

**Vinay Singh**

**Phone: 214-431-4825**

**EMail: vinaysinghwa@gmail.com**

**Professional Summary:**

* **Over7+Years**of IT experience in **Microsoft Windows Systems** and **VMware Administration.**
* Operating and Supporting **Microsoft Windows Servers2012,2008 R2/2008**, **2003 R2/2003, 2000, NT** on **HP**, **IBM, Dell** and **CompaqBlade Servers**.
* Installing, Configuring & Troubleshooting **VMware ESXi, ESX 5.1/5.0/4.1/4.0/3.5, vSphere5.0/4.0, Virtual Center 2.5 Servers.**
* Experience in Installing, Configuring and Supporting Intel or AMD based **HP ProliantDL580, DL380, DL360 Servers**, **BL460c,BL20p Blade Servers, Dell Power Edge Servers** and **IBM Blade Center.**
* Hands on configuring Hardware and Software **RAID Technology** in **Windows 2008 R2, 2008, 2003 R2, 2003, 2000,** and **NT**.
* Experience in managing Data Center environment with Administering, Installing, and Troubleshooting Microsoft Servers and Workstations.
* Extensive experienced in **WINS, DNS, DHCP**, and **Virtual Server** Administration on Microsoft Windows Servers.
* Worked on **Patch Management** on Windows Server and also on upgrading the existing **S**ervers with latest Service Packs, Security Patches.
* Expertise in configuring **Virtual Machines** on **ESX & ESXi** Server and installing hosts and Migrating Virtual Machines across various **Vmware ESX** Server, **VMware** Servers and **Workstations**.
* Experience in Cloning Virtual Machines from Templates through VMware vSphere Client.
* Involved in Installing and configuring **IIS 6.0**on **Windows 2003,** and **IIS 7.0**on **Microsoft Windows 2008 R2** environments.
* Hands on migration of servers **P2P, P2V and V2V** by using **VMware Converter, Platespin,** and **Zerto**.
* Hand on experience in upgrading the existing Microsoft Windows Servers with latest Service Packs, and Security Patches.
* Involved in monitoring of Servers through MOM or SCOM tool, BMC Patrol and maintaining the health checks. Configuring the **SNMP** agent for the servers to receive the alerts through NMS system and resolve accordingly.
* Experience in **analyzing** and **troubleshooting** Microsoft Windows Server hardware, Software and clustered environment problems.
* Expertise in creating Backup policies and scheduling backup Jobs using **TSM, VERITAS** Backup, **NT** Backup, **NetBackupExec** and **Autoloadertapedrive**.
* Extensively worked on **vMotion, Storage vMotion** and **Microsoft Active Directory.**
* Experience in installing and maintaining the operating systems, deploying and managing the [application](http://searchsoftwarequality.techtarget.com/sDefinition/0,,sid92_gci211585,00.html)s using **VMware vCenter Lab Manager**.
* Excellent knowledge in **Vmware ESXServer** security tasks creating and applying **Roles** and **Permission** within **ActiveDirectory Users** and **Groups** and also configuring **vMotion**, **ResourcePool**, **DRS**, **HACluster**, cloning and migrating **Virtual Machines**.
* Experience in Startup Scripts from source domains.
* Experience in assembling, disassembling, installing and configuring **Laptops** and **Desktop** Machine- **Windows7**/**Vista**/**XP** and joining them into **Domain**.
* Provided Reports (monthly, weekly, daily) on the Windows Servers and suggested up gradations of server licenses.
* Hands on installation and configuration of **NetworkPrinters** such as **HPLaserJet2200Series**, **Epson**, and **BrotherPrinters**.

**Professional Skills:**

**Operating Systems: Windows2012, 2008 R2/2008/2003 R2/2003/2000 Servers, Windows 7/Vista/XP, Windows NT 3.5/4.0.**

**Servers: Compaq/ DELL/ IBM/ HP Blade server/ HP Proliant ML, DL580, 380, 360, Proliant 5500/3000 Series Servers.**

**VMware: VMware vSphere 5.0/4.0, ESX Server 5.0/4.0/3.5/3.0, vCenter/ Virtual Center Server 4.1/4.0/2.5/2.0, VMware HA, DRS, DPM and FT, vMotion, SVMotion, VMwareConverter 5/4/3, VMware Converter boot CD.**

**Databases: Microsoft SQL Server 2008/2005.**

**Backup Software: VMware, Vizoncore Vranger Pro, and Symantec Backup exec Tools.**

**Software Packages: Microsoft Office 2013/2010 &2003, and Microsoft Visio.**

**Education:** Bachelor of Science.

**Professional Experience:**

**Client: IBM/Viewpointe Jan 2014 to Present**

**Boulder, Colorado**

**Role: Windows and VMware Administrator**.

**Responsibilities:**

* Involved in deployment of virtual machine from the Gold Image Template ESX 5.1 with 2008 R2 Windows OS; Managing virtual servers
* Configured/checked semantic client/definition and Services.
* Hands on installing Shavlik tools, run patches and patch scan and upload reports
* Installed and configured tripwire.
* Hands on update of OS Admin and guest account description with server Build date and change number.
* Managed server backup and restore using Tivoli Storage Manager; Configured Tivoli Monitoring.
* Installed TSM Client using TSM VB Script and register TSM Client.
* Hands on experience adding server to LogLogic; Vormetric Client Registration; Tivoli Asset Discovery for Distributed (TAD4D) scan.
* Hands on verifying SEA Agent reports sent successfully to IBM Website.
* Experienced in configuring IIS Manager and specifying logfile location.
* Experienced in custom sized pagefile.
* Installed and configured TCP/IP, DNS and joining server to domain.
* Register 2008 R2 Windows OS.
* Address Help Desk regarding work order/incident report related to Windows Server Monitoring System availability and performance.
* Implement change management request related to Windows Server Environment.

**Environment:** VMware ESXi 5.1, vSphere 4.0, vCenter 4.0, Windows Server 2008 R2, Windows 2007 Professional, Outlook 2013, IBM Lotus Notes 8.6, MS Office 2013.

**Client: Florida Department of Economy Opportunity June 2013 to Dec 2013**

**Tallahassee, FL (State Of Florida)**

**Role: Windows and VMware Administrator**.

**Responsibilities:**

* Hands on Configuration, Installation and Maintaining of **Microsoft Windows 2012, 2008 R2/2008/2003R2/2003/2000 Servers** on **DELL** and **IBM Servers** in Development and Quality Assurance (QA), User Acceptance Test (UAT) and Production instances.
* Installed, **SNMP** Tools on **DELL**, **IBM** and **VM Servers** also installed **Dell Management** Services on **DELL Servers.**
* Worked on Re Racking and Cabling in Datacenter on **DELL Power Edge** and **IBM BladeCenter Servers**, also Decommission **IBM Blade Center H Server** and Prepared Documentation for **Migrations**.
* Hands on Installation, Configuration and Administration of **VMware ESXi 5.1**, **Virtual Center 4.0** Servers and patching, management and troubleshooting of **VMware**, and **ESXi Servers**.
* Administered ESXi and VM Storage Issues and also coordinated with the Storage Admin Team.
* Created **User Accounts** and **Groups** in **Active Directory**.
* Installed and Configured **WIN, TCP/IP, DNS, DHCP, IIS** and **Terminal Services**.
* Worked on **User Accounts, Domain accounts, Administrative Rights, Security,** and **Distribution Groups** with Active Directory file share and AD permissions.
* Hands on **Patch Management** on windows server and upgrading the existing **S**ervers with latest Service Packs, Security Patches.
* Involved in fixing the vulnerability error messages related to Windows 2008, 2003, Applications and Hardware.
* Administered **footprints service** for **Incident Reports**/Tickets, **Change Management,** and **Request Management**.
* Participated in Weekly Status meetings and created weekly status reports with current status, Incident Reports and Change Management for managing the applications.
* Participated in creating security policies in Active Directory.
* Worked on Active Directory Services, IIS Servers, DNS, and DHCP.
* Worked on the Backup and Recovery of the Database using Symantec NetBackup 7.5.

**Environment:** VMware ESXi 5.1, vSphere 4.0, vCenter 4.0, Windows Server 2012, 2008 R2/2003, Windows 7, Active Directory, DELL Power Edge and IBM Blade CenterH Servers.

**Client: Super Media Inc., Waltham, MA. July 2011 to May 2013**

**Role: Windows and VMware Administrator.**

**Responsibilities:**

* Involved in Installation, Configuration and Administration of **VMware ESX 5.0**, **Virtual Center 4.0** Servers and also patching, management and troubleshooting of **VMware**, and **ESX Servers**.
* Configured the servers with **Raid Configuration** on **HP Proliant DL585**, **DL380** Servers**.**
* Participated in Installation and configuration of **vCenter Server**, and **vSphere** licensing.
* Involved in Installation, Configuration, and Maintaining of **Microsoft Windows 2008/2003 Servers** on **HP** and **IBM Servers** in Development and Quality Assurance (QA), User Acceptance Test (UAT) and Production instances.
* Created **User Accounts, Domain Accounts, and Distribution Groups** with Active Directory.
* Used **ILO** and **Remotely Anywhere** for accessing servers and maintaining them remotely.
* Installed and Configured **WIN, TCP/IP, DNS, DHCP, IIS** and **Terminal Services**.
* Worked on Installation of desktops using VDI environment.
* Migrated **P2P, P2V** and **V2V** Servers using **VMware Converter.**
* Involve in **Patch Management** on windows server and also on upgrading the existing **S**ervers with latest Service Packs, Security Patches.
* Supported ESX and VM storage issues and also coordinated with the Storage Admin Team.
* Administered **User Accounts, Domain accounts, Administrative Rights, Security,** and **Distribution Groups** with Active Directory.
* Involved in the maintenance and up gradation of DNS and DHCP servers.
* Performed P2V conversions using converter enterprise 4 and 5 and also P2V cold conversion using VMware Converter Boot CD.
* Worked on the Backup and Recovery of the Database using Symantec Backup exec.
* Configured and maintained new VM’s and Installed Microsoft Windows 2008 and 2003 Servers, managing VM’s and ESX servers by using VIC, Putty and Web Access and installing the VMware Tools on the VM.
* Experience in Installing, Clustering and Administration of SQL Server 2005 on **WindowsCluster**.
* Involved in executing Nexus vulnerability scanning tool to identify the errors on windows servers according to the **PCI Compliance**.
* Involved in fixing the vulnerability error messages related to Windows 2008, 2003, Applications and Hardware.
* Used to PowerShell to terminate the users and give the different access codes to different users.
* Actively worked with corporate security to identify and remediate areas of workstation risks after implementation of Marimba and **SMS/SCCM** there were no significant security events within the corporation.
* Participated in Weekly Status meetings and created weekly status reports with the current status, Incident Reports and Change Management for managing the applications.
* Actively involved in planning the disaster recovery and responsible in understanding the BCP requirements and coordinating BCP (Business Continuity Planning) activities.
* Participated in creating the security policies in Active Directory.
* Extensively worked with Active Directory Services, IIS Servers, DNS, and DHCP.
* Used **RemedyTool** for **Incident Reports**/Tickets, **Change Management,** and **Request Management** in **Remedy** by meeting the SLA requirements.

**Environment:** VMware ESX 5.0/4.0, vSphere 4.0, vCenter 4.0, Windows Server 2008 R2/2003, Windows 7/XP, Active Directory, HP Proliant DL and Blade Servers.

**Client: WellPoint, Wallingford, CT. April2010 to June2011**

**Role: Windows and VMware Engineer.**

**Responsibilities:**

* Hands on **Installation** and **Configuration** and Maintenance of **Windows 2008/2003/2000 on HP ProliantDL380G3** and **G4Servers**using HP Smart Start and Hard Disk Array configuration with RAID5.
* Created **User Accounts** and **Groups** in **Active Directory** (AD).
* Configured Basic & Advanced HPiLO (Integrated Lights-Out) on remote domain controllers to monitor & troubleshoot from a standard web browser.
* Installed **Windows 2003/2008** Enterprise Server on HP Servers and build them as Domain Controllers in Active Directory for Development, Test (UAT) and Production environments.
* Administered a Microsoft Cluster Server with SQL server 2005/2008.
* Cloning, deploying **VM’s** to Template, Templates to VM’s, VMotion, Storage VMotion etc.
* Configured the NTP server in **ESX Server** for the time synchronization between ESX and VM’s.
* Generated report summary and performance for **ESX Servers** and **VM’s**.
* Created snapshot’s for the **VM’s** and also created new folders, data centers, clusters and resource pools in the VC.
* Involved in providing 3rd level support for the **SCCM** infrastructure and standard desktop software.
* Worked with windows server update Services and System Center Configuration Manager and System Center Operations Manager.
* Monitoring SCCM infrastructure, traffic, processes, capacity utilization, and performance.
* Experience in Scheduling Tasks, Monitoring Tasks, Created alarms and Deploying load balancing, implementing Network security.
* Deploying HA & DRS Cluster, Managing resources.
* Migrating virtual machine configuration files and virtual disks from one Data store to another Data store.
* Migration of servers **P2V** and **V2V** by using **PlateSpin**.
* Worked on Customizing VM’s (Memory, hard disk, NIC) and Analyzing log files, Resources utilizing monitoring.
* Configured NAS, SAN, and iSCSi storages to the **VMware ESX Servers** and installed the iSCSi Software and Hardware Adapters to the **ESX Servers**.
* Worked on troubleshooting the issues related to Servers, Local Services, Data Centers, and Server Configuration for Microsoft Windows Systems.
* Involved in Implementing and Testing desktop virtualization and **VMware View** to the client.
* Performed Windows Systems Administration including installing system **Security Patches, Hot Fixes**.
* Problem analysis and Troubleshooting of **ESX Server** with service console.
* Resolving issues on servers, VLANs, routers, and switches in the data center.
* Created new **VMware virtual machines** to meet the specifications provided by the Client.
* Configured **vMotion** for Hardware Resource Management.
* Troubleshooting the Hung **VM Sessions** on **ESX Host** and sending the files to **VMware** support for resolutions.
* Supported and Managed **Vmware ESX 3.5** and **4.0** infrastructure for production/non production environments including HA/DRS Clustering.
* Creating and managing security groups and reconciliation of the same regularly.
* Up gradation of Active directory 2003 to 2008 and troubleshooting AD problems.
* Responsible in using **BMC Remedy** System for incident, change and problem management.
* Involved in On Call rotation for supporting production strictly maintaining SLA’s.
* Created **documentation** for Server Builds, Application Installations, Mapping the drives and Issues which occur during software upgrades.

**Environment:** VMware ESX 4.0/3.5, vSphere 4.0, Windows Server 2008/2003, Active Directory 2003, HP Proliant Servers.

**Client: UniFocus, Irving, TX. October 2008 to March 2010**

**Role: Windows Administrator.**

**Responsibilities:**

* Worked on Installation, Configuration and Administering **Microsoft Windows 2003/2000** Enterprise Servers.
* Involved in analyzing and implementing **OS patches** and hot fixes as well as other OS configurations and updates using Blade Logic Patch Management tool.
* Managing Domain Controllers and Additional Domain Controllers.
* Configuration of **Domain Naming Server** (DNS) and **Dynamic Host Configuration Protocol** (DHCP).
* Implementing Disaster Recovery by Optimizing **FSMO roles** Placement.
* Creating User Accounts, Configuring User Profiles, Creating local and Global Groups and implementing Group Policies.
* Sharing Folders, Planning and Assigning **NTFS Permissions** and System Policies.
* Installation of Operating Systems Windows XP, Windows 2003/2000.
* Configuration and Managing Remote Installation Service (RIS).
* Implementing user administration like adding, deleting and modifying user accounts.
* Created documentation for Server Builds, Application Installations, Mapping the drives and Issues which occur during software upgrades.
* Installation of various software applications.
* Experienced in **LAN/WAN** configuration and maintenance on CISCO Routers and Switches and also Managed DNS Server and troubleshooting problems.
* Responsible in monitoring backups and restoration using net backup exec.
* Involved in Disaster Recovery restoration of Microsoft Windows 2003/2000 Active Directory Domain controllers.
* Responsible for operations and maintenance for **TCP/IP**.
* Providing network support and ensuring the business is run without failure.
* Responsible in maintaining up-to-date documentation of IT activities.

**Environment:** Windows 2003/2000 Servers, FSMO roles, DNS, DHCP, NTFS, Windows XP/98, TCP/IP, LAN/WAN.

**Certifications:**

* Microsoft Certified System Engineer.
* VMware Certified Professional.