**Summary:**

* VMware Engineer with 8+ years’ experience in VMware vSphere global virtualization and storage infrastructure with experience in designing, deploying virtual networks and upgrading systems including hardware, software, networks, databases, servers and peripherals.
* Responsible for server builds, patch management, antivirus and updates
Performed System administration activities monitored system performance on OS, Hardware, and virtualization levels.
* Expertise in the area of Virtualization with VMware vSphere, ESXi 6.5/6.0/5.5/5.1, 5.0, 4.1, ESX 4.0 servers, vCenter server 5.0, 5.1, 5.5, 6.0, 6.5 and vCenter onverter 4.0, 5.0.
Experience in Designing, Installing, Configuring, Administering and Troubleshooting VMware Virtual Desktop Infrastructure (VDI) Environment.
* Extensive experience working with KVM, OVM, VDI and Virtual desktop deployments.
* Experienced in performing Cloning, Cold Migrations and Hot Migrations and taking Snapshots.
* Experienced in creating Virtual Machine Templates and deploy virtual machines from templates and allocate resources.
* Worked with the infrastructure team in support of the vCenter hosting the VDI environment.
* Design, implement and deliver applications to virtual desktops using App volumes.
* Test, troubleshoot and deploy applications, upgrades and operating system security updates in the virtual desktop environment while working with application teams to minimize user impact.
* Strong Experience in Configuring vSwitches, dvSwitch, portgroups, NIC Teaming, Traffic shaping, Load Balancing, VLAN tagging, Failover and Security Policies on the vNetwork and Network I/O Control.
* Strong experience with the VMware HA and VMware DRS
* Provided various levels of 24/7 production live support in a heterogeneous VMware, Red Hat Enterprise Linux, Solaris, AIX/Windows Enterprise environment.
* Performance tuning and capacity planning using various monitoring tools-vRealize Operations Manager (vRops), and VMware Log insight.
* Experience in Active Directory, GPOs, DNS, SNMP, DHCP, File & Print Server, FTP, Terminal Server, NAT, WSUS
* Actively demonstrated strong analytical, troubleshooting and Interpersonal skills with a customer focused approach.
* VMware vSphere Esxi 4.1/5.0/5.1/5.5/6.0/6.5 design, setup installation configuration and Administration.
* Design, Implementation, Testing and Deployment of VMware Infrastructure
* Experience and Familiar with Virtualization technologies like installing, configuring, administering VMware ESX/ESXi. Created and managed VMs (virtual server) and also involved in the maintenance of the virtual server
* FIREWALL using Windows Remote Management (winrm) & BACK UP for servers (both physical & virtual) using event viewer.
* Monitoring AD using task manager, resource monitor, reliability & performance monitor.

**Technical skills:**

* VMware VSphere ESXi 4.0/4.1/5.1/5.5/6.0/6.5
* VMware vCenter 4.0/5.0/5.1/5.5/6.0/6.5
* VMware Horizon View 5.X/6.X/7.X
* VM VMotion, VMware View, VMware Workstation, VMware Player
* Windows Server 2000/2003/2008/2012/2016/2019
* Windows XP/7/10,
* Windows servers 2008/2012/2012r2/2016/2019, RedHat linux
* IIS, TCP/IP, DNS, DHCP, WINS, Active Directory, SMTP, FTP, LDAP, POP3, VPN & VLAN
* SQL Server 2008/2008 R2/2012/2014/2016
* Microsoft Exchange 2007/2010/2013/2016
* VMware Veeam backup & Replication and Dell EMC Avamar Back up

**PROFESSIONAL EXPERIENCE**

**LGH, Lancaster, PA Feb 2019 – Current**

**Role: VMware Engineer**

**Responsibilities:**

* Installing and Managing ESXi Severs on Dell and Cisco UCS
* Improvises, Re-design and upgrade planning of legacy and existing VMware infrastructure.
* Maintain and monitor 200 + physical servers across Datacenters
* Maintain and monitor 1000+ virtual servers on vSphere 6.0/6.5/6.7
* Create and maintain templates for windows server 2008/2012/2012r2/2016/2019
* Migrating from Windows 2008 servers to 2016/2019
* Configuration of Dell servers using iDRAC
* Installation and migration  of vCenter 5.5 to vCenter 6.5/6.7
* Upgrading the Hosts from vSphere 5.5 to vSphere 6.5/6.
* Upgrading and patching of hosts
* Building the windows server 2008r2/2012r2/2016/ 2019and upgrading
* VMware Tools and Hardware on all vms
* Building up vSAN environment, adding and maintaining local disk
* Perform VMware Problem Resolution and troubleshooting
* Collaborate with project implementation team to build infrastructure as per the requirements of the project
* Decommissioning old Servers
* Consolidations of the Datacenter as per the requirements
* Monitoring the environment and collecting logs using vROPs and Loginsight tools
* Backup and restore virtual machines using Dell Avamar

**Client: DELL/FIS, Detroit, MI Dec 2016 – Feb 2019**

**Role: VMware/VDI Administrator**

**Responsibilities:**

* Installing and Managing ESX and ESXi Servers on HP & Cisco UCS hardware, installation of vCenter Server, Upgrading 400+ hosts from vSphere 5.0 to vSphere 5.5/6.0/6.5 upgrading VMware Tools for all VMs
* Deploy VMware Horizon VDI Instances and creating over 5000+ desktops by building an entirely new infrastructure of Horizon View 7.x also integrated with existing Infrastructure.
* Install and configured VMware Horizon VDI.
* Create Golden Images. Updated patches for the master Images and the Desktop pools
* Create a procedure for the P2V migration and make a decision along with the client team to decide which servers to be virtualized
* Installed and Implemented VMware ESXi 5.5/6.0/6.5 host servers with vSphere Client. Configured HBAs and iSCSI SAN
* Performed physical to virtual (P2V) migrations for approximately 500 physical servers utilizing VMware Converter
* Collaborate with project implementation teams and build infrastructure that complies with vendor requirements while meeting project requirements.
* Checking the stability of applications, Virtual Machines, ESXi hosts on member servers using vCOPS, vROPS, as part of 24/7 support.
* Provide 24/7 support for the entire PROD/QA/DEV/UAT environments to maintain maximum uptime utilizing SCOM/Nagios/vROPS.
* Troubleshooting vSphere ESX/ESXi, ESXi Clusters, Host Profiles, vDistributed Switches, HA, DRS, vMotion, Storage vMotion, Fault Tolerance, Resource pools, vCenter Permissions, Snapshots, Disk expansions, Templates, snapshots, Disaster Recovery (DR) and High Availability (HA) using PowerCLI and Remote CLI.
* Responsible for moving VM builds through the Server pipeline and into final production on the network
* Manage testing, implementation and administration of vCenter Lab Manager Server
* Perform troubleshooting of operating system and software infrastructure issues on Domain Controllers, Member Servers, Server Clusters, and Virtual Machine Farms
* Configures and documents VCE software, hardware and service solutions to meet customer and sales objectives.
* Configuration of vBlock components, including but not limited to Cisco UCS, Cisco C-class servers, Nexus 1000v, NSX, EMC VNX, Hitachi USP, and vSphere, UIM, Windows and Vision.
* Installation and configuration of EMC Power Path in ESXi for SAN Storage Path optimization.
* Comprehensive backup and testing of all installed vBlock components.
* Experience with SRM 5.x deployment and implementation using vSphere replication.
* VMware vSphere administration and configuration in a large enterprise environment.
* Deploying HA & DRS Clusters, as well build ESX/ESXi hosts while supporting the current environment.
* Migrating virtual machine configuration files and virtual disks from one Datastore to another Datastore utilizing vMotion.

**Client: CISCO, Raleigh, NC Jan 2016 – Nov 2016**

**Role: VMware System Administrator**

 **Responsibilities:**

* Worked with a team of Datacenter Support to maintain OS and Hardware.
* Maintained and supported around 1000+ ESXi servers (including Physical & Virtual).
* Converted around 120+ servers from Physical to Virtual (P2V) using VMware Converter and decommissioned around 50+ servers during Data Center Migration project.
* Supported and maintained around 180+ Developer workstations for offshore developers in VMware environment.
* Supported windows and VMware engineering operations, coordinated with the software license vendors, and renewed the licenses of VMware and Microsoft products
* Accessing chassis to gain information about SAN switches, server racks.
* Well experienced in installing VMware ESXi hosts (ESXi 5.5 and vSphere) in CISCO UCS Blades/VBLOCKS and non-blade servers.
* Configure VMware ESXi Clusters including HA, DRS.
* Installation and Configuration of Windows Server 2008R2/2012 and RHEL.
* Rack and Stack CISCO UCS 5108 enclosures that included B200’s B250’s as well as building out the entire UCS Manager, Fabric Extenders, 6120’s 6140’s XP’s
* Configure NFS mount point, Fiber LUNs and iSCSI storage to the vSphere hosts.

**Client: DaVita, Malvern, PA Dec 2013 – Dec 2015**

**Role: VMware System Administrator**

 **Responsibilities:**

* Managed and installed patches for all Windows servers and desktops within the enterprise environment.
* Managed and installed the organization Anti-Virus and Spam solution within the enterprise using McAfee EPO and Secure Content Management Appliance.
* Experience with HP blade chassis C7000/C3000 and knowledge on Cisco UCS B200 server hardware
* Performed backup and restore of VMware host server configuration, Virtual Machine backup, snapshot,1000 + P2V-V2V conversation with VMware converter and with other third party converters, Patch Update, monitoring/reporting, SSH and SNMP and notification of alerts.
* Installed and implement NFS server using windows UNIX service and configured with VMware Host servers for storage.
* Was responsible for system center installation, troubleshooting & support of antivirus software
* Created Snapshots according to customer requests and requirement.
* Maintained internet Servers by installing IIS 6, FTP websites and creating Virtual Directories in IIS6.
* Build ESXi 4.0/4.1Hosts and preserve these ESXi4.0 servers via vSphere customer.
* Took care of potential planning for brand new clusters, ESXi and Storage problems.
* Configured HA, DRS clusters, for primary VM's.
* Worked on various environments giving Production support 24/7 for Intel Windows System.
* Supported windows and VMware engineering operations, coordinated with the software license vendors, and renewed the licenses of VMware and Microsoft products

**Client: Amtrak, Washington, DC Jan 2012 – Nov 2012**

**Role: VMware System Administrator**

**Responsibilities:**

* Deployed Virtual Machines using Templates.
* Install, maintain service packs, patches for ESX/ESXI through Update Manager.
* Provided 24/7 technical support for VMware and Windows.
* Coordinated with Offshore and responsible for Maintaining, configuring and Supporting VMware Virtual Infrastructure.
* Monitored performance of Virtual Machines and performing essential Virtual Desktop infrastructure maintenance tasks using VMware VSphere 5.0
* Monitored and managed VMware ESXi clusters in multiple data centers.
* Upgraded ESXi hosts to ESXi 5.0 and VMWare tools in the virtual machines.
* Proactively maintained VMware View platform, including notifying and working with necessary infrastructure support teams.
* Built, Deployed and Configured VMware Guests for Windows 2008 R2, Windows 2008 and Windows 2003 Server