Cluster / Datacenter) environment Capacity. Both available capacity and utilization capacity.
* Expertise in implementation and supporting VMware vSphere ESXi [ ] Vmware Workstation **NSX** environment.
* Integration of Vmware **NSX** with VMware's suite of products (Vrealize Automation, Vrealize Operations).
* Used ESXi Image Builder CLI to create ESXi install images with custom updates, patches and drivers
* Monitoring of **VM’s**&**ESXi** server components (CPU, Memory, Disk, Network Utilization) and security hardening for Security Compliance.
* Experience and understating in monitoring performance of Hosts and virtual machines, datacenters, monitoring backups using Net Backup operations Manager.
* Writing and developing from scratch windows **PowerShell scripts** for automating procedures within VMware VSphere environment.
* Involved in Site minder SSO System integration and Application Production Support.
* Troubleshot switch to server and back to the secure cloud connection.
* Extensive experience with Windows clustering on virtualized environments.
* Responsible for **OS maintenance** activities like upgrading the OS, updating the services and third-party software’s.
* Capacity planning tools like VMware Realize operations system.
* Provided **24/7 On Call production support** onsite and remotely on rotation basis.

**TECHNICAL PROFICIENCIES**

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| --- | --- |
| **VMwarePlatform Skills** | vSphere 6.2 / 6.0 /5.1 / 5.0 / 4.1 / 4.0, ESXi 5.1 / 5.0, ESX 4.1 / 4.0, Virtual Center Server, VMware View, VMware vCenter Orchestrator, HA, DRS, Storage VMotion, Site Recovery Manager, Host Profiles, vApp, VMware vCenter Heartbeat, VMware vSphere Client, VMware Thinapp, P2V, V2V, VMware Consolidated Backup, VMware Management Assistant, Capacity Planning, Plate spin Power convert. |
| **Microsoft Products and tools** | Active Directory Domain Services, AD lightweight Directory Services, AD Certificate Services, Active Directory Federation Services, Active Directory Rights Management Services, DNS, Exchange 2007, Exchange 2010, Hyper-V, WSUS server, SQL Server 2005, SQL server 2008, Microsoft System Center Configuration Manager, Microsoft System Center Operations Manager, IIS 6, IIS 7, DHCP, TCP/IP. |
| **Server Operating Systems:** | Windows 2000, 2003, 2008 R2, 2012 |
| **Desktop Operating Systems** | Windows XP, Windows Vista, Windows 7 |
| **Management Tools** | HP Onboard Administrator, HP Virtual Connect Manager, HP Service Manager, Avocent DS View, Putty, MKS Integrity Change Management Software, Vulnerability Management, groundworks VI Monitoring Tool, VMKernel Monitoring Software, IBM Tivoli Storage Manager, Microsoft Robocopy GUI, Solar winds IP Address Tracker, Veeam Backup, FastSCP. |
| **Switching** | DNS,DHCP,SAN Storage, TCP/IP, |
| **Remote Accesses** | VDI ,VRA, Storage vMotion, |

# Professional Certifications

* **VMware Certified Associate (VCA6-DCV)**

**Professional Experience:**

**CLIENT: Inovalon, Bowie, MD**

**Role: Sr.VMware/Windows Administrator Duration: MARCH 2016– PRESENT**

**Description:** Inovalon is a cloud-based analytics platform company empowering the healthcare ecosystem’s ability to transition from volume to value. Thiscorporation that makes software for the architecture, engineering, construction, manufacturing, media, and entertainment industries.Designing and implementation of new datacenter. Architecture designing implementation and supporting of Virtual environment using VMware technology.

**Responsibilities:**

* Was responsible for maintaining and supporting **1500+ servers** with about **1000+ users**
* Installing and Maintaining **Windows 2008** and **Windows 2012,2012 R2** Servers.
* Worked with all components of HP (Smart Start, Insight Manager, Diagnostics, Network Configuration Utility etc) and Wintel Stack
* Scheduled jobs for updating the **Firmware** and ProLiant Support Pack **(PSP)** through scripting and **Altiris** Tool and involved in the Data Center Transformation.
* Teaming NIC’s using **HP Teaming software** for redundancy during failures.
* Used **Altiris** to Install the Operating System and to run scripts to update patches on HP Servers
* Update **patches** on Servers Working Experience with **Active Directory** Components (AD Users and Computers, **DNS, DHCP** and **WINS** etc.
* Installed OS, patches and security policies through SCCM 2012.
* Used SCCM 2012 for software updates and for every month patch updates.
* Responsible for conducting vulnerabilityscanning and identify system and network vulnerabilities.
* Resolved Problems related to **Disk Space Usage.**
* Resolved problems related to **performance metrics** such as **Processor Usage**, **Memory** etc.
* Perform day-to-day operation and **troubleshooting** of VMs.
* Keep **Virtual hardware** and **VMware tools** updated to keep a healthy environment
* Maintaining **Print servers**, **Application servers** and **File Servers.**
* Hosting websites in **IIS** and configuring the **apppools**.
* Experience in installing and configuring **Microsoft Windows 2008 Servers** from **ILO** management tool on **Rack** servers and **blades**.
* Work with storage team to create **LUN**s/**NFS** and Map it to **VMware vSphere ESX (i)** hosts.
* Experience in installing and configuring **vSphereESX (i)** 4.1 on **HPbladeservers**.
* Experience in migrating VMware vSphere hosts from **ESX 3.5 U2 to 4.0** and **ESX (i) 4.1 to ESX (i) 5.0.**
* Experience in configuring **VMware standard vSwitch&dvSwitch.**
* Experience in configuring **VMware virtual machine port groups, console ports groups, VMKernal port groups and VLANs.**
* Experience in installing and configuring **VMware Virtual Center servers** and **VMware vCenter Appliance.**
* Managed VMwareESX (i) hosts using **vSphere client and Web client.**
* Played a vital role in Creating **Virtual Machines, Cloning virtual machines, converting P2V(used standard VMware converter tool), VM-Provisioning (Linked clones, thin disks, de-duplication ) taking Snapshots of virtual servers, HA, DRS, VMotioning.**
* Experience on creating **host profiles** and deploy to hosts in a **VMware clusters.**
* Created and documented process for deploying **Virtual machines** on VMware.
* Create **thin provisioned** VMs to suite client application requirements and **expandingHardDisksizes** as requested by clients.
* Used **Remedy Tool** for ticketing (Change Management, Incident Management, and Request Management).
* Provided **On Call** support 24x7 during Critical Issues for Production Environment.

**ENVIRONMENT: VMware ESX 5.1/5.5, VSphere 4.0, 5.0, 5.5 & Windows Server Proliant Servers & Dell Hardware (Rack and blade servers), NetApp FAS,brocade DS 5300, Flexpod, SCOM, SCCM, Oracle linux5.4, Symantec Netbackup, Active Directory and Vrealize automation.**

**CLIENT: Verizon, Irving, Texas.**

**Role: Senior VMware Administrator Duration: APRIL 2014 –FEB 2016**

**Description:** Verizonis a leader in telecommunication services, including cell phones, wireless, U-verse, digital TV, high speed internet, DSL and home phone services. Performed migration of servers to virtualized environment under VMware vSphere 4 using VMware Converter thereby reduced overall IT infrastructure footprint.

**Responsibilities:**

* Installed, Maintained **windows server 2003/2008** on HP and IBM servers
* Worked on providing 3rd Level **support** for **2500+** Windows 2003/2008 Servers.
* Build servers with Raid Configuration **RAID 5** and **Raid 1+0**on HP ProLiant DL380, 360, 580, ML370 servers.
* Worked on **Change Management, Request Management** and **Incident Tickets** in **Service Center**.
* Configuring windows **firewall** settings using group policy.
* Installed and Configured **WIN, DNS, DHCP, IIS and Terminal Services.**
* Extensively managed **Active Directory** like all the problems related to **user accounts, domain accounts, managing permissions** etc.
* Created package, advertisement and collection on the SCCM Console.
* System Center Configuration Manager (SCCM 2007/2012 R2/R3) operating system deployment (OSD) and administration hands-on experience
* Experience in **Remote deployment** of **Microsoft Windows 2003/2008** servers using **Altiris deployment solution** or manual installation of a server using **ILO** for remote connection to a server.
* Maintaining servers with latest **security updates, critical patches, anti-virus, and backup**
* Maintaining **Print servers**, **Application servers** and **File Servers.**
* **Decommissioning** of windows servers, including the disk wipes and drilling the hard disks depending on client requirements for each server.
* Experience in configuring **Microsoft Load balancer (NLB)** for Web Servers and Applications servers to distribute load and **High Availability**.
* Experience in **Remote deployment** of Windows 2000/2003 servers using **Altiris deployment solution** or manual installation of a server using **RSA/RILO** for remote connection to a server.
* Build 200+ **VMware vSphere hosts** and added to new/existing VMware Clusters on Wintel Stack and involved in the Data Center Transformation.
* Experience on creating new VMware Clusters with **HA** and **DRS** enabled.
* **Building new VMware virtual machines** to meet the specifications provided by the client.
* Experience in deploying new **Virtual Machines** from **OVF/OVA templates.**
* Creating **Roles and permissions in VMware ESX Server 3.0/3.5/4.0**
* Migrated **VMware ESX 3.5 u2 to ESX 4.0** using **VMware update Manager.**
* Experience on **hot** and **cold clone** process.
* Installed/updated patches on VMware ESX (i) hosts using **VMware Update Manager tool.**
* Updated **VMware tools** on virtual machines using **Update Manager tool.**
* Provided **24/7 On Call support** onsite and remotely on rotation basis.

**ENVIRONMENT:VMware ESX 5.1/5.5, VSphere 4.0, 5.0, 5.5 & Windows Server Proliant Servers & Dell Hardware, VCE / UCS, VBLOCK, Cisco, emcvnx5800, FlexPod comprised of vCenter, SCOM, SCCM, Solarwinds, Oracle linux 6.4, Cisco UCS and Nexus and NetApp FAS.**

**CLIENT: LSI Corporation, San Jose, CA**

**Role: VMware Administrator Duration: JAN 2013 - MAR 2014**

**Description:** LSI Corporation was an American company based in San Jose, California which designed semiconductors and software that accelerate storage and networking in data centers, mobile networks and client computingis a semiconductor manufacturing firm based that specializes in the design of ASICs, host bus adapters, RAID adapters, storage systems, and computer networking products. In addition, LSI also manufactures VoIP, modem chipsets, hard disk drives, USB, and other networking products.

**Responsibilities:**

* **Building new Windows Server 2003/2008/2008R2 & 2012/2012R2** on Intel Server Platforms, IBM/HP/Dell PowerEdge servers as per the company’s Windows build standards.
* Administered and setup **user profiles** in Win2003/2008 servers and ADS maintenance
* Administered and setup **Print servers** in Win2003/2008 server.
* Implementation of Microsoft **DHCP**, **DNS**, and **Domain** trust relationship, file and print services, user and group management.
* Implemented **RAID5** for **FaultTolerance** on **DomainControllers**.
* Installed SQL server 2005 and deployed many SQL cluster deployments for clients for database requirements.
* Migrated **IIS6.0** to **IIS7**.**0** using windows deployment tool 2.0.
* Patching the Production Servers during the green zone window with security patches.
* Maintain the Software deployment and management solution and ensure proper patching on client systems. Maintain the Domain environment, including setting policies as per the security settings.
* Defining group permissions and **creating** local and **global** groups with account policies using **Enterprise Administrator**. Creating user rights and defining local and roaming profiles.
* Used PowerShell scripting tool for automating the Windows updates, security patches, creating packages through SCCM and providing/removing access to the users and for troubleshooting
* Responsible to maintain the server inventory and document the server **build**/**decommission**, application installation/configuration, backup verifications, Operating System user accounts auditing, etc.
* Working on **Change Management** and **RequestManagementTickets** in **Remedy** Tool
* Built and configured **ESX** 3**.5**/**4**.**0** hosts and deployed XP/Vista/2003/2008 VMware Virtual Guests on Wintel Stack
* Experience in configuring and enabling **VMware EVC** on VMware clusters.
* Experience with VMware system patching using update manager.
* Responsible to ensure servers are current with firmware, drivers, patches and security updates.
* Proficient in managing ESX **Hosts** using VMware **vCenter**.
* Linked Different vCenter servers using linked mode to have a single instance through vSphere client to manage the whole Virtual environment.
* Experience in configuring **Hardware iSCSI** to Rack servers and add storage to **VMware ESX hosts.**
* Experience in configuring **VMware vCenter Alarms** for data store and host memory and CPU usage.
* Experience in configuring and management of **VMware Clusters**, **VMwareDRS**, **High Availability**
* (**HA**) and **VMotion**.
  + - * Experience in setting up **VMwarestandardvSwitch** and ports groups (**ServiceConsole**, **VirtualMachine** and **VMKernel**.
      * Created and managed **Virtual Machines and Templates**, worked with **clones** and **snapshots** of Virtual Machines.
      * Experience in creating **Virtual Machines** on Shared Data Store.
      * Worked on Migrating Virtual Machines with **VMotion.**
      * Providing **24/7 on call support** for critical and production issues**.**

**ENVIRONMENT: VMware ESX 4.0/3.5, VSphere 4.0, 5.0, 5.5 & Windows Server Active Directory 2003, VCOPS, EMCVNX5700, HP Proliant Servers & Dell Hardware, VCE / UCS, VBLOCK, SCOM, SCCM, Cisco, VMAX, Flexpod, Solarwinds, VNX, Citrix XenApp 6.0 etc. PowerCLI Server OS: Windows Server FAS3040, FAS3270, FAS3240, FAS2040, FAS3140 Filers**

**CLIENT: American International Group, Houston, TX.**

**Role: WINDOWS ADMINISTRATOR Duration: Dec 2010 - DEC 2012**

**Description:** American International Group is the largest insurance firm in the United States that has interests in commercial and industrial assets. Project involved day to day server administration maintenance and periodic system upgrades to ensure high availability and minimum downtime.

**Responsibilities:**

* Main role is to provision **virtual machines** and **physical** as per client requirements.
* Extensively managed **Active Directory** like all the problems related to user accounts, domain accounts, managing permissions etc.
* Involved in operational support of **ActiveDirectory**, **WINS**, **DNS**, and **AD** enabled applications.
* Installing and updating the windows patches.
* Creating **NTFSshares** on Windows Servers and provide permissions to users.
* Setting up perform windows servers to analyze performance issues.
* Built and manage Virtual servers on **VMwareESXServer3**.0**/3.5.**
* Experience in creating **Clusters** in Virtual Center and adding **ESX**Hosts to Virtual Center Cluster.
* Experience in setting up **VMKernelNetwork** and Enable **VMotion**.
* Worked on Migrating Virtual Machines with **VMotion**.
* Experience in configuring VMware **DRS** Rules and **VMwareHA** on **Clusters** in Virtual Center.
* Experience in creating and monitoring **ResourcePool** for Virtual Machines **ResourceReservation** and **Limits**.
* Troubleshoot computer/network, Internet and email problems for users.
* Creating and managing user accounts and the groups in Active Directory users and computers.
* Involved in daily Performance monitoring and Active Directory troubleshooting with the ability to analyze server performance and make recommendations for improvement.
* Helped in auditing Datacenter Inventory in the process of Data center migration

**Environment: Windows Server Windows 7/XP, Active Directory, SCOM, VMware ESXi 4.0 Server,VMware View, HP DL & ML server series, IBM Xseries& System x servers, Flexpod, HP Insight Manager, Solarwinds, IBM Director, Cisco Enterprise Network, MS PowerShell, NetApp FAS 960c, FAS2020, FAS3040, DMX 4**

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**CLIENT: CATERPILLAR, CHENNAI, India**

**Role: WINDOWS ADMINISTRATOR Duration: September 2009 - OCT 2010**

**Description:** Caterpillar Inc. is an American corporation which designs, develops, engineers, manufactures, markets and sells machinery, engines, financial products and insurance to customers via a worldwide dealer network. Installs, maintains, and supports servers and enterprise computer systems. Works with other groups to implement new software installations and packages. Monitors alerts and takes action accordingly.

**Responsibilities:**

* Worked as systems engineer for support and maintenance of **server hardware** and **applications**.
* Helped in preparing documentation for **server deployments** and configurations for application installations.
* Performed **Windows server installations** for expansion of existing servers to handle **server CPU** and **Memoryload**.
* Performed few **infrastructure application** installations in **clustered** environment as part of load balancing to handle application load and to reduce downtime.
* Worked as a **hardware technician** for hardware maintenance and replacement.
* Used monitoring tools for **server monitoring** and maintenance.
* Performed troubleshooting on **windows event logs** and errors for system and application event **logs**.
* Took active part in administrative tasks and maintenance of servers.

**ENVIRONMENT: Windows Servers, Active Directory, NAS, IIS 4/5/6, Cisco routers & switches, HP DL & ML server series, IBM Xseries& System x servers, HP Insight Manager, IBM Director, Cisco Enterprise Network, VMware ESX vSphere 4.0, 5.0, Active Directory, HP Proliant DL and Blade Servers and Cisco UCS blade servers.**