**Ikram Hussain**

**Sr. Windows VMware/Wintel Engineer**

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**Career Summary:**

* 10+ years of IT experience in the implementation and support of **System Engineer** and **Administration** Tasks with focus in Installing, Configuring & Troubleshooting **vSphere** **6.5/6.0/5.5/5.1/5.0/4.0**, **VMware** **Virtual Center 6.0/5.5/5.1/5.0/4.1/4.0 servers.**
* Administering Microsoft **Windows** 2016/2012/2008 R2/2003 Environments, **Active Directory**, DNS, DHCP, IIS and FTP.
* Installed & configured **Windows** 2008/2012 with **Active Directory** service. 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.
* Experience in administrating, maintaining, and troubleshooting NetApp FAS-series.
* Expertise in Virtualization with **VMware** **vSphere**, **ESXi** **7.0/6.7/6.5/6.0/5.5/5.1, 5.0, 4.1, ESX 4.0 servers, vCenter server 5.0, 5.1, 5.5, 6.0, 6.5, 6.7, 7.0**. Implementation and Configuration of vRealize Operations Manager.
* Expertise in **Windows** **2003/2008/2012/2016/2019 server** & **Linux** **administration** and **active directory** **administration**. Created user accounts and group policies and troubleshooted the existing GPOs.
* Administrated and implemented server consolidation program through use of **VMware** **ESX Server** and **VMware** **Virtual Center Servers.**
* Worked as **Azure** Engineer and created and Manage **Azure** subscriptions, security **Azure** AD, Resource groups.
* Good knowledge on **Active Directory** Forest architecture, WDS, Data Protector, **Windows** PKI and experience in **wintel** operations in an onsite-offer shore model Experience in designing **cloud** architecture, PoC, Cost Estimation, implementation of **AWS** **cloud** infrastructure.
* Experience in **Active Directory** Services, **GPOs, DNS, AD Trusts & Routing, ADDS, ADFS, DHCP**, File & Print Server, IIS (Web Server), VoIP, **FTP, Terminal Server, NFS, SSH, Microsoft Lync, NAT, WSUS, Microsoft Clustering, Microsoft SharePoint, Acquisition integration, SAN, VSAN,** Exchange Server, ISA Server and FSMO roles. Experience in **Active Directory** **Administration**, Group Policy Management.
* Hands-on experience on Citrix Provisioning Services, XenApp, App-V, Appsense, XenDesktop, App Volumes, RDSH and **VMware** ESX/**ESXi**. Used **Cloud** Front to deliver content from **AWS** edge locations to users allowing for further reduction of load on front-end serve.
* Experience in change management, HP Hardware support includes BIOS up gradation, PSP installation and MSA firmware up gradation.
* Provide consulting in leveraging **Azure** **cloud** computing capabilities such as infrastructure, storage, platforms, and data, etc. Manage application package creations, and deliveries through **SCCM**
* Strong experience with management tools which includes On Command Unified Manager on Command balance and On Command insight.
* Played role as a **VMware**/**Windows** Admin to provide L3 support in a complex Environment.
* Performed system **administration** activities, security policies and monitored system performance both at software and hardware levels.
* Managed an environment with **Windows** **Server 2016, 2012 R2, 2008 R2** and **Windows** **Server 2003 servers**, as well as **Windows** 7 Professional desktops and laptops.  Experienced in configuring **Windows** Domain Controller and **ADC 2003/2008/2012 Server.**
* Expertise in the day-to-day management and service delivery to end users for messaging and **Active Directory** services. Installation and configuration of Exchange Server. Administered **Active Directory** and **Group Policy in a 5000+ user environment.**
* Having sound knowledge in setting up the servers on different flavors of **Linux** like **RedHat, Centos and Ubuntu.**
* Preparing project plans for **VMware** infrastructure upgrade as per the customer requirements and running a test run before the schedule. Implementation of **VMware** Site recovery manager and vRealize Automation center.
* Have experience and knowledge in creating Blueprints, publishing catalogs, creating and configuring **VRO/workflows.**
* Worked in the area of Virtualization with **VMware** **VSphere** **5.1 and 6.0, 6.5, 6.7 ESXi 56.7, 6.5,6.0,5.5,5.1, 5.0, 4.1, ESX 4.0 servers, vCenter** **server 2.5, 4.0, 5.0 and 5.1/6.0/6.5**. Implementation and after configuration maintenance of HA, DRS, FT and Resource pool.
* Extensive understanding of networking fundamentals and network security. Expertise in **DHCP, WINS and DNS.**
* Strong knowledge of **TCP/IP protocol suite, virtual networking**, **wireless networks** & **Cloud** **computing Concepts.**
* Experience with enterprise backup systems and disaster recovery operations; familiarity with **SAN.**
* Expertise with **IP sub-netting, VLANs,** Load Balancing, and High **Availability (HA) architectures.**
* Create virtual machines, install Operating Systems inside VM’s and installing VM tools and configuring these VM’s based on requirements.
* Expert in **P2V conversion** of **Windows** server using enterprise **VMware** converter and also installed the **VMware** tools on the virtual machines and **V2V conversion**.  Expert level skills in migration of Virtual machines using **VMotion and Storage VMotion.**
* Creating Templates, **Taking Snapshots, Cloning, Cold Migrations and Hot Migrations.**
* Installation and configuration of vRealize Automation virtual appliance and vRealize Automation **IaaS Web Server.**
* Experience in configuring protection groups and recovery plans to protect Virtual machines and perform disaster recovery test.
* Experience in designing and deploying **Cisco** **UCS Manager, Cisco Fabric Interconnect and Chassis.**
* Experience with **Cisco** B series blade servers, HP rackmount and blade **servers.**
* Good experience in **Dell, HP Blade Server** and rack server hardware maintenance, like replacing failed drives, NIC cards, Memory Modules and HBA’s. Experience in configuring storage while using **FC and iSCSI topologies.**
* Building **VMWARE** clusters for Production, Test and Development environments and enabling features like **VMware** **HA, DRS**, installing Power path to build a robust and redundant infrastructure.
* Extensive experience in working with **vMotion and Storage vMotion technology.**
* Hands on experience on configuring and troubleshooting NetApp virtual Tape library and export tapes to **NetApp filers.**
* Knowledgeable in troubleshooting day to day **SAN/NAS** Storage and host related issues.
* Self-motivated with a high degree of attention to detail, a good team player committed to results with sound leadership qualities.
* Good knowledge on **Active Directory** Forest architecture, WDS, Data Protector, **Windows** PKI and experience in **wintel** operations in an onsite-off- shore model. Executed deployments, server migrations, Single Sign-On (SSO) solutions and upgrades as part of the IT team.
* Experience in **vSphere** Replication using Site Recovery Manager (SRM) for backup in case of disaster.
* Worked on (**AWS**) infrastructure with automation and configuration management tools such as Puppet and all Amazon web and Built **Windows** 2003/2008 **Wintel** Servers Worked **VMware** Data Center Virtualization and Microsoft **Azure** **Cloud** Computing.
* Patch management using WSUS, **SCCM**; Worked with TCP/IP network protocols. Physical server virtualization using **Azure** site recovery and **Azure** **Active Directory**. Experience in working as a part of a highly cross-functional and global team.
* Experience with Microsoft desktop versions like **Windows** 7, 8, 10. And On-Call Support, Production support, .Net framework, Tape Backups and Saas environments experience. Working knowledge on Microsoft **Azure**.
* Has good end-user support and customer service experience. Experience in installing and configuring VDI (Virtual desktop infrastructure) technology using **VMware** VIEW.
* Experience in the Server and Desktop Management (**Wintel** **Windows** **Administration**), Support, Analysis and Maintenance
* Good Understanding and Knowledge VBlock and components and experience with **Cisco** UCS **administration** and EMC SAN storage. Involved in upgrading the existing Servers with the latest Service Packs, Security Patches.
* Experience in analyzing and troubleshooting Microsoft **Windows** Server hardware, Software applications and clustered environment issues. **Administration** of **Active Directory** in **Windows** 2008R2 / 2012 R2 environment
* Extensive experience in managing Data Center environment with Administering, Installing, and Troubleshooting Microsoft Servers and Workstations. Hands on Experience in providing Production support on 24x7 for **Windows** **Servers.** **Azure** server Migration best practices and **Azure** Power shell scripting. Migrated **VMWARE** VMs to **AWS** and Managed Services like EC2, S3 Bucket, Route53, ELB, EBS.
* Create **SCCM** 2012 Application Deployments, Packages and also Patch management, Create custom **SCCM** reports with **SCCM** 2012and also examining and analyzing SQL Reports, Capture and Restore user data using RES and Microsoft USMT
* Executed deployments, server migrations, Single Sign-On (SSO) solutions and upgrades as part of the IT team. Utilized Microsoft **Azure** services, including AD Premium to implement self-service password resets.
* Experience in **Active Directory** **Services, GPOs, DNS, AD Trusts & Routing, ADDS, ADFS, DHCP**, File & Print Server, **IIS (Web Server), VoIP**, **FTP, Terminal Server, NFS, SSH, Microsoft Lync, NAT, WSUS, Microsoft Clustering, Microsoft SharePoint, Acquisition integration, SAN, VSAN, Exchange Server, ISA Server and FSMO roles. Expertise in Dell physical servers and HP ProLiant blade, UCS C240 M3 Rack servers.**
* Experience in **ESX Architecture**, guest O/S installation, setting up of VM priorities, Cloning, Creating Templates and Snapshots.
* Extensive experience in working with vMotion and Storage vMotion technology Strong Experience in vNetwork concepts: vSwitches and dvSwitch, **Cisco** UCS Central Software extends **Cisco** UCS Manager features across multiple **Cisco** **UCS domains.**

**Educational Summary and Certifications:**

* Bachelors in accounting, Osmania University, India 2005

**Technical Proficiency:**

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| Virtualization/**Cloud**: | **VMWare** **vSphere** 4.1/5.0/5.1/5.5/6.0/6.5/6.7,**VMware** Realize Automation Center 6.0/7.0(VRA), vRealize Orchestrator (vRO) **VMware** Realize operation manager(VROPS), SRM, **VMware** VDI, **Azure**, Docker, Office 365, Vagrant and Amazon Web Services, PowerShell, Powercli |
| Server OS: | **Windows** 2003/2008/2012/2016 Server, **Linux** (Red Hat, Ubuntu & Centos). |
| Backup/Restore: | Veeam Backup, Netbackup, Symantec, **Windows** Backup. |
| Server Services: | **Active Directory** Services, DHCP, WSUS, File Server, Exchange 2010/2013 and DNS. |
| Servers Supported: | HP Proliant, Dell Power Edge, IBM and **CISCO** UCS(VBlock). |
| Storage: | Netapp 7 Mode, EMC VNX and Brocade switch. |
| Remote Tools: | RDP, iLO/iDRAC/IMM/KVM, Vision App, VNC, RDP Manager, **Cisco** UCS Manager. |
| Ticketing System: | Remedy, Service now and Capgemini Service Center. |
| Database: | SQL Server 2005, 2008 & 2012. |
| Monitoring Tools: | SolarWinds, vCops and Nagios. |

**Professional Experience:**

**Client: Bechtel Corporation, Reston, Virginia**

**Job Title: Sr. Windows VMware/Wintel Engineer**

**Duration: March 2022 - Current**

* Installed **Windows** **Server 2019/2016/2012/2012R2, 2008 in 24/7** Datacenter Production environment Initiated and maintained **VMWare** **vSphere** and utilized VCenter Server to manage virtual **servers.**
* Creating new VM’s or deploying VM from Template & adding/removing virtual hardware to VM’s.
* Coordination with SAN team for SAN components setup on Intel boxes e.g. HBA card, EMC, San Surfer, HDLM, VERITAS Storage Foundation. Responsible for managing several hundred (approx. 800+) **ESXi** **4.1/5.0/5.1/5.5/6.0/6.5/6.7/7.0 servers** and associated components. Involved **VMware** / **Windows** **wintel** servers Create, Delete, Modify and Move **SCCM** collections, Deploy **SCCM** 2012 Client and RES agent on **Windows** 7/8/10 Machines via **SCCM** **2012** Console, **SCCM** **2012** **Administration**/Engineering
* Performed troubleshooting on **Cluster servers** by upgrading firmware of NICs on cluster nodes, thereby stabilizing the cluster and preventing cluster failures. Worked **on VMware** Data Center Virtualization and Microsoft **Azure** **Cloud** Computing.
* Implemented and administered the Hyper-V. Running the scripts through PowerShell like creating users, patch updates etc. Monitoring the **AWS** migrated applications using **Cloud** Trail, **Cloud** Watch, Config. Microsoft **Windows** **Active Directory** **Administration**. Responsible for running **Wintel** on host operating systems. Migrated **VMware** vCenter and **ESXi** server infrastructure environments to 7.0 and 6.7/6.5.
* Hands-on experience with configuring Claims, Power Shell scripting, **windows** **Active Directory**, Single Sign-On, SharePoint Designer (**2010/2013/2016/2019).** Used PowerShell to deploy custom WSPs, import\export data, automate scripts.
* Worked with **Cisco** UCS environment by creating service templates and service profiles for new blades introduced.
* Configuration of LAN, WAN, Dialup connections at the remote locations. Setup of Wireless access points, Switches and routers. Administered the WSUS and WDS (**Windows** Deployment services)
* Migration of **Active directory** in **windows** **servers.** Creating and deploying packages on existing **wintel** **Windows** **Servers.**
* Setup **Active Directory** environment using **VMware** virtual servers for testing **Active Directory** group policy prior to deployment in a production environment. Worked on **SCCM** 2007/2012 and WSUS for **Windows** OS deployment and Patch management.
* Working on core **VMware** products vRealize operations Manager to monitor the environment and take precautionary measures to keep the Virtual Infrastructure healthy and effective.
* Assisted in migrating the existing data center into the **Azure** environment and added to new/existing **VMware** Clusters on **Wintel** Stack
* Creating, Installing, configuring, and maintaining the Virtual Machines, installing Guest Operating Systems like **Windows**, **Linux**. Experience in **Windows** clustering **Administration** and troubleshooting.
* Knowledge of maintaining Business Continuity and performing Disaster Recovery (DR) using **VMware** Site Recovery Manager (SRM), designing & structuring **AWS** Infrastructure. Administrating production servers/network infrastructure that includes **Wintel**, **Windows**.
* Migration work, p2v, v2v and day-to-day **VMWare** troubleshooting, performance, and fault management. Identify and tag(label) Fibre connections on **Cisco** Fiber Channel Switch Installing and configuration **VMware** tools and orchestration of guess OS that include **Windows** and **Linux**. Implemented Migration by performing P2V, V2V and V2P conversions using vConverter and PlateSpin.
* Created documentation for Server Builds, Application Installations, Mapping the drives and Issues which occur during software upgrades.
* Hands on experience on Backup and Recover from a Recovery Services Vault using **Azure** PowerShell and **Azure** Portal.
* Experience in installing and configuring VDI (Virtual desktop infrastructure) technology using **VMware** VIEW.
* Created virtual machine template with **windows** **server 2012 R2/2016/2019** for the new environment and testing it currently for its performance and documentation. Installed OS, patches, and security policies through **SCCM** Admin Tools.
* Ensured firewall rules were correctly in place on **Windows** servers as per the organizational standards, while also allowing proper functionality of applications on them. Implemented Migration from **VMWARE** to **AWS** using VMDK Import tools.
* Implement High-availability SharePoint solutions, **Azure** **cloud** applications hosting, Disaster Recovery, Storage, **Azure** web Apps, One Drive integration, o365 enterprise rollout for diverse domains
* Migrated Users, Computers, OUs, Groups from Europe and Asia Pacific domains to America’s domain as a part of domain consolidation project. Working Experience with **Active Directory** Components (**AD Users and Computers, DNS, DHCP and WINS etc**.)
* Installed and configured several vCenters and **ESXi 4.1/5.0/5.1/5.5/6.0/6.5/6.7/7.0 servers** as required and migrate p2v and v2v machines hosted on the physical datacenter along with machines hosted on **Azure** **Cloud**.
* Worked on **ESXi** Server Maintenance, **ESXi** Server Deployment, **ESXi** Server Upgrades, **Virtual Center** Maintenance, Operational Troubleshooting, Virtual Server Maintenance, Storage Migrations and Patching.
* Implement and Manage **VMware** vRealize Orchestrator (vRO), **VMware** vRealize Automation (vRA), vRealize Operations Manager (vROPS). Design, implement and maintain all **AWS** infrastructure and services within a managed service environment. **Administration** and troubleshooting DNS relative problems on **Windows**/ **wintel** environment.
* Managing **Active Directory** issues such as: Logon Failures, Account Lockouts, Group Polices, Network Connectivity, DNS and WINS Name Resolution, Authentication Problems, File and Printer Permissions.
* Installation, configuration and Troubleshooting issues related to **vSphere** **5.1, 5.5, 6.0, 6.5, 6.7, 7.0.**
* Experience in ESX Architecture, guest O/S installation, setting up of VM priorities, Cloning, Creating Templates and Snapshots. Expertise in **Azure** Infrastructure **Azure** Web Roles, Worker Roles, VM Role, **Azure** SQL, **Azure** Storage, **Azure** **AD Licenses, Virtual Machine**
* Extensive experience in working with vMotion and Storage vMotion technology Strong Experience in vNetwork concepts: vSwitches and dvSwitch. Strong analytical, technical and troubleshooting skills.
* Build and maintain an **AWS** **cloud** infrastructure architecture aligning security, compliance, performance, and resilience with cost. Monitor and troubleshoot **SCCM** 2012 Deployments, Applications and Task Sequences
* Experience in the V2V and P2V migration of Physical servers to **VMware** **ESX hosts.**
* Experience in installing, configure and troubleshooting Microsoft Physical and virtual clusters.
* Experience and Familiar with Virtualization technologies like installing, configuring, administering **VMware** ESX/**ESXi**. Created and managed VMs (virtual server) and involved in the maintenance of the virtual server.
* Experience with enterprise backup systems and disaster recovery operations; familiarity with SAN technologies; solid understanding of **vSphere** 4/5/6/7 implementation with shared storage fiber channel, **ISCSI, NFS / VMFS** strategies for performance and optimization. Excellent L2 and L3 support to **Windows**/ **Wintel** Servers, VMs

**Client: One Main Financial, Baltimore, Maryland**

**Job Title: VMware/Windows System Engineer**

**Duration: January 2020 - February 2022**

* Designed, installed and configured Win 2008, 2012, 2016 servers in Enterprise Environment.
* Installing **ESX** and **ESXi** servers on HP, DELL and IBM hardware, Installation of V Center Server, vCenter components and upgrading **VMware** Tools.
* Handle operational tasks relating to VDI such as **ESXi** host builds and updates, vCenter builds and upgrades, vCenter database maintenance, VDI pool and persistent desktops maintenance and troubleshooting.
* Supporting and Maintain vCenter Server Appliance, vRealize Operations Manager (vROps), vRealize Automation (vRA), vRealize Orchestrator (vRO), vRealize Business, **ESXi** and Update Manager.
* Planning and implementing software-defined data center and software-defined networking solutions using **vSphere** Web Client, **VMware** Lab Manager, vCloud Suite, vRealize Automation, NSX, vCloud, and **Amazon Web Services.**
* To Support scripts which may be used for variety of purposes such security patching and system monitoring.
* Assist with monitoring of the virtual and physical infrastructure.
* Building and Installing servers through **Azure** Resource Manager Templates or **Azure** Portal.
* Responsible for identifying and document server infrastructure needs and prioritize subsequent implementation.
* Document installation guide, architecture design and configuration workbook for **VMware** NSX and vCD.
* Configure distributed firewall rules at the customer site. Install and configure **VMware** vCD 8.2 at the client site.
* Created nested test environment in Enhanced Linked Mode vCenters with external PSC.
* Installed and configured NSX in Cross vCenter. Created NSX teaching plans for other engineers.
* Deploy advanced micro-segmentation, the distributed firewall in NSX.
* Extensive experience testing, designing, implementing and **administration** of Vblock.
* Troubleshoot and Resolve configuration related **VMware** vblock issues.
* Installed Configured and Deployed XenDesktop 7.6 Core Components which includes Storefront, Desktop Delivery Controller, Studio and Director Created **Windows** 7 and **Windows** 10 Image based Machine Catalog via MCS for 3200 users environment
* Configured **windows** server 2008R2/2012R2 and **Windows** OS 7/10 for XenDesktop by installing VDA agents.
* Rolled out latest VDA Agents to all VDI through **SCCM** to fix the issues on the earlier version.
* Migrated the **Azure** CXP Tools to HTTPS based authentication using SSL encryption.
* Create and maintain VMS in **Windows** **Azure** using **Azure** Express Route
* Designed Delivery Groups based on user role and performed User Assignment to VDI through Citrix Studio
* Worked on VDI Infrastructure that used technologies such as **VMware** Horizon View 6.0 and 7.0.
* Managed VDIs with multiple operating systems such as **Windows** 7, **Windows**, and **Windows** 10.
* Built VDI desktop pools with non-persistent VDIs and persistent VDI as per the requirement with users.
* Created and Designed Automation process of VDI creation for flawless on boarding of new user.
* Create custom report to measure performance of VM's and ESX servers using Virtual Centre and vROps.
* Planning, designing and developing Infrastructure related Automation Solutions using vRealize Workflows.
* Provide configuration, implementation, and troubleshooting support for the Compute Infrastructure (Fabric Interconnect, UCS Blade Server Chassis, UCS I/O Module, and UCS Blade Server), Storage Infrastructure and **VMware** to ensure they perform as expected steady-state and correct any failure conditions.
* Infrastructure support of **Azure**, IaaS, PaaS, **Cloud**, O365 Microsoft, and **Active Directory**, Identity management, **Windows** Scripting languages including (PowerShell, Python, Perl, and Bash) developing and deploying embedded IT infrastructure software.
* **Active Directory** Installation & Configuration, Group policy management, DHCP, DNS, NPS **administration** on **Windows** Server 2012/R2
* Configuration of **Azure** AAD Connect Synchronization Tool.
* Power Shell scripting and automation of routine tasks
* Installed/Configured Red hat **Linux** cluster & configuring the cluster resources
* Responsible for creating, editing Chef Recipes for various software installation and automation.
* Providing solutions to clients about Disk mirroring and RAID implementation using VERITAS Volume Manager & Cluster.
* Worked to update Chef Cookbooks that configure **Linux** servers to include standard applications needed by app teams.
* **Windows** 9x, NT 4.0, Win2000, **Windows** XP/ Vista/ **Windows** 7 End., **Windows** 10/10 Pro, **Linux** (Redhat, Cent OS), **Unix**
* Using and deploying **Windows** 2000, 2003 (32 bit & 64), 2008 R1/R2, **Windows** 2012, 2012 R2, **Windows** 2016, Red Hat **Linux** 5.4, Cent OS 3.4/5.6/6.0 (**Linux**), **Unix**, IBM Data Power

**Client: Century Link, Monroe, Louisiana**

**Job Title: System Engineer (Windows/Wintel, VMware)**

**Duration: August 2018 - December 2019**

* Implementation and Troubleshooting VMware ESXi 6.5/6.7 Hosts, **VMware** **VSphere** virtual center.
* **Administration** of VMware ESXi and **ESXi** Servers on HPBladeServersC7000 and C3000.
* Efficient in maintaining VMware ESXi / **ESXi** environment, VCloud Suite, Microsoft **Windows** Server, EMC Storage Arrays, Citrix xenapp, Xen Desktop, Data Center management and day-to-day operations.
* Handled the **VMware** solutions to support multiple storage connectivity options such as FC-SAN, iSCSI, NFS (NAS) like interconnection of Fiber Channel Cables with switches, Fabric interconnects.
* **Cisco** Unified Computing System (UCS) 5108 running ESX cluster.
* Involved in Updating Patches and **VMware** tools Using Tools like HPSA and **SCCM**.
* Configuring and managing **Cisco** UCS Service Profiles, vNIC/vHBAinterfaces,MAC/UUID/WWPN/WWNN identity pools, various Server, Network and Storage related policies.
* Configure and manage IIS Web Server farms using load balancers.
* Worked with vRealize Operations Manager (VROPS) administrator on capacity planning, created and reserved VM’s in a datacenter for an upcoming project.
* Experience in updating/upgrading ESX/**ESXi** servers, **Virtual Center** servers and **windows** virtual machines using **VMware** Update manager and manual upgrades.
* To ensure system security (IP guard, McAfee endpoint encryption and McAfee antivirus) software installation and updating.
* Installed and Configured WIN, TCP/IP, DNS, DHCP, IIS and Terminal Services.
* Installing **ESXI** on **Cisco** UCS blades and C200racks, using Kick Start installations, configuring and hardening **ESXi** **servers.**
* Installed and configured Identity Manager, VROPS for Horizon 7 environment
* Designing **vSphere** for implementation of vCloud infrastructure.
* Integration of vCloud Director with vShield and vCenter.
* Deployed and managed vCenter manager for vCloud Operations Management.
* Performed Remote Install of Juniper Firewall.
* Configured **Cisco** UCS uplink port channels for upstream LAN/SAN connectivity with **Cisco** Nexus/MDS switches.
* Performed large scale **vSphere** and **Cisco** UCS upgrades.
* Assisted the customer or the technician by performing step by step installation and remote configuration using remote access software.
* Configured and initialized the segmentation of ports of the Firewall for security purposes.
* Installed and configured related equipment connected to the Juniper FW
* Assist in P2V and V2V conversion of **Windows** 2000 and **Windows** 2003 server editions using enterprise **VMware** converter and also installed the **VMware** tools on that machine.
* Worked on Nexus 9k and 5k switches.
* **Active Directory** related issues such as: Logon failures, Replication issues, authentication problems.
* Worked on **active directory** profile management.
* Open required ports and protocols to correct functionality of services and applications.
* Replication issues in remote Forests
* Assisted in troubleshooting user problems relating to Operating System issues, network connectivity, upgrades, MS Office products and Internet connectivity.
* Upgraded internal servers from **Windows** Server 2008 to 2012 and 2016
* Support Big Data Domain, VNX, VPLEX, Extreme IO, VMAX, and Recover Point
* Strong understanding of ITIL V3.0 infrastructure management (Service Lifecycle, service operations, service transitions).
* Installed and Configured **VSphere** 6.0
* Extensive experience in vMotion and storage vMotion, Distributed Resource Scheduler and HA during Maintenance.
* Provided Risk Assessment and remediation guidance for **SCCM** infrastructures.
* Worked on implementation of new Data center and decommissions for SAN/NAS & backup Devices.
* Responsible for NSX configurations and creating workflows
* Create and Manage Logical Switches and vDS in NSX and **vSphere** and Manage **ESXi** cluster in NSX
* Creating and Managing NSX IP sets, Security Group and Security Policies
* Configured vmnics, vNIC, VLAN, vSAN and service profile templates.
* Experience in Command Line Interface (CLI) in MDS switches.

**Client: Belk, Charlotte, North Carolina**

**Job Title: System Engineer (Windows/Wintel, VMware)**

**Duration:  November2016 - July 2018**

* Build and configure new **Windows** Servers to include 2012 and 2016 OS deployments.
* Upgraded **windows** 2008 servers to 2012 and 2012 to 2016
* Analyzed and Implemented OS patches and hot fixes as well as other OS configurations and updates using Blade Logic Patch Management tool and upgrading **windows** server's service pack and security patches as per schedule.
* Involved in operational support of **Active Directory**, WINS, DNS, and AD enabled applications.
* Customized **windows** 2003/2008 servers in terms of Registry, Audit/Account/Security policy, patching to sustain Company Standard Operating Environment.
* Experience in **administration**, Deployment, Automation of configuration management tool such as Puppet, Chef and Ansible.
* Creating and managing user accounts and the groups in **Active Directory** users and computers.
* Used Disk Management Utility daily for file system creation and file system management.
* Installed and Configured **ESXi** and **vSphere** Suite including vCenter 6.0 using both embedded and external Platform Service Controllers (PSC).
* Build 200+ **VMware** **vSphere** hosts and added to new/existing **VMware** Clusters.
* **VSphere** 6.5, 6.0 configuration: vCenter 6.5, 6.0, **ESXi** 6.0 cluster setup and configuring **VMware** **vSphere** Distributed services (vMotion; Storage vMotion; DRS; HA; FT).
* Written wrapper scripts to automate deployment of cookbooks on nodes and running the chef client on them in a Chef-Solo environment.
* Performed P2V and V2V migrations using **VMware** Converter.
* 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). Have written scripts using Powershell, PowerCLI to deploy **servers.**
* Develop PowerShell scripts for automating deployments to various environments
* Deploy virtual machines from templates and allocate resources, Manage VM's using **VMware** **virtual center** and web access, Configurations of Virtual switched and network connections.
* Knowledge about the **VMware** Appliance software's. (ex. Thin stall, VDM, **VMware** Converter).
* Patch Management in ESX Servers & **Windows** Servers through update Manager.
* Installing companywide Symantec antivirus software.
* **Administration** of IIS and also RDP farm 2012.
* Installing CheckPoint Encryption Software across all the machine in the company
* Installing and working with HP and Dell Blades.
* Installed and configured alerts using Solar winds.
* Integration of 2 factor authentication for Citrix environment (RSA, and Symantec VIP).
* Worked with **active directory** and group policy in the company AD, DNS, DHCP on top of **Windows** 2016, 2012 R2 **administration**.
* Manage and Administer Microsoft Exchange/Skype for Business server and **Active Directory** Infrastructure.
* Troubleshot free/busy information between Office 365 and on-premise users.
* Developed PowerShell script to create collection in **SCCM** 2012 during up-gradation of **SCCM** 2012 also developed script to install DP and secondary site server on server.
* Automation of weekly and monthly server reboot using PowerShell
* Tracking of tickets assigned to IT Support and distributing based on category.
* Public IP management for website external access by NATting.
* Content filtering, App rules and Gateway Antivirus using Firewalls
* Upgrade, monitor and maintain remote access Citrix farm running on Presentation Server
* Preventive Maintenance for Servers, Laptops Desktops to ensure no vulnerabilities/ Virus
* Configure protection groups and recovery plans to protect Virtual machines and perform disaster recovery test using Site Recovery Manager (SRM) in case of real disaster.
* Daily tasks included working with Citrix end users and working with application teams to install, improve or deploy updates to their applications installed in Citrix.
* Installing and configuring **VMware** vCloud Automation Center 6.0.
* Automating customized machine provisioning on various virtual and **cloud** platforms using vCAC.
* Installation and Configuration of vRealize Operations Manager.
* Manage access control, create operations policies, groups and applications in vROPS.
* Managing **Cisco** UCS blade servers and VBlock environment.
* Managing VM alarms and creating Resource pools accordingly for equal sharing where required and priority sharing according to the level of applications and nature of server.
* Performance monitoring and fine tuning of **ESXi** Servers, **Virtual Center** Servers and Virtual Machines. Like Server Health status of CPU Processors, Memory, storage etc.
* Patch management and updating/upgrading ESX/**ESXi** servers, **Virtual center** servers and Virtual Machines Using Update Manager and manual upgrades. Complete management of **Cisco** B series blade servers using **Cisco** UCS Manager.
* Migrate Physical Servers to Virtual Server using **VMware** Converter (P2V Converter).
* Creation & Configuration of Virtual Switches, Ports, Port Groups and setting up layer 2 Security Policies for Virtual Networks.
* Creating templates from VM's, deploy VM's from templates and allocate resources.
* Troubleshooting issues relating to VMotion such as compatibility issues.
* Analyzing the VM-support logs for ESX servers and **Virtual Center** logs to diagnose the root cause for the problem and troubleshooting them. Experience in adding NFS storage and iSCSI storage to **vSphere** hosts.
* Managed Patching and worked on Firmware Updates for Blades and Enclosures.

**Client: Netflix, Los Gatos, California**

**Job Title: Windows/Wintel/VMware System Administrator**

**Duration: June 2014 - October 2016**

* Analyse tickets, Problem management ticket progress and all CR provide details information to client on weekly infrastructure meeting.
* Represent ticket, Sev-1 & 2 issue details, and Change management details to client on weekly basis.
* Maintaining and troubleshoot **windows** servers’ **windows** 2003, 2008R2 and 2012 versions and configuring them for SolarWinds monitoring and Symantec Netbackup.
* Configuring HA/DRS related advanced configuration settings per **VMware** Best practices.
* Understanding of SAN and NAS concepts, snapshots, clustering and fail-over in the virtual environment.
* Provide Onsite Jumpstart to enable employees to manage their **VMWare** **vSphere** Infrastructure.
* Setup and configured various RAID 1 and RAID 5. Applied patches and upgrades to the **servers.**
* Update patches on Servers Working Experience with **Active Directory** Components (AD Users and Computers, DNS, DHCP and WINS.)
* Performed physical to virtual (P2V) migrations for approximately 500 physical servers utilizing **VMware** Converter.
* Backup **administration** using Symantec Backup Exec and Symantec NetBackup.
* **Administration** of **VMware** ESX and **ESXi** Servers on Dell Power Edge **servers.**
* Played an important role in Creating Virtual Machines, cloning virtual machines, converting P2V VM-Provisioning taking Snapshots of virtual servers, HA, DRS, VMotion and Storage vMotion making sure that the datastores are not over provisioned within the DRS clusters.
* Deployed puppet, puppet dashboard and puppet DB for configuration management to existing infrastructure.
* Installation and configuration of **Windows** servers 2008 R2, 2012, 2012R2 Virtual Machines in the **ESXi** host clusters for multiple vendors.
* PowerShell DSC 4.0,5.0 setup and configure pull server, creating custom resources, working with various system modules and configuration. Process Automation using scripting tools like batch, VB, PowerShell 3.0, 4.0, 5.0.
* Setup **Azure** Virtual Appliances (VMs) to meet security requirements as software based appliance functions (firewall, WAN optimization and intrusion detections).Used Puppet to automate Configuration management & Applications.
* Office 365 Exchange Online Deployments, Migration and hybrid solutions.  Microsoft **Azure** Classic and **Azure** Resource Manager.
* Perform **Azure** **Cloud** and On-premise network for backend communication.
* Experience monitoring message queue and performing Exchange backup and restore.
* Wrote PowerShell, Powercli scripts for various tasks with the in the datacenter.
* Coordination with Offshore and make sure all update pass timely. Installing and Managing Virtual Centre 5.0,5.1 and 5.5.
* Provide all the required documents to Internal and external Audit team from **Wintel** side.
* Experience in administering **Windows** Terminal Server, Group Policy management and **Active Directory** environment. Datacenter maintenance like server labeling.
* Configuring, testing, validating, implementing and deploying of Microsoft Local Administrator Password Solution (LAPS) across client's **Active Directory** with GPOs.
* Provided technical direction to allow **Active Directory** on-Prem group to populate users through Ping Federated.
* Server decommissioning and return to the leaser. Make sure servers are falls audit compliance.
* Hardware maintenance, disk replacements for out of warranty **servers.**
* Datacenter hardware support - Check for Amber lights, Disks, RAMs, Blade Centers - power supplies, IO modules.
* Master Server Node list changes / update and provide to TCS management for billing.
* Follow up and make sure that that all the production servers are added to monitoring, backup & patching.
* Infrastructure support for application teams if needed.
* Troubleshooting issues with mailboxes, generic mailboxes, distribution lists, calendar and Conference rooms.
* Restoring the data using Symantec backup exec and TSM. Configured Net backup Client.
* Worked on Migration concepts like vMotion and cold migration.  Configured **VMware** HA, **VMware** DRS in acquiring higher efficiency for **VMware** Infrastructure.  Configuration of network printers. Creating Knowledge Base articles to help the team members.
* Perform P2V of the server as per server refreshment project.
* Publish application and provide access to users in **Citrix server** as requested. Xen Desktop **Administration**.
* Coordinating with various vendors for hardware related issues.
* Responsible for server migration with respect to various roles (DC, File/Print, Manufacturing Servers).
* Creating a test environment in **VMware** for Production Team to test their applications.
* Administered **VMware** Infrastructure - **vSphere**/vcenter environments from Development and Support to day to day maintenance; running over 70 ESX Hosts and 1000+ Virtual Machines.
* Performed custom reimages of computers from **Windows** XP to **Windows** 7 using **SCCM** build tool, executed Win 7 command prompts to backup, retrieve and restore data, and update group policy so as to ensure uncompromised asset utility. Manage the automation and configuration management of virtualization resources. Perform software and hardware upgrades & patching during and after hours.
* Provision, manage and upgrade of guest VMs and templates during and after hours.
* Troubleshooting **VMware** issues, monitoring & root cause analysis during and after hours.
* Troubleshot unsupported software, performed installations and configurations through collaborating with external vendors and internal teams to provide sustainable operational support for onsite hardware and software.
* Managed project reports and communications by analyzing and comparing system performance with set standards through conducting inspections to ensure smooth functioning of the technical framework, installed systems and devices.
* Remotely diagnosed, troubleshoot and recommended fixes on affected systems in addition to automating software application installs for local and remote users.

**Client: Discovery Channel, Silver Spring, Maryland**

**Job Title: VMware, Windows System Administrator**

**Duration: Sept 2012 – May 2014**

* Administrating production servers/network infrastructure that includes **Windows** **Administration** of Domain Controllers, File and print Servers, POS servers, DNS, DHCP, WINS and ISA 2005 Servers and other Application Servers on **Windows** 2003/2008.
* Responsibilities include capacity planning, and implementation, hardware, OS, network and application level troubleshooting, domain/user account **administration**, scripting, system and network-level performance monitoring/tuning.
* Responsible for server deployments, which include application installations, operating system updates and security patches. Understanding of **Windows** **Active Directory**, DNS, DHCP, **Windows** Desktop and Remote Desktop.
* Experience in installing and configuring the **Windows** server update services (WSUS).
* **Administration** of **Active Directory** in **Windows** 2003/2008 environment. Managing **Active Directory** issues such as Logon Failures, Group policies, Account Lockouts, Network Connectivity, DNS and WINS Name Resolution, Authentication Problems, File and Printer Permissions etc. Installed and configured the apache tomcat web server.
* Experience in Installing and configuring the Antivirus Symantec Endpoint protection for administering updates and cleanup of a community of workstations. Installed WSUS and configured for patch deployment.
* Customizing the **2000/2003/2008/2012** servers in terms of Registry, Audit/Account/Security policy, patching, to sustain Citibank Standard Operating Environment.  Patching all **Windows** servers and workstations with Citigroup standards.
* Managing the servers through ESM, BMC, Tears and other Global tools for monitoring Severs.
* Providing Capacity Planning review for all the **servers.**  PowerShell script for monitoring website availability.
* Working with VB and PowerShell Script **Active Directory**.  Configuring backups on VERITAS Netbackup and perform backups and restorations  Automating repetitive tasks via scripts. Provide documentation for all server changes, installations, and upgrades
* Analyze the project progress on weekly basis for all the projects handling.  Arranging conference calls with clients to discuss the general issues.  Involvement in the preparation and review of MIS, Service Delivery, RCSAs and Audits
* Involved in operational support of **Active Directory**, WINS, DNS, and AD enabled applications.
* Day-to-day maintenance of **Unix** servers and troubleshooting. Performed Red Hat **Linux** Kick start installations on **Redhat** 4.x/5.x
* Installation & Configuration of software packages in **Redhat Linux** using both yum and rpm installations.
* Troubleshooting **Unix**/**Linux** network and security related issues.
* **Administration** of GPOs, Domain Users and groups, and Computers on **Active Directory** **2003, 2008**. Working with ISO Team on monitoring server health and fixing issues which on security vulnerable **servers.** Configured Terminal Server to access to the servers using Remote Desktop Protocol (RDP). Installed and configured **VMWARE** ESX virtual infrastructure and played key role to initiate path to virtualization.
* Created procedures to convert Physical environment to Virtual environment without compromising the end use experience.
* Creating new standards for VM’s which includes, installing patches, **VMware** tools, security tools and documented new standards?
* Resolving the day-to-day hardware and platform level incidents and requests through IT resource Management Tools such as HP Service Manager 9, Service Now.
* **Active Directory** **Administration** & Management, Creating and managing **Active Directory** GPOs, **Windows** Infrastructure Design and Management, OS & Security Patch Deployment, Applications Deployment using **Active Directory**, Servers Security Management and User Policies.