**SATISH**

[satishvm.446@gmail.com](mailto:satishvm.446@gmail.com)**.**

**469-666-4462.   
Windows Admin/ VMware Administrator**

**PROFESSIONAL SUMMARY:**

* IT Professional with **6+ years** of experience in Windows and VMware Administration with a primary focus on installation, configuration, and administration of **VMware vSphere ESX/ESXi 6.0,5.5, and 5.0 VMware Virtualization, VMware Vcenter 6.0,5.5 and 5.0Windows servers (2003,08, 12), Citrix 7.6 version(XenApp).**
* 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.**
* Extensive experience with Windows Servers on single or multi domain platforms.
* Experience in **updating / upgrading ESXi servers, Virtual Center servers and windows virtual machines using VMware Update manager and manual upgrades for Patching.**
* Good knowledge and working on on VCE about Vblock, VxBlock, VxRack and VxRail products.
* Working on McAfee ePolicy orchestrator as an administrator.
* Experience in Private Cloud and Public Cloud (Iaas) in AWS, VMware and Azure Cloud.
* Managed Best-in-class endpoint security installation and configuration of Intel Security McAfee ePolicy Orchestrator product
* Extensive knowledge in advance features of **ESXi VMOTION, SVMOTION, VM Lab Manager and Orchestrator.**
* Experience in the **V2V and P2V migration using VMware Standalone Converter or Plate Spin.**
* Experience with **SQL 2008, 2005 and 2000 server.**
* Connecting and configuring SAN and NAS storage into the ESXi and Hyper-V servers.
* Experience in **System Center Configuration Manager (SCCM) and System Center Operations Manager. (SCOM).**
* Experienced in **Configuring FC, SAN, VMFS, iSCSI SAN and NAS Storage** with Different Vendors like EMC, NetApp.
* Experience in Designing and Implementing **VMware Horizon View (VDI)** for Linked clone technology using view composer.
* Experience in deploying and maintaining **vCenter/ vRealize Operations Manager (VCOPS/VROPS).**
* Knowledge about how to implement **VMware vRealize Orchestration (VRO), VMware vRealize Automation(VRA) and creating workflows in VRO.**
* Experience in managing Cisco UCS servers using Cisco UCS manager to ensure all the alerts were addressed.
* Experience in handling hardware manufactured by Cisco, IBM, Dell, HP, EMC and NetApp.
* Knowledge of maintaining **Business Continuity and performing Disaster Recovery (DR) using VMware SiteRecovery Manager (SRM).**
* Strong knowledge on **Citrix Presentation/XenApp server**.
* Experience in **Active Directory, GPOs, DNS, DHCP, TCP/IP, WINS, IIS (Web Server), FTP, Terminal Server, WSUS, Microsoft Clustering and Exchange Server.**
* Good understanding of windows and VMware server automation using scripting language PowerShell, andPower CLI.
* Strong interpersonal communication and technical skills in software, hardware and networking which help me to quickly identify and resolve issues.

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| **Operating Systems** | Windows 2008/2008R2/2012, Linux (Red Hat, Cent OS), |
| **Storage** | EMC VNX |
| **Hardware** | HP DL380, DL580, BL460c, BL660c, Dell Power Edge |
| **Networking** | TCP/IP, LAN, WAN, FTP/TFTP, NFS, DNS, DHCP, SMTP, VPN. |
| **Application & Virtualization** | VMware vSphere 4.1, 5.0, 5.1, 5.5, 6.0 (ESX/ESXi, vCenter server, VMware converter, VMware Update manager), VMware Infrastructure (VI) 2.5 and 3.5, and vCOPs/vROPs. |
| **Database** | MySQL, Oracle |
| **Command-Line Tool** | Esxcli, Powershell. |
| **Service Catalog** | ServiceNow |

**Education:**

Bachelor of Technology from JNTU, India.

Masters from University of Houston Clearlake.

**Certifications:**

AWS Certified Administrator– Associate.

VCE Certified

**WORK EXPERIENCE:**

**Windows Admin/ VMware Engineer Jul2017– present**

**Merck & Co. Charlotte, NC**

**Responsibilities:**

* Provide consultation, design, implement services for the Datacenter and IT Infrastructure.
* Design, install, and maintain VMware vSphere including ESXi servers, HA. DRS, vMotion and vCenter.
* Troubleshooting and problem resolution of Virtualization (vSphere 4.1\5.1\5.5) Infrastructure.
* Creating and maintaining the server templates up-to date. Performing Virtual machine builds and P2V (Physical-to-Virtual) conversions.
* Build, support Windows and Linux OS.
* Unlocking the solidcore and McaAfee virus scan consoles to install application, upgrade or to perform any activity on the whitelisting servers.
* Experience in Designing, Implementing and Troubleshooting Terminal Services, Windows deployment services, and Remote desktop services.
* Install/Patch/Administration/Upgrades & Maintenance of McAfee ePO for 13k server nodes and coordinating with McAfee Support to maintain 24/7 customer support.
* Proficient in Windows server upgrade and Enterprise Level Active directory administration.
* Provided assistance to management with administration and configuration of critical enterprise security systems and software like McAfee ePO, McAfee DLP, Complete Endpoint Protection, Proofpoint.
* Gathering information and taking approvals from the customer in order to perform any activity on the white listing servers.
* Performance monitoring of VM’S & ESXi Servers using vCenter and other monitoring tools.
* Involved in both the types of migrations – Hot migration and Cold migration depending on the priority and severity of the server.
* Monitoring hyper converged infrastructure using Dell EMC Vision,vROPs.
* Pulling out different compliance reports from McAfee ePO and drafting them for reporting it to the management within HCL & to the client also.
* Install, configure, support, and troubleshoot Dell/EMC VxRail.
* Experience with Veritas Volume Manager (VxVM), Veritas File System (VxFS), Veritas Net Backup, Veritas Clustering with SAN, NAS environment.
* MacAfee application whitelisting the server.
* Deploy, Manage & Maintain vRealize Operations Manager (vROPS).
* knowledge of end-to-end stacks of Dell/EMC VxRail product, vSAN, Software defined Network NSX
* Extensive experience in managing vBlock using native element managers including vCenter, UCS, UIM, Unisphere, Cisco Nexus CLI and fabric manager.
* Install, configure, administer, and maintain on Windows 2003, 2008, 2012, platform and infrastructure applications in support of business processing requirements.
* Responsible in working with Patch management for acquiring the patches and pushing them to the systems.
* According to the specifications has performed patch management i.e installing patches uniformly and automatically.
* Using Update Manager for upgrading ESXi versions or applying ESXi OS hotfixes, patches.
* Enabling VMware features like vMotion, Storage vMotion, High Availability (HA), Distributed Resource Scheduler (DRS).
* Configuring Virtual Distributed & Standard Switch.
* Cisco UCS - Configure, troubleshoot, service profiles, VLAN management, blade/OS installation.
* Hands-on experience with Dell, HP, Cisco Blades/Rack Server hardware.
* Touch based with and gained some Understanding and Knowledge Vblock and components and experience.
* Performed patch analysis, patch deployment, post-provisioning (installing SEP, Splunk, Netbackup etc.) of over 8000 Windows servers.
* Backup, Restore, Archive Virtual Machines using CommVault Simpana.
* Ensuring the server builds are in compliance with Security Audit guidelines.
* Implemented DR solutions using vCenter Site Recovery Manager, EMC Replication Manager.
* SAN Administration: DAE Cascading, Zoning, Installing Hard Drives, Dry Run Test, Install vendor proprietary software packages (Unisphere, Replication Manager), LUN Management and Host Mapping.
* Maintaining and troubleshoot windows servers windows 2003, 2008R2 and 2012 versions and configuring them for SolarWind monitoring and Symantec Netbackup.
* Worked on the converged infrastructure VBlock and handled VMware, Compute, Network and storage components of it.
* Used PowerShell to automate the tasks and schedule backup, maintenance jobs.
* Performed root cause analysis and taken necessary actions for permanent fix.
* Handled the operations as per defined best practices. Performed Capacity Management functions.
* Collaborated with Storage / Network / Data Center / Facilities / Audit / Compliance and PMO teams.
* Involved in Business Continuation / Disaster Recovery infrastructure planning, building, and testing Did project planning, documentation and reporting.
* Mentoring/Training system engineers and support teams.
* Adhering to ITIL framework while handling the incident, problem, change tickets to meet SLA.
* Stabilize existing Infrastructure services by pro-actively analyzing known issues, testing upgrades.
* Implement the technical solutions as per the best practices from vendors.
* Create Standard Operating Procedures, technical run books

**Environment:**

Windows Server 2003/2008/2012/2016 R2, AD, DNS, DHCP, IIS, Citrix, Linux, VMware ESXi 5.0/5.1/5.5/6.0, VMware vSphere client, VMware vCenter, HP ProLiant BL460C & BL620C Blade Server series, HP ProLiant DL380/385/580/585. HP C3000\C7000 Blade Chassis

**Windows Admin/ VMware Engineer Sept2015– Jun2017**

**AT&T, Irving, TX**

* Administered **VMware Infrastructure – vSphere/vCenter/VDI** environments from development and supporting day today maintenance, running over 150 ESX / ESXi Hosts and 2500 Virtual Machines.
* Managed **Virtual Desktop Infrastructure (VDI) VMware View 7.0/6.2/5.0 by configuring VMware View Composer, View Connection Server, View Agent and View Client.**
* Hands on Experience in deploying new VMware Horizon 7 features Instant Clones, Blast Extreme, Identity Manager, Smart policies, Horizon Access Point, Horizon Linux Desktops.
* Worked on **VMware ESX 6.0/5.5 Installation** and virtual machines setup using Virtual Infrastructure client.
* Deployed Azure services for a hybrid based authorization and encryption system.
* fResponsible for all AD, IIS, SQL, Load Balancing, NSG's, and VPN configurations for Azure..
* Worked on Share Point application to maintain the financial documents.
* Performing regular RCM upgrades for the VBlock's and upgrading the traditional hardware with latest codes.
* I have worked on **Veeam Backup** and Netbackup.
* Backup administration using Symantec Backup Exec and Symantec NetBackup.
* Configured VMware on clustered environment, Implemented **vMotion.**
* I have hands on experience in **VMare vDS with Nexus 1000v**.
* Monitored performance, capacity and health of infrastructure using **VCOPS 5.7.**
* Application migration, deployment with ThinApp and ThinApp Factoryused **VMWare Horizon View** Composer to provision desktop pools using manual provisioning methods.
* Managing and provisioning virtual resources using **vCloud Director 5.1**
* Well versed with DRP and Business Continuity Planning using SRM 5, Recover Point.
* Built ESX servers and implemented complete integration with SAN for **vMotion** in a VMware DRS and HA enabled environment.
* Migration of production Server 2008 R2 Hyper-V cluster to Server 2012 Hyper-V cluster.
* Performed backup and restore operations of **Vmware** host servers' configuration, Virtual machines backup, snapshots, P2V-V2V conversion using **VMware stand-alone convertor**, applying Patch updates, monitoring/reporting, SSH, SNMP and alerts notification. Configured and used EMC Recover Point for replication.
* Trouble shooting the issues in the VBlock's hardware's & applications.
* Performed Inter-Forest migration of users, workstations, and servers to **Active Directory** 2012 using Microsoft's **Active Directory Migration Tool** (ADMT) v3.2.
* Administering production servers/network infrastructure that includes Windows Administration of Domain Controllers, IIS Web Servers (HTTP/S, FTP and SMTP), Exchange 2003/2010 Mail Servers, NAS, File and print Servers and Terminal Servers on **Windows 2003/2008/2008 R2.**
* Responsible production support of Active directory (AD), GPO, Domain users, Users and groups and given appropriate permissions, shares and privilege to access LAN and Domain environment.
* Installed, Configured and Implemented Terminal Server (TS) RemoteApp on **IIS 7.0 Windows 2008 R2** published applications using TS Web Access, RemoteApp program and TS Gateway.
* Rebuilt Hyper-V environment and transitioned into a cluster, providing High Availability and Failover.
* Ensure successful completion of all Symantec Backup Exec and Netbackup jobs, Restore files and systems as needed.
* Configure constrained delegation **in Active Directory** for Kerberos enabled applications.
* Maintain systems using SCCM (admin)and SCOM, Install new System Center environments and services, Microsoft Windows XP/7.
* Configure & support VMware backups and restores using Symantec's Netback up, also experience with VERITAS Backup Exec software.
* Troubleshooting of misconfigured or malfunctioning monitoring, operations manager infrastructure issues, Agent provisioning / de provisioning, test patches and service packs.
* Worked with **vRealize operations manager** administrator on capacity planning, created and reserved VMs in a datacenter for an upcoming project.
* Monitoring VBlock Hardware Health/Availability status and event alarms for Incident Management.
* Work in conjunction with VDI Project Teams in design, development and implementation of VDI-related operational procedures, standards and deliverables pertaining to new VDI projects.
* Monitoring and Reporting the health status of VMware Horizon View VDI Environment and **Vsphere Environments using vCOPS/vROPS.**
* Responsible for using Power CLI and Power shell scripts for better management of **VSphere and VDI** environments.
* Implemented PCoIP Network bandwidth optimization techniques over long distance WAN VDI using PCOIP ADM templates and applied PCoIP Optimization settings using Group Policies.
* Strong Knowledge of **P2V and V2V Conversions using VMware Converter.**
* Storage Knowledge of setting and configuring of EMC SAN, NAS, iSCSI, Netapp storage from Virtual platform end.
* Knowledge of setting up of **HP G7 Blade servers, Oracle business intelligence servers, IBM Blade servers, UNIX servers, DELL servers, AIX,cisco UCSB series hardware servers** in datacenters in adding memory , storage, network cards and network cable setup

**Environment:**Horizon View 7.0, VMware Horizon 6.2/5.3 , VMware App Volumes , VSphere Suite 5.1 and 5.5, ESXi 5.1 and 5.5, Virtual Center 5.1 and 5.5, ThinApp 5.0, AWS Cloud, MS Azure , VShield, Trend Micro AV, View Persona, SASGrid, RHEL Linux ,Cisco vDS, VCAC, VCO, VMware Converter, Comvault, Avamar, Okta , RSA Secure ID, SCCM, SCOM, Service Now , DataDomain, Cisco UCS, HP DL G5, G7 and HP Blade BL 460c G8 servers,IBM Blade servers, DELL servers, UNIX servers, Netapp Storage,Azure,Cisco Nexus 1000V, EMC Xtreme I/O, Share Point.

**Windows Admin/ VMware Engineer Jan 2012 – Jun 2015**

**Globus IT inc ,Hyd India**

**Responsibilities:**

* Perform regular maintenance of **Windows Server 2008R2/2012 & 2003 and Supported VMware ESXi 5.5 &6.0 infrastructure** for production/non-production environments including HA/DRS Clustering.
* Installation, Configuring, Deploying, Trouble shooting, administration and maintenance of VMware view Composer, View Connection Manager and Wyse manager to make VMware View **(VDI Virtual Desktop Infrastructure 4.5/5.2)** efficient and simplifies desktop administrative management tasks
* Set up production VDI environment, includes ESXI clusters, Security Server and Connection Manager Servers.
* Designed, configured and deployed **Microsoft Azure** for a multitude of application s utilizing the Azure stack (Including Compute, Web&Mobile, Blobs, ADF, Resource Groups, **Azure SQL DW**, Cloud Services, and ARM, focusing on high-availability, Disaster Recovery, fault tolerance, and auto-scaling.
* I have worked on **Cisco Nexus 1000V** which runs as a part of the VMware ESX or ESXi kernel and replaces the virtual switch.
* Identified and developed automation for routine infrastructure tasks, notably, auto scaling virtual machines using **vRealize operations, vRealize orchestrator and powerCLI**.
* Experience in managing SQL database server 2008 ,2012.
* Monitor and maintain VDI Systems Health Status & Work with Desktop Enterprise groups in resolving VDIrelated issues & performing other tasks as assigned by Client Manager.
* Support in Administration of **RHEL, Centos and Ubuntu** which includes installation, upgrading and loading patches, troubleshooting both physical and virtual server issues.
* Installed ESX and ESXi servers on HP and DELL hardware.
* Experience with **Microsoft Azure, Azure Backup and Azure Site Recovery services**, Involved in Disaster recovery solution for VMware vSphere Environment, vSphere Linked Mode and Replicated Storage, Failback Testing from Protected Site to Recovery Site in **SRM** and Shared Recovery Site across multiple Protected Sites
* Build 200+ **VMware vSphere hosts and added to new/existing VMware Clusters**.
* **vSphere6.0 configuration: vCenter 6.0, ESXi 6.0 cluster setup and configuring VMware vSphere Distributed services ( vMotion; Storage vMotion; DRS; HA; FT)**
* Performed P2V and V2V migrations using VMware Converter.
* Worked on **IBM Blade server** environment with **AIX and Mobile iron**.
* SAN space allocation for ESXi server's host. Scanning and configuring LUN for ESXi server.
* Configuring and troubleshooting the virtual network**. (Standard vSwitch & Distributed vSwitch, design network Load balancing).**
* Worked on EMC storages with EMC Administrators for storage allocation and LUN distribution strategy for VMware environment.
* I have hands on experience on working with **Orion Solar winds**.
* I have hands on experience on **Cisco vDS**.
* Implementing and checking security baselines on **vBlock devices.**
* Configure and deploy new **Microsoft windows using WSUS and SCCM** (admin) for patch management throughout the data center on the servers running Windows operating system.
* Setting up infrastructure for monitoring through SCOM 2012 and developing management packs as per the requirement.
* Designed and Implemented VMware Horizon View for Linked clone technology using View Composer.
* Monitoring and Reporting the health status of VMware Horizon View VDI Environment and vSphere Environments using **vCOPS / vROPS.**
* Managing SRM (Site Recovery Manager), installing Storage Replication Adapters, and connecting the sites, installing the SRM license key.
* Design and implementation of **VMware vRealize operation** to monitor VMware and **vRealize automation environment.**
* System Administration Level III support for **Windows 2008/2012 Servers**.

**Environment:** Windows (2008/12), vSphere, ESXi, vCenter, HA, DRS, Plate Spin Converter, VMware Clusters, SAN, Horizon View (4.5/5.2),vRA,vRO vCOPS/vROPS, Share Point, EMC,Azure, vBlock, SRM, SCCM, HP ProLiant servers.