**Shaharyar Siddiqui**

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**Certifications:**

* VMware Certified Professional 5
* VCE CERTIFIED CONVERGED INFRASTRUCTURE ASSOCIATE VCE-CIA

**Summary:**

* IT Professional with 9+ years of experience, along with experienced Windows server(s) 2003/2008/2008R2/2012, including Virtualization in VMware ESXi 4/5/6/7 Infrastructure Engineer with technical support to assist and provide clients with the best possible uptime and/to reliable and accurate communication to get tasks completed.
* Expertise in Administering and supporting Windows 2003/2008/2012 R2 2016/2019 Active Directory, DNS, DHCP, Microsoft Exchange .
* Expertise in the area of Virtualization with installation, configuration and Administration of VMware ESXi 4, 5, 6, and 7 vSphere servers and vCenter servers.
* Expertise in Advance features of ESX/ESXi 4/5/6/7 Host/Storage vMotion HA, DRS and VUM.
* Expertise in upgrading of VMware ESXi Servers and vCenters along with patching multiple ESXi hosts.
* Experienced in running windows & RHEL VMs 2003/2008/2012 and ESXi on HP C-7000 enclosures BL 460,620 blades, CISCO UCS B200/B220 blades.
* Knowledge of 24/7 implementation and management of information technology operation to include help desk, call-in and work priority management.
* Experience in installation cabling and configuration of Google search appliance GSA.
* Hands on experience of converting Servers from physical to virtual (P2V) and Virtual to Virtual (V2V) by using VMware Converter & Platespin.
* Experience in installing and configuring storage technology such as SAN, NAS, ISCSI, and RAID configuration.
* Patching and Updating BIOS / ILO firmware of rack servers and blades such as HP DL580’s, HP DL380s, HP bl460c blades and more.
* Server maintenance including security protocols configuring network and troubleshooting problems.
* VMware vCenter management such as Upgrading & Patching ESXi Hosts using update manager (VUM) & CLI via putty.
* Creating Clusters/Farms within the vCenter, assigning licenses to the hosts, adding new Datastores, vMotion between multiple hosts and creating host profiles.
* Expertise in Netapp Storage configuring Aggregates, Volumes, LUNs and Initiator’s group to create and modify LUN’s using OnCommand system manager.
* Expertise in creating AD 2003, 2008, 2012 accounts, permissions, DNS records administration.
* Using Diskpart.exe to extend data volumes within Windows VM servers.
* Configured and maintain ESXi Hosts Profiles, vSwitchs, vMotion, SvMotion, Patches, Snapshots, Templates and more.
* Knowledge/Experience of Cisco UCS Servers Chassis. Creating Blade service profiles, management, modifying.
* Knowledge/Experience with HP C-7000 Blade Enclosure. With Virtual Connects, On Board Administrator, FC Module, ILO, creation & modifying blade profiles and more. Deploying new HP enclosures as part of new project from installation to configuration, in production environment.
* Experience in implementing and migration strategy to consolidate Data Centers from all around the world as a part of refresh migration project using VMware Converter, PlateSpin and configuring V2V, P2V, OVF migration.
* Experience in Active Directory Administration in User creation/deletion, permission, OU, group permission, password resets and more.
* Knowledge of installing, configuring, maintaining, troubleshooting Windows 2003, 2008, 2008 R2, 2012, 2012 R2, 2016, 2019 Operating Systems.
* Knowledge of Dell Servers and Chassis of MX7000 with MX740c blades of configuration, administration and tuning along with Dell R640, R740, R840 and many more Dell rack servers with experience in OS installs troubleshoot, maintain and support of the entire data center environment of the servers.
* Base knowledge of Configuring Cisco layer 3 PoE gigabit switch and IOS commands.

**Technical Skills:**

* **Hardware**

1. HP Blades Center C-7000 series, BL460, 620, 680 /G1, G5,G6, G7, G8, G9. ILO, OA, VC. DL360, DL380, DL580.
2. DELL PowerEdge R320, R620, R710 R740 Etc.
3. Dell MX7000 Chassis with MX740c blades
4. Cisco UCS Chassis and B200/B220 series Blades.
5. NETAPP 3140, 3270, 6240 OnCommand manager.
6. EMC Storage.
7. VCE vBlock systems.
8. Dell VxRail Servers 580s, P670s

* **Operating System:**

1. VMware ESXi 4/5/6/7
2. Windows Servers 2000/2003/2008/2008R2/2012 R2/2016/2019

* **Networking Protocols:**

1. TCP/IP, DHCP, DNS, SSH, HTTP, HTTPS
2. Ethernet 10/100/1000 etc

* **Databases:**

1. MySQL, MSSQL

* **Applications:**

MS Visio, Microsoft Office, Word, Excel, Outlook, SCCM, Nagios, VMware vRops Monitoring, BMC Remedy, HP SIM 7, ServiceNow, Cherwell for ticketing. Skype for business, MS Lync, Cisco Webex etc.

Charter Communications: Charlotte, NC March 2017 to Present

Systems Engineer.

* Building Windows Servers 2012R2, 2016, 2019 on Dell PowerEdge R620, R730, R740 and VMware VMs.
* Maintenance, Administration, tuning and patching of windows servers VMs & Physicals 2008R2,2012 R2, 2016, 2019.
* As a part of new projects Deployed multiple VxRails servers for SDDC running VCF (VMware Cloud Foundation) on DR, Prod and DEV Data Centers across the U.S
* Configuration of Windows failover Clustering for 2 and 3 nodes and installation of application software as a part of build.
* Exporting and uploading Syslogs to HPE/Dell/Cisco via FTP client for HW related issues.
* Deployed multiple Dell OME (open manage enterprise) Servers to automate Dell servers OS deployment, firmware upgrades, to keep the servers in compliance with internal standard and monitoring of health while in pre-production environment.
* Deployed multiple VMware OMIVV (OpenManage Integration for VMware vCenter) instances in vCenters to automate ESXi servers deployments.
* Deploying multiple VMs daily using VMware VRA for projects.
* Using Kenna scanning tool to find vulnerabilities on the RHEL and Windows Servers, created a reports to provide the automation team a “how to Doc” to address the vulnerabilities on the servers such as reg keys etc.
* Building & Deploying VMs using VMM for Microsoft Azure and installing SQL as a part of build for DB servers.
* Configuring NIC Teaming and multipathing, for new builds.
* Using Active Directory to put users and servers to the OUs, permissions, setups, forcing replication between DCs and more.
* Modifying DNS A & PTR records for servers build daily.
* Solving daily day to day tickets using ServiceNow as ticketing tool & Skype for Business and Cherwell.
* Deploying, building & configuration of VM templates & cloning.
* Using VMware Converter to P2V Servers for migration.
* Configuration of persistent route for backup interface on the servers.
* Decommission of physical legacy Servers & VMs as a part of migration and new servers build.
* Managing VMs using VROPs including Dcoms across multiple vCenters.
* Building, importing and exporting VMs as OVF and FTP to external location.
* Troubleshooting to find and fix root cause for problems within the servers.
* Creating work technical documents for company.

DHL : Ashburn, VA June 2015 to March 2017

Systems Engineer & Data Center Administrator.

* Configure Aggregates, Volumes, LUNs and Initiator’s groups to create and modify LUNs using OnCommand manager.
* Configuration of persistent Scratchconfigs for each new ESXi nodes in the farm/cluster(s). SNMP/TRAP and services setup in MS server(s) as a part of deployment.
* ESX/ESXi installation & configuration via Remote console & KVM connection.
* Adding/Removing Datastore(s) in vCenter(s).
* Patching/Running CAT Copper & Fiber (FC) cables to and from various types of switches, servers, appliances.
* Experience in installation and configuration of Google Search Appliance (GSA)
* Using Cisco UCS manager to create/modify blade server profiles.
* Solving Day to Day tickets such as physical hardware failure, SRs for replacement. Hands on experience of replacing memory DIMMs, HDs, Power Supplies, CPUs, NIC cards, FC cards within the servers, equipment and switches of various types such as HP, Cisco , Dell, Riverbed and more.
* Installation of new HP C7000 Enclosures configuration of OA, VC, EBIPA also creating blade profiles and other configs for BL460 & BL620c.
* Quantum tape library tapes loading/unloading/backing up & replacing hardware faulty parts within the system.
* ILO, Idrac & Bios configs for HP and Dell servers along with decommission of older Gen legacy servers, equipment for the part of new project/change.
* Daily tickets solving using ServiceNow (GSN) tool. OS installation, Firmware upgrades, user permission in AD, administration of vCenters of US sites.
* Granting the access along with providing information and assisting in giving tour to executives, management and PMs to our Data Center.
* Testing all new servers before turning into production environment.
* Racking, cabling, configuring all the equipment listed below and more. Cisco switches ASA firewalls, HP servers & appliances, checkpoint firewalls, EMC Data Domain, Netapp storage, HP XP7.
* As a part of Wintel IT team provided best IT support to our customers in 24/7 environment.
* Patching & Upgrading multiple ESXi Servers using VUM within the vCenter server as well as individual nodes upgrade via CLI.
* Managing Multiple vCenters across countries as US, Germany, etc
* Creating, deleting, modifying & pwd resets of Accounts in AD and administration of AD OU, Accounts, Servers, etc.

Monsanto: Creve Coeur, MO October 2014 to June 2015 Hypervisor VMware / Windows Administrator

* Decommission of Legacy ESX/ESXi physical servers as a part of new refresh projects to consolidate legacy physical servers.
* Working with VCE on multiple sites through the countries to Verify D&I, checklist and test VCE vBlock to turn into production.
* Checking each component of new various vBlock to verify and test to get it ready for production workload, document checklist.
* Patching Esxi servers using putty and update manager.
* Solving day to day tickets using BMC remedy,
* Configuration and Administering of VMware ESXi 5.0/5.1/.5.5 and Virtual Center 5.0/5.1/5.5.
* Configuration and Administering CIMC, Cisco B series blades within the cisco enclosure.
* Performance monitoring and tuning of ESXi Servers, VC server and VMs.
* Administering Hardware on Dell , Cisco and HP servers.
* Created On Boarding Document for company, for the procedure of new hire.
* Created documents for the company for the builds , configure, to help company in case of any need to build such servers or things depending on situations.
* Creation of templates from VMs and creation of VMs from template .
* Help setup Lap/Test environment for our daily base of testing physical host(s) and VMs.
* Reserving and assigning IPs, host name and zones using MEN&MICE ,
* Configured various SNMP , TRAP based configuration for Various VCE vBlocks.
* Taking Snapshots of VMs Server & Upgrading Application software within the VM servers.

State of Wisconsin: Madison WI March 2014 to August 2014

Windows/VMware system Administrator

* Server builds, installs, Upgrades, Patches, configuration and performance turning in windows, VMware environments.
* Managing and configuring several hundred physical and virtual windows 2003/2008/R2/2012 servers
* Building multiple ESXI 5.1 update 2 DELL R710/620 physical servers for multiple sites/Locations.
* Solving day to day troubleshooting tickets.
* New VM builds , physical server builds addressing hardware related issues.
* Installed and maintained windows 2003/2008/2012 solution for both production and development environments.
* Addressing hardware failure on different sites, such as array drive fail, memory fail, blue screen, etc.
* Build new virtual server per customer request, various services install in VM per customer request.
* Racking, cabling, all physical servers into datacenter.
* Extending C: Drives in VM’s by using DELL Disk part for 2003 Servers, Cleaning C: drives by running scripts, daily Cleaning up C: drives on servers 2003/2008/R2/2012, Server(s) RAID Configuration.
* Configuring iDrac IP/setting installing new NIC cards to DELL r710.

Ariba an SAP company: Sunnyvale CA August 2013 to January 2014

Windows & VMware system Administrator

* Experienced in running Windows 2008/2003 Servers and ESXI running on HP c-7000 enclosures BL 460,620 blades, Cisco UCS B200 blades.
* Configuring SNMP strings, TRAP.
* Decommission of Legacy Windows 2000 and 2003 Physical servers as a part new refresh project to consolidate Legacy Operating system and physical servers.
* Troubleshooting physical/virtual windows servers, addressing virtual servers vulnerabilities after security scan, patching Windows physical/virtual servers.
* Updating BIOS/ILO firmware on HP BL460/620
* Creating and deploying VM’s from Template.
* Updating VM’s Tools and Hardware.
* Hands on experience of converting Servers from physical to virtual (p2v) by using VMware converter & Platespin.
* Vulnerabilities Remediation after security scan.

Safe Guard: Valley View, Ohio February 2013 to June 2013

Windows/VMware System Administrator

* Worded with a team of Datacenter Support to maintain OS and Hardware.
* Provide high level support for ESXI servers running on HP DL580 Windows physical/virtual Servers.
* Responsible for 1800+ servers for multiple sites – Operating system, Active Directory, DNS, DHCP, DFS
* Deployed various Windows virtual servers various VMware ESXI servers 4.1 / 5.0
* Storage vMotion virtual machines to different Datastore
* RAID configuring on HP DL580’s ESXI 5.0 installation and firmware updating / building new physical servers for new DR site.
* Installation, Configuration and support ESXi 4.1 and 5.0 Hosts Update manager and Administering VM’s across Datastores.
* Upgrade older VM’s from Version 4 to 7 and 7 to 8 as a part of project and migration.