Yugank Purohit

Email# [yugank.purohit650@gmail.com](mailto:yugank.purohit650@gmail.com)

|  |
| --- |
| **SUMMARY** |

**Office 365, Active Directory, Windows, VMWare and Azure Cloud** with over 5 years’ experience in highly recognized and expanding Identity, Cloud and Virtualization environments. Acknowledged for excellence in Cloud and Virtualization projects implementations and operations.

* Professional experience in System Administration and IT experience in multiplatform VMware ESX/ESXi, **Linux, UNIX & Windows** with hands-on expertise in networking and system integration.
* Hands-on working knowledge of **Apple IOS** and **Android** devices
* **Experienced Infrastructure Administrator on Hyper-V Infrastructure, Active Directory, and Application Support with extensive Cloud support and testing experiences.**
* Supporting secure and scalable virtualized cloud environments to satisfy both operational and product needs in accordance with corporate guidelines.
* knowledge of Amazon EC2, Amazon S3, Amazon SimpleDB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, and other services of the AWS family.
* Exposure to cloud environments - AWS (with VPC/VPN).
* Performed Server and infrastructure operations for Windows Azure and AWS environments.
* Strong knowledge in **Deployment and Implementation** of **cloud web, enterprise applications using Azure.**
* **Deploying** windows security patches through **WSUS, SCCM.**
* Hands-on experiences in configuring Cloud platform **(Virtual Networks Multi-site, Cross-site, VMs, VNETs, Azure AD, Load Balancers, Azure SQL, Service Bus, Azure API gateway/Management, Traffic Manager, CDN, Cloud Services)**
* Responsible for L2 & L3 support for all Server related issues. Operation and maintenance of **Windows, VMware ESXi, Backup, Network**.
* Accomplished systems administrator managing server infrastructures and data-center operations across multiple platforms (**Linux, Windows**)
* Expertise in installation, configuration and administration of Windows and VMWARE servers on different platforms.
* Installation, configuration and administration of Windows 2008 R2/Windows 2012 (server core) domains in an enterprise network environment.
* Planning and Implementation of **Home Drive Migration for over 2000 users**
* Strong Working Experience with **Active Directory, GPOs, DNS, DHCP, File & Print Server, IIS (Web Server**), FTP Links**, LDAP** integration
* Experience to generate the different types of reports from **SCCM**
* Experience in Group Policy Object to deploy the **SCCM** Client and also **LAPS**
* Experience in Installing and Configuration of **SCCM Client** and Console for Deployment and QA of applications in the test environment
* Experience in **Microsoft Office 365** solutions such as Exchange, Office, Lync, One Drive and SharePoint.
* Experienced with Developing, upgrading and reviewed all SCOM console for security purpose
* Made configuration changes on the **Cisco** routers and switches, in the data center migration project.
* Extensive experience in the area of Virtualization with VMware vsphere, ESXi 4.1/5.0/ 5.5 servers, VCenter server, VCenter Converter, VMware View 4.x/5.0, Virtual Desktop Infrastructure (**VDI)**, Update Manager, DRS, HA, VMware VCenter Orchestrator (**VCO**), VCenter Operations Manager (**Vcops**), vsphere Replicator, **vSOM**.
* Experience with VMware vCloud suite 5.1 involving **VCD**, vShield, vChargeback, vCAC, vCenter Operation Manager (vCops).
* Expertise level and experience in working with VMotion and Storage VMotion technology.
* Experience in configuring & maintaining SSO (Single Sign-On) as part of the build process for VCenter 5.1 and VCenter 5.5
* SI Reference Model, IPv4 and IPv6 addressing and **subnetting, Ethernet LAN, TCP/IP, UDP, switches**, routing concepts, virtual network concepts including vSwitches, VLANs, dvSwitch, TCP/IP stack for virtualization, **configuration of printers and, scanners.**
* Experience implementing VMware Virtual Infrastructure environment that consisted of ESXi Server, multiple Virtual Center, vMotion, HA, DRS, VCB, Update Manager.
* Experience in deploying Virtual Machines (VM's) through Templates, Converting Physical to Virtual (**P2V**) and Virtual to Virtual (**V2V**) machines using **Platespin**, Double-Take, VMware convertor and vCenter Guided Consolidation.
* Configured **EMC/Netapp/HP SAN/NAS** storage as data stores in VMWARE environment and as volumes in windows environment.
* Responsible for OS maintenance activities like upgrading the OS, updating the services and third party software's.
* Mentor the Teams on **VMware, Linux**, FC &**iSCSI Storage** (Compel lent, 3PAR, Netapp, EMC VMAX), Tape Libraries, and Enterprise Class - Data Center Infrastructure, Hi-end Servers & Blades (HP & Dell)
* Capacity planning tools like **VMware Realize operations system**.
* Participate and develop action plans during Post Mortem meetings.
* **Provided 24/7 On Call production support onsite and remotely on rotation basis**.

|  |  |  |  |
| --- | --- | --- | --- |
| **TECHNICAL EXPERTISE** | | | |
| **Operating Systems** | Windows Server 2003/2008R2/2012R2, Windows Server 2016 |
| **Directory Services, Authentication** | Active Directory, AD FS, Azure AD, PKI, Certificate Services, Open LDAP, Office 365 |
| **Single Sign On (SSO)** | ADFS 2.0, 3.0, Office 365, DirSync, AD Connect, FIM 2010 |
| **Messaging** | Exchange 2010/2013, Office 365 |
| **Migration Project** | Exchange 2010 to 2013 & Exchange2013 to Office 365 |
| **Scripting** | PowerShell, VB Script |
| **Network Application** | DNS, DHCP, WINS, Web Application Proxy, VLAN, |
| **Clustering** | Failover Clustering, Hyper-V Clustering, VMWare Clustering / HA |
| **Virtualization** | vSphere 4.1, vSphere 5.0/5.1/5.5,vCenter, P2V, V2V, VMWare DRS, FT, SRM, DRS, Storage Migration, vMotion, Platespin, Hyper-V 2008,2012 and 2016, Dynamic Memory, NUMA, Live migration, Quick Migration, Storage Migration, VM Profiles, VM Templates, CSV, Hyper-V Replica, Hyper-V Clustering, VM Library |
| **System Management** | WSUS, vCenter, WDS 2012, SCCM2007, SCCM2012 SCVMM |
| **Storage & backup** | Windows Backup, RAID 0,1,5,10, SAN, NAS, Quest AD Recovery Manager Forest edition, FC, Storage Replica, LUN, iSCSI, SCSI |
| **Monitoring** | SCOM, HP Open view (Overview) |
| **Other** | Remedy 7.5, ITSM,Office 365, Exchange 2010,2013, Fiddler, Netmon, |
| **EXPERIENCE DETAILS** | | | | |

|  |  |
| --- | --- |
| **Organization** | **GlobalFoundries** |
| **Period** | November 2016 – March 2017 |
| **Designation / Role** | **Windows/VMWare Administrator** |
| **Place** | Santa Clara,CA |
| **Responsibilities** | * Design and Deploy Azure Cloud, Active Directory, Windows, Hyper-V and Office 365 Infrastructure * Deploy Office 365 Solution. * Migrate on Premise Infrastructure component to Cloud and Office 365 * Experience to generate the different types of reports from **SCCM** * Experience in Group Policy Object to deploy the **SCCM** Client and also **LAPS** * Design and deploy windows and Azure based IO workloads * Design and deploy Private and Hybrid Cloud using Hyper-V and VMWare * Integrate SSO and two factor authentication with Active Directory. * Involved in maintaining the Active Directory and GPO management. * Installing and Configuring VMware vCenter Orchestrator. * Integrate AD Forest during merger and takeover. * Configure & deploy Single Sign On using Active Directory ADFS, Office 365 and DirSync. * Service Delivery & Operations for Windows, Active Directory, ADFS, DNS, DHCP, failover Clustering, Hyper –V and Azure Infrastructure * Provide Level 4 support for Microsoft platforms –Windows Server/AD/ADFS/PKI/DNS/DHCP/ Hyper-V. * Design and deploy secure, scalable, reliable and recoverable windows IT infrastructure. * Worked with Network Management tools like, **Solar winds, EMC Unisphere**, Airwave and cisco Prime: Added network devices for monitoring, created email alerts for rouge identification, troubleshooting the identified layer 2 and layer 3 network issues * Responsible for L2 & L3 support for all Server related issues. Operation and maintenance of **Windows, VMware ESXi, Backup, Network**. * Installation, configuration and administration of Windows 2008 R2/Windows 2012 (server core) domains in an enterprise network environment. |
| **Projects** | * Designing and implementing Solution to integrate Office 365 and Azure IAAS Services * Configured DR and Business Continuity for Medium to low Critical Application to Azure Cloud and Office 365 * Exposure to cloud environments - AWS (with VPC/VPN). * Performed Server and infrastructure operations for Windows Azure and AWS environments. * Performed Cloud and Virtualization Assessment * Migrated VM from on premise to Azure * Designing DR plan for on premise and Azure |

|  |  |
| --- | --- |
| **Organization** | Conceras |
| **Period** | January 2016 – October 2016 |
| **Designation / Role** | VMware and Windows Administrator |
| **Place** | Vienna, VA |
| **Responsibilities** | * Design and Deploy Azure Cloud, Active Directory, Windows, Hyper-V and Office 365 Infrastructure * Migrate on Premise Infrastructure component to Cloud. * Design and deploy windows and Azure based IO workloads * Design and deploy Private and Hybrid Cloud using Hyper-V and VMWare * Experience in installing and configuring VMware Virtual Center servers and VMware vCenter Appliance. * Managed VMware ESXi hosts using vSphere client and Web client. * Integrate AD Forest during merger and takeover. * Configure & deploy Single Sign On using Active Directory ADFS, Office 365 and DirSync. * Service Delivery & Operations for Windows, Active Directory, ADFS, DNS, DHCP, failover Clustering, Hyper –V and Azure Infrastructure * Provide Level4 support for Microsoft platforms –Windows Server/AD/ADFS/PKI/DNS/DHCP/ Hyper-V. * Design and deploy secure, scalable, reliable and recoverable windows IT infrastructure. |
| * **Projects** | * Performed AD Integration for Microsoft Clients * Migrated users from on Premise Active Directory to Cloud Azure AD and office 365 * Experience in Microsoft Office 365 solutions such as Exchange, Office, Lync, One Drive and SharePoint. * Configured DR and Business Continuity for Microsoft Clients * Performed Cloud and Virtualization Assessment * Designed path for migration from private cloud to Azure. * Migrated VM from on premise to Azure * Designed DR plan for on premise and Azure * Hands-on experiences in configuring Cloud platform **(Virtual Networks Multi-site, Cross-site, VMs, VNETs, Azure AD, Load Balancers, Azure SQL, Service Bus, Azure API gateway/Management, Traffic Manager, CDN, Cloud Services)** |

|  |  |
| --- | --- |
| **Organization** | **Sahajanand Laser Technology** |
| **Period** | January 2012- November 2014 |
| **Designation / Role** | **Associate Service Manager– Infrastructure** |
| **Place** | India |
| **Responsibilities** | * In house Service Transition from US to newly formed India Service Centre. * Service Delivery & Operations for Windows,Active Directory, Hyper –V, VMWare and Azure Cloud Infrastructure * Provide Level-3/4 support for Microsoft platforms (Windows/AD/ADFS/Office 365) Hyper-V &VMWare Level-3/Level2 * Install, configure, maintain, and upgrade Microsoft Windows server operating systems and applications. * Perform initial Deployment and Validation of hardware, OS and Azure Cloud architectures * Creating, Managing and Configuring Virtual machines on Hyper-V, Azure& ESX hosts. * Overview of System Centre Virtual Machine Manager 2012 * HA, DRS, VDS, Affinity rules, VCenter, storage migrations and P2V migrations * Windows, Active Directory, vSphere Azure Cloud problem determination, capacity planning and root cause analysis (RCA). * Good understanding of related storage technologies e.g. SAN, NAS using block storage, NFS and ISCSI. * Active participation on information security planning and countermeasures. * Administering AD for ITG * Deploying and administering Group Policy. * Managing DHCP server, DNS server & IIS server globally. * Installation & administrations of Windows Servers (Filers and applications). * Troubleshooting AD, DNS & WINS replications globally. * Implementation, Configuration, migration / Upgrade virtual infrastructure based on VMware. * Providing resolution & RCA for high severity incidents. * Managing exchange servers (Minor) |
| **Projects** | * Data Center Migration In Fort Worth 2011 * Active Directory Integration between Novartis and Alcon Labs * Domain Controller’s Upgrade from 2003 to 2008 * knowledge of Amazon EC2, Amazon S3, Amazon SimpleDB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, and other services of the AWS family * Migrated Exchange 2007 to exchange 2010 Infra& office 365 * Worked on DHCP migration from Windows 2000 to Windows 2008. * Server Consolidation (Physical to Virtual Platform) * Data Center Migration from old to new office at Bangalore. * Vulnerability/Threat analysis and security remediation of Domain Controllers and Windows Servers * Domain Consolidation * Server Upgrade from 2003 to 2008 R2 |

**Education Qualification:**

**MS in Electrical Engineering, Florida Institute of Technology, Melbourne, FL.**

**BS in Electronics & Communication Engineering, GTU, India.**