Gowtham

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**Summary:**

* Over 6 years of total IT experience on **VMware Virtualization,System/Windows Administration**
* Expert on Planning, managing and **Installation VMware ESX 4.x /5.x server**
* Expert on VMware VSphere storage design and configuration**SAN**, **ISCSI**, **NFS**
* Experience with VMware **View 4.x/5.x**, **VDI**, **Update Manager**, **DRS**, **HA**, **vCo**, **vCops**, VMware Replicator, **VSom**.
* Expert in VM Deployment, Migration of VM’s both **P2V** and **V2V** using tools like Plate Spin, VMware Converter and VCenter Guided Consolidation.
* Implemented and managed **HA** and **DRS** clusters. Configured Fault Tolerance **FT** for critical applications and planed for no business Outage.
* VDI Implementation using latest **VMware Horizon 7.0**.
* Experience in building VDI infrastructure using**Vmware View** and **Vmware Horizon**.
* Experience in building **View Connection Server**, **View composer**, **Identity manager**. And also**Cloud Pod Architecture**.
* Integration of **VMware view** infrastructure with the **vCenter** Environment.
* Expert with **vCloud suite** includes **VCD**, **vShield**, **vCops**, **VMware mirage**.
* Installation and configuration of **Windows 2008** and **Active Directory services**
* Experience with EMC backup platforms **AVAMAR** and **DATA DOMAIN**
* Experienced in Disaster recovery solution for **VMwarevSphere** Environment
* Expert at **AD**, **DNS,DHCP**, **File Server**, **IIS Web Server**, **FTP**, **Terminal Server**, **Windows Clustering,Exchange Mail** administration.
* Experience with **AD Group Policy**, **GPO**, **GPP**, Users, Domain users and also handled permissions of users, Groups, **File shares** and Privilege to access LAN and Domain.
* Hands on experience with **citrixXenapp**, **Xen Desktop**.
* Experience in **Python** Scripting.
* Expert in **DecommissioningVM’s** and **Esxi** and all **Hardware** with in Data Center.
* Experience with **Symentic Management Platforms**.
* Network automation using tools like **Infoblox**,**Solarwinds** etc.
* Experience with **HP**, **CISCO**,**IBM blade** servers and **rack mount** servers
* Expert on **HP enclosureonboard administration** and **Virtual Connect**
* Experience with enterprise backup systems and disaster recovery with **SRM**
* Familiar with all networking protocols like **TCP/IP, HTTP, DNS, SMTP**
* Expert on **Windows Server 200x** administration in multiple data centers

**Technical Skills:**

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| **VMware Products** | **vSphere 4.X/5.X, vCenter Server, vCloud Director, Site Recovery Manager, vSphere Replication Manager, Lab Manager, VC Operations Lab. SRM, VMware SDDC, VRealize Automation, VRealize Orchestrator** |
| **Infrastructure Hardware** | **CISCO UCS C and B series server.**  **HP ProLiant BL460C (G6 and G7) Blade Server series,**  **DL380,DL 385, DL580 (G2, G3, G5,G8) physical servers,** |
| **Server Operating Systems** | **Windows 2003R2, 2008, 2008R2, 2012, VMware ESX/ESXi, RHEL 6/5.** |
| **Network Protocols** | **SMTP, SNMP, DHCP, POP, SMB, NIS, NFS, DNS, FTP/SFTP, ARP/RARP, SSH, TCP/IP, NTP, TELNET,LDAP** |
| **Storage** | **EMC Power Path, Symmetric/Clarion, NetApp V6000.** |

**Pfizer, IL May 2016- Mar 2017**

**Systems Administrator**

**Responsibilities:**

* Worked on Planning, design and installation of **VMware ESX 5.x** environment.
* Upgrades VMware environment **5.1/5.5** to **6.0** and upgrades all operating systems from **windows 2k3** to **2k12**.
* Implementation of **Public/Private cloud** infrastructure using **VMware vCloud Director**.
* Performed many **hot/cold VM** provisioning and **P2V, V2V** migrations using **platespin** and **Vmware Converter**.
* Integrated **VCAC** with **Vcenter** Server, VCloud Director **vCD**, vRealizeOrcestrator**vRO**, VCenter Operations Manager **vCops**, vRealize Business **vRB**.
* Vmware patch management using **VMware Update Manager** and updating all server Certificates.
* Experience in building VDI infrastructure using**Vmware View** and **Vmware Horizon**.
* Experience in building **View Connection Server**, **View composer**, **Identity manager**. And also**Cloud Pod Architecture**.
* Experience with **Symentic Management Platforms**.
* Network automation using tools like **Infoblox**,**Solarwinds** etc.
* Assigned storage in **SAN** and creation of **VMFS** data stores.
* Expert in VM’s network configuration. Configured **Standard Switch/Distributed Switches** in **VCenter 5.x** environment.
* Configured VM’s **HA**, **DRS**, **FT** settings and alsoConfigured permissions, Roles in VMware virtual center.
* Active Directory **AD** integration with VCenter Server, **vCAC**, vCloudDirector**vCD**, **vRO**.
* Had experience in planning, budgeting, monitoring, controlling, and managing critical path tasks associated with the projects.
* Had experience in collaborating multiple teams and motived them to work together and create an effective project plan.
* Assisted in developing the presentation and also creating closeout reports.
* Took active part in planning, preparation and negotiation of new large-scale grant proposals and contracts.
* Written scripts in **python.**
* Explaining project status and outcomes to the stakeholders.
* Worked on **Virtual Cloud director** for cloud management.
* Designed VMware VSphere storage configuration using **SAN**, **ISCSI**, **NFS.**Worked on**FibreChannelswitches** and familiar with all storage protocols.
* Hands on experience in **iSCSI**, **NFS**, and **fiber channel protocols**, fiber channel cabling, **switching**, and **zoning** from hardware and **Vcenter**.
* Upgrading the **Server Builds**. Upgrading the **NIC** from **4gig** to **10gig**, **teaming** and **VLan tagging** for **redundancy** and **fault tolerance**.
* Managing Cisco servers using **Cisco UCS** manager.
* Install and Management of **VMware** **Site Recovery Manager** (**SRM**) and Patch management using **VMware** **Update Manager** for **ESX** server.
* Installed and configured **vSphere ESXi** on **HP blade/Rack servers/Cisco UCS**.
* Experience with **VMware** system patching using **Update Manager**.
* Configuring and administrating **DNS, DHCP**, **web servers** and other **Active Directory Services**.
* Monitoring utility using tools like **site scope**.**vCops**, **Solar Winds**, **RVtools**.
* Excellent understanding of **SAN**, **NAS** storage architecture. **EMC CX 480/960** SAN Storage Administration and Provisioning for ESX hosts.

**NTTA, Plano TX May 2015- Mar 2016**

**Systems Administrator**

**Responsibilities:**

* Involved in **Migration** project from **ESXi4.X** to **vSphere5.0** and **5.5** and complete **Migration** of VMs.
* Performed **V2V** and **P2VMigrations** of Physical Hosts to **ESX**/**ESXi** Hosts using **VMwarevCenterConverter Standalone** Client and **PlateSpin**.
* Installed, Configured and Maintained **Windows 2003**, **2008-R2 Servers**.
* Worked with all components of **HP** (Smart Start, Insight Manager, Diagnostics, Network Configuration Utility etc.).
* Experience with **Symentic Management Platforms**.
* Experience in installing and configuring **VMware** Virtual Center servers and **VMwarevCenter** Appliance.
* Installed and configuring **vSphere ESXi** on **HP blade/Rack servers/Cisco UCS**.
* User Accounts and Groups generated in **Active Directory** (AD).
* Experience working with **SOLARWINDS** tools.
* Handled **VMware** solutions to support multiple **Storage** connectivity options such as **Fiber Channel**-**SAN**, **ISCSI**, **NFS**, **NAS.**
* Experience with **Active Directory Architecture**.
* Generated performance and summary reports for **ESX**/**ESXi** Servers and VM's.
* Experience in building VDI infrastructure using**Vmware View** and **Vmware Horizon**.
* Experience in building **View Connection Server**, **View composer**, **Identity manager**. And also**Cloud Pod Architecture**.
* Integration of **VMware view** infrastructure with the **vCenter** Environment.
* Network automation using tools like **Infoblox**,**Solarwinds** etc.
* **Service Console** is effectively used in Troubleshooting and Problem analysis of an **ESX** Host.
* Performed Troubleshooting on **Hosts**, **VMs**, **Windows servers** and **virtual Switches** in the Datacenter.
* Install and Management of **VMware** **Site Recovery Manager** (**SRM**) and Patch management using **VMware** **Update Manager** for **ESX** server.
* Worked with may backup platforms like**EMC AWAMAR**and also**DATA DOMAIN**.
* Hands-on experience on **VMware** **vCenter**, **VMware** **Clusters** is generated in the Datacenter, accumulating **ESX/ESXI** Hosts in the clusters and implemented **HA** and **DRS** for the **Clusters**.
* Implemented and Analyzed OS patches and fixes the issues on other OS patterns and updates using **Blade Logic Patch Management tool**.
* Extensive experience on Scheduling and Monitoring **Tasks**, **Alarms**, **Deploying Load Balance**.
* Had experience in planning, budgeting, monitoring, controlling, and managing critical path tasks associated with the projects.
* Had experience in collaborating multiple teams and motived them to work together and create an effective project plan.
* Assisted in developing the presentation and also creating closeout reports.
* Took active part in planning, preparation and negotiation of new large-scale grant proposals and contracts.
* Explaining project status and outcomes to the stakeholders.
* Worked briefly on **vSwitch** properties like **Security**, **Traffic Shaping** and **NIC Teaming**.
* Configured **Domain Name Server** (**DNS**) and created forward/reverse lookup zones with associated pointer records.

**Elanco Greenfield, IN Aug 2014- May 2015**

**Systems Administrator**

**Responsibilities:**

* **VMware** implementation and troubleshooting **VMware** **ESX4.0** and **ESXi5.0** Hosts.
* Built and configured **ESX4.0** Hosts and deployed **2003/2008VMware** Virtual Guests.
* Worked on Migrating **Virtual Machines** with **VMotion**.
* Proficient in managing **ESX** Hosts using **VMwarevCenter**.
* Linked Different **vCenter** servers using linked mode to have a single instance through **vSphere** client to manage the whole Virtual environment.
* Building new **Windows Server 2003/2008** on **Intel Server Platforms**, **HP servers** as per the company’s Windows build standards.
* Implementation of **Microsoft DHCP**, **DNS**, and Domain trust relationship, file and print services, user and group management.
* Network automation using tools like **Infoblox**,**Solarwinds** etc.
* Installed **SQL server 2008** and deployed many **SQL Cluster** deployments for clients for database requirements.
* Had experience in planning, budgeting, monitoring, controlling, and managing critical path tasks associated with the projects.
* Had experience in collaborating multiple teams and motived them to work together and create an effective project plan.
* Assisted in developing the presentation and also creating closeout reports.
* Took active part in planning, preparation and negotiation of new large-scale grant proposals and contracts.
* Explaining project status and outcomes to the stakeholders.
* Experience working with **SOLARWINDS** tools.
* Experience in building **View Connection Server**, **View composer**, **Identity manager**. And also**Cloud Pod Architecture**.
* Integration of **VMware view** infrastructure with the **vCenter** Environment.
* Experience working with VMware SDDC
* Experience in setting up **VMware Standard vSwitch** and **Ports groups** (**Service Console**, **Virtual Machine** and**VMKernal**).

**Kalven Technologies, Ahmedabad Aug 2012 – Aug 2013**

**Systems Administrator**

**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 **Active Directory**, **WINS**, **DNS**, and **AD** enabled applications.
* Installing and updating the **Windows patches**.
* Creating **NTFS** shares on **Windows Servers** and provide permissions to users.
* Setting up performance windows servers to analyze performance issues.
* Built and manage Virtual servers on **VMware ESX Server4.0/4.1**.
* Experience in creating **Clusters** in **Virtual Center** and adding **ESX** Hosts to **Virtual Center Cluster**.
* Integration of **VMware view** infrastructure with the **vCenter** Environment.
* Network automation using tools like **Infoblox**,**Solarwinds** etc.
* Experience with **Symentic Management Platforms**.
* Experience in configuring **VMwareDRS** Rules and **VMware HA** on **Clusters** in **Virtual Center**.
* Expert at **AD**, **DNS,DHCP**, **File Server**, **IIS Web Server**, **FTP**, **Terminal Server**, **Windows Clustering,Exchange Mail** administration.
* Decommissioned **VM’s**, **Esxi**, **Standalone Physical servers** along with all Hardware at Data Center.
* 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 centerMigration.**

**Aftech,Hyderabad, India Jan 2012 – Aug 2012**

**Systems Administrator**

**Responsibilities:**

* Experience in Installing and Managing **ESX/ESXi** servers on **HP**, **DELL** and Installation of **vCenter Server**, vCenter Components and upgrading **VMware Tools**.
* Hands on experience in implementation of **Active Directory** infrastructure and Network fundamentals, protocols (such as **TCP/IP**, **DHCP**, **DNS**), Group Policy and Profile Management.
* **VMware Standalone Converter**, **PlateSpin**tools are utilized for the P2V conversions.
* Created **Snapshots** according to user's requirement.
* Administered **Microsoft Cluster Server** with **SQL server 2005**.
* Maintained **Web Servers** by installing **IIS 6** and **7**, **FTP** Sites and creating Virtual Directories in **IIS6** and **IIS7.**
* Installing, configuring and troubleshooting **VMware View**.
* Experience in **Clones** and **Templates** of **Virtual Machines**.
* Involved in troubleshooting of **Virtual Networks** and **vSwitches**.
* Expert in **Power Shell** scripting.
* Experience working with **SOLARWINDS** tools.
* Worked on **Migration** concepts like **vMotion** and **coldmigration**.
* Configured **VMware HA** and **DRS** in acquiring higher efficiency for VMware Infrastructure.
* Configured **Netbackup** Client.
* Applied patches on Windows servers and workstations with Company standards.
* Configured **Domain Naming Server (DNS)** and created forward/reverse lookup zones with associated pointer records.
* Expert at **AD**, **DNS,DHCP**, **File Server**, **IIS Web Server**, **FTP**, **Terminal Server**, **Windows Clustering,Exchange Mail** administration.
* Experience with **AD Group Policy**, **GPO**, **GPP**, Users, Domain users and also handled permissions of users, Groups, **File shares** and Privilege to access LAN and Domain.
* Responsible for deploying, managing, and maintaining **HP ProLiant BL-series C-class blade servers** and **DL-series servers**.
* Presenting **Fiber channel SAN LUN's**, **RDM's iSCSI LUN's** and **NFS** mounts.
* Hands on experience in creating **vSwitches** and different ports groups for different purposes.

**Zenith computer systems, Mumbai, India Mar 2011 – Jan 2012**

**Systems Administrator**

**Responsibilities:**

* Administering **Windows 2003** and **2008** servers.
* Installed **VMware VSphere 4** and created virtual machines on **ESX 4.0** Servers.
* Designed and successfully implemented **VMware ESXi4.0/4.1** servers for server consolidation.
* Strong knowledge on **DNSDHCP**, **FTP**, **WSUS**, **IISWeb Server** and **SQLDatabase Server**, System Management Servers (SMS) servers.
* Involved in the **VDI** upgrade from **VMware view 4.6** to **View 5.0**.
* Hands on experience in Installing **VMwareESX/ESXi** 4.0 Server on all the physical servers to host multiple **Virtual Machines**.
* Expert at **AD**, **DNS,DHCP**, **File Server**, **IIS Web Server**, **FTP**, **Terminal Server**, **Windows Clustering,Exchange Mail** administration.
* Experience with **AD Group Policy**, **GPO**, **GPP**, Users, Domain users and also handled permissions of users, Groups, **File shares** and Privilege to access LAN and Domain.
* Experience in installing **VMwarevCenterServer** instance to enable centralized management of multiple hosts.
* Expertise in creating **VM Clusters** (**ESX/ESXi** 4.0) and **Virtual Machines.**
* Converting the Physical Servers to Virtual Servers using **PlateSpin.**

Educational background**:**Bachelor of Technology, Electronics and Communication Engineering, JNTU.

Masters in Computer Science at Rivier University, Nashua, NH.