**Sai**

**Sr. VMWARE/WINDOWS ADMINISTRATOR**

**Ph. 515-808-2459**

**Email:** svkiran.g@gmail.com

**Professional Summary:**

**Over 8+ years of professional experience as Systems/VMware in supporting windowsNT/2000/2003/2008/2012 servers and linux administration.**

* Expertise in **installation, configuration** and **administration** of Windows NT/2000/2003/2008/2008R2 & 2012/2012R2 servers on **HP/Compaq, Dell Power Edge, IBM xSeries** hardware platforms.
* Expertise in **WINS, DNS, DHCP** and **Active Directory services** in Windows 2003/2008//2008R2 & 2012/2012R2 servers.
* Experience working on **Change Management, Request Management** and **Incident Management** in **Service Center/Remedy.**
* Experience with the various Windows protocols and services: WINS, DNS, IIS, SFTP, Terminal Services.
* Experience in Implementing and Administration of **Active Directory** Services, replication, Trust Relationship and Enforcing **Domain Group Policy**.
* Experience in implementing and configuring hardware and software **RAID** under Windows NT/2000/2003/2008.
* Good experience in **Blade server hardware, RAID, Microsoft Windows Clusters. Compaq / HP Blade Server hardware** maintenance. HP Insight Manager
* Worked in large complex directory environments with experience supporting Windows 2003/2008 Active Directory (AD).
* Experience with **Microsoft Network Load Balancing** and **Microsoft Clustering technologies**.
* Excellent skills in **patching and hardening** Win2000/Win2003/2008//2008R2 & 2012/2012R2 servers using Windows Update and also by using the staged patches.
* Experience in resolving all levels of **Severity Tickets**, root cause investigations, system outages.
* Proficient Experience in installation and configuration of VMware **ESX 3.0/3.5,vSphere 4.0, VMware ESXi 4.1/5.0/5.1/6.0, VMware Virtual Center 2.0/3.5/4.0/5.0/6.0 & 6.2.**
* Experience in configuring VMware **CPU** and **memory** shares for virtual machines. block
* Experience in building **VMware virtual machines** from templates and CD/ISO image.
* Administration of **VMware Virtual Center** and virtualization services **VMware DRS, VMware HA, VMotion** and **SVMotion.**
* [Protocols in TLS/SSL (Schannel SSP)](https://docs.microsoft.com/en-us/windows/desktop/secauthn/protocols-in-tls-ssl--schannel-ssp-)
* Expert knowledge on configuring hardware **iSCSI** and **NFS** storage to VMware ESX (i) hosts from vSphere client**.**
* Experience in configuring **VMware standard vSwitch&dvSwitch.**
* Experience in cloning **VMs and deploy new virtual machines from** clones**.**
* Converted many **(P2V)** physical servers to Virtual Machines using **VMware vCenter Converter** part of **decommission** legacy servers effort.
* Experience in **migrating** the virtual machines between the ESX (i) Hosts using **cold migration and VMotion.**
* Provided **24/7 On Call production support** onsite and remotely on rotation basis.

**TECHNICAL PROFICIENCIES**

|  |  |
| --- | --- |
| **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 AdministratorDuration: 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.
* 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.
* Basic understanding of ciphers, certificates and TLS/SSL
* Web certificates creation and knowledge on SSL & TLS
* Internet server protocols and utilities (DNS, SMTP, POP, IMAP, HTTP/S, TLS, S/FTP, TCP/IP, SSH, and IP tables)
* Experience in Oracle web logic server security configurations including SSL and TLS certificate installation and configuration
* Experience in WAS server security configurations including SSL and TLS certificate installation and configuration
* 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.**
* Created Design Plan for SCCM 2012 R2 environment.
* Project Lead - performing migration from SCCM 2007 to SCCM 2012.
* Setup Test LAB environment with SCCM 2007 and SCCM 2012 for migration.
* Manage all of the SCCM server for planning and future road map.
* Monitoring the SCCM Servers for daily issues with errors or packaging distribution problems.
* Upgraded SCCM 2012 R2 Primary Site with SP2 and Cumulative 2 update.
* Created maintenance collections to identify unhealthy SCCM Clients in the environment.
* Created custom SCCM reports through SQL queries and SQL report builder.
* Created VBscript and PowerShell scripts to maintenance SQL and SCCM tasks
* Recently upgraded SCCM 2012 R2 1511, which includes SCCM site servers and 10,000 clients with the upgrade. 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.
* We run a "vBlock style" deployment, EMC SAN and UCS blades without the verified design and tbh I don't see the point in a single call service.
* All the issues we've seen so far are very clearly to do with the Storage Array (EMC), the Storage Network (Cisco), the Servers (Cisco) or the Virtualization layer (VMWare).
* Experience in implementation and administration VMware vSphere ESXi 5.x/4.x, ESX /3.x platform, vCenter 5.x/4.x and vBlock […] series.
* Extensive knowledge in advance features like vMotion, Storage vMotion and Network/Storage Control.
* Excellent experience in working on configuring ESXi hosts and clusters with all advanced features like HA, DRS, DPM etc.
* Experience in P2V, V2V MIGRATION using VMware Converter and Plat Spin tools.
* Experience in working on Host Profiles, Resource Pools, Storage Profiles, VMFS data store and templates for client VMs.
* 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.
* 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, SSL & TLS,VSphere 4.0, 5.0, 5.5 & Windows Server Proliant Servers & Dell Hardware (Rack and blade servers), NetApp FAS,brocade DS 5300,VCEVblock,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.
* Hands-on experience with IBM’s HTTP Server TLS and SSL Configuration
* Install, configure and maintain SSL and TLS Certificates.
* Working knowledge of protocols and technologies such as TLS, TCP, UDP, SSL, FTP, SMTP, NetBIOS and DHCP
* Generate and install SSL and TLS certificates on Windows Server
* 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.
* Enroll the entrepreneurs to the VRA and different trainings available (Blended learning and Digital Learning).
* Come up with training dates and plan on the training venues in coordination with the trainers.
* Assist the trainers in VRA during the training sessions.
* Follow up with the mentorship process with VRA to make sure entrepreneurs have adapted the different kinds of digital platforms options given to them.
* Report to the Team Leader in VRA on the improvements of the businesses and positives experienced by the entrepreneurs after adoption to the various digital platforms.
* Provide field technical support to the VRA/VRCs during voter registration.
* Manually fixing workstations and servers with SCCM 2012 Client issues.
* Mentor junior staff and present on SCCM 2012 features.
* Documenting all fixes and tips for the benefit of the current staff to utilize.
* Participated in SCCM 2012 migration meetings
* Participated in IS Staff Meetings.Experience on creating new VMware Clusters with HA and DRS enabled.
* Building new VMware virtual machines to meet the specifications provided by the client.
* Provide implementation and Data center migration process support, Build new servers on UCSenvironment
* Perform P2V, V2V. V2P over 2500 servers to new site using PlateSpin and vmware converter
* Work closely with the Virtualization team in the execution of server’s hardware, firmware and software upgrades.
* Build service profiles, boot policies from template from Cisco UCS manager
* Engage with various technology teams as needed to troubleshoot, diagnose and resolve migration issues.
* Responsibilities include management of others, customer service, employee hiring and training, cash handling, and ongoing operational tasks, such as inventory ordering and daily planning.
* Implemented innovative solutions, such as establishing an ordering/ receiving system, and designed and deployed Point of Sale system and local area network. Conducted weekly maintenance of back of the house server and minor troubleshooting and upkeep for business critical network.
* Set up and deployed business network and phone systems, including cabling, internal addressing scheme, and remote access to server, WAN connectivity through Telco, and redundancy for credit card batch processing.Experience in deploying new Virtual Machines from OVF/OVA templates.
* Creating **Roles and permissions in VMware ESX Server 3.0/3.5/4.0**
* Accountable for the design and day to day operations of the 600+ TB storage environment.
* Setup and implemented Commvault and DataDomain device.
* Managed and monitored the capacity and performance of the storage environment and provided monthly reports to Senior IT management.
* Key driver for establishing enterprise level storage standards, policies and procedures according to best practices.
* Implemented a tiered storage platform by generating service levels agreements and providing lower cost alternatives based on application performance requirements.
* Negotiated vendor support relationships and achieved an overall reduction in cost for maintenance agreements
* 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.ucs cisco**
* Provided **24/7 On Call support** onsite and remotely on rotation basis.

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

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

**Role: VMware AdministratorDuration: 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.
* 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, 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 ADMINISTRATORDuration: 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.
* On-site troubleshooting and resolving complex technical problems with Supermicro equipment in an enterprise environment.
* Provided L2 support to the reseller/distributors/service providers in all aspects of customer support. Working with Technical Account Managers to ensure customer satisfaction.
* Responsibilities included technical team training, inventory management, disaster recovery and preventive maintenance
* Having a more direct role in the client's environment, has increased my knowledge on x86 architectures. I now have a more comprehensive understanding of chipset compatibilities and overall server hardware troubleshooting. All under the same 24x7x365 reliability and support, that my career is structured on.
* 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 ADMINISTRATORDuration: 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.**