**Syed Jawad**

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**Professional Summary**

* 9+ Years of Professional Experience on VMware, Windows administration, Windows 10, Windows Server 2003, 2008, 2008 R2, 2012, 2016, 2019,2022 versions.
* Designed and Implemented virtualization solutions based on VMware vSphere ESXi 6.0/5.5/5.1/5.0/4.1, ESX 4.1/4.0/3.5/3.0 platform, vCenter 6.0/5.5/5.1/5.0/4.0/2.5 and Vblock 100/200/300/700 series
* Technical experience building and maintaining VMware, vSphere, Horizon View &vCenter environments working with VMware ESX/ESXi technologies using versions 4.5, 5.x, or 6.x
* Hands on experience in installation, configuring and troubleshooting DNS and DHCP servers.
* Expertise in Active Directory Setup and troubleshooting for any deleted objects, AD Recycle Bin, and Remote Desktop Services(RDS)
* Extensive experience in Windows2000/2003/2008/R2/2012 Servers, Wintel Servers at single or multi domain platforms.
* Designing, deploying and managing office 365 and M365 solutions for clients or organizations
* Developing and implementing office 365 and M365 migration plans.
* Developed CI/CD system with Jenkins on Kubernetes container environment, utilizing Kubernetes and Docker for the runtime environment for the CI/CD system to build and test and deploy.
* Experience in Active Directory, GPOs, DNS, SNMP, DHCP, File & Print Server, FTP, Terminal Server, NAT, WSUS.
* Extensive experience as administering MS Hyper-V .
* Set up and administered domain user accounts and groups to enable users to gain access to resources in a Windows Server 2008 network.
* Troubleshooting and resolving technical issues related to office 365 and M365 services.
* Collaborating with cross-functional teams to ensure successful delivery of projects.
* Keeping Up to date with the latest updates, features and trends related to office 365 and M365.
* Exercised Active Directory to administer, modify, and delete user accounts.
* Completed Windows 7 and 10 Migration of 20 thousand computers operation systems
* Configured the Domain Name System (DNS) Server service on a computer running Windows Server to support Active Directory.
* Experience computer hardware engineering and OS image creation & deployment methodologies.
* Managing windows Services - AD, Group policy, DNS, DHCP, Terminal Services and WINS.
* Disaster Recovery planning, design, implementation and testing.
* Administration windows 2003, 2008R2 and 2012.
* Windows 2008 and 2012 Servers deployment, troubleshooting and configuration.
* Experience in installation, configuration, management and troubleshooting of RHEL and Suse
* Extensive experience working with Active directory, Exchange, office 365, sharepoint, Azure
* Experience performing primary administrative tasks for microsoft exchange 2007/2010 messaging system
* Extensive experience in design, implement and support systems infrastructure using rack mounts and blade chassis infrastructure
* Experience working with administration of public cloud providers like Microsoft Azure
* Experienced with deployments, management and troubleshooting application on Microsoft Azure cloud infrastructure
* Experience with creation, configuration, deployment and management of IIS websites
* Windows XP, Windows 2000 Professional and Windows NT System Administration & support.
* Experience in transformation roles like transferring the PDC Emulator, RID Master, and Infrastructure Masters.
* Knowledge with Exchange Server 2003/2007/2010/2013.
* Knowledge with ADFS and ADFS proxy server Deployments
* Test, evaluate, and work with users on rollout of Windows 10.
* Provided support to users not accustomed to Windows 10 and Office 2016.
* Installed, upgraded, and migrated over 250 office PCs from Windows 7 to Windows 10
* Experience creating project plans and project budgets and in tracking project milestones and resource allocation for senior management reporting.
* Proactive, Self-starter, Team player and Quick learner.
* Excellent problem solving, analytical, organizational, debugging and application development skills.

**EDUCATION AND CERTIFICATIONS**

**UNIVERSITY OF CUMBERLANDS (2017)**

**MASTER’S IN INFORMATION SYSTEM AND SECURITES.**

**Technical Skills**

* **Virtualization Technologies**VMware vSphere 6.0/5.5/5.1, vCenter,6.0/5.5 ESX/ ESXi 5/5.1/5.5,6.0 vCenter Update Manager 6.0, vSphere Client, VMware VMotion and Storage VMotion, VMware Distributed Resource Scheduler, VMware High Availability, VMware Fault Tolerance, VMware Consolidated Backup and Veeam Backup and Replication.
* **Operating Systems**: Windows 10, Windows Server 2019/2012/2012 R2/2008/2008 R2/2003, Windows 8/7/XP, 2016,& 2022
* **Methodologies**: ITIL v3 framework
* **Cloud Technologies**: Microsoft Azure
* **Web Servers**: Internet Information Services 6.0/7.0/7.5/8.0
* **Mail Servers**: Microsoft Exchange 2003/2007/2010/2013 & MS Outlook
* **Server/Storage Hardware**: HP blades C7000, HP Proliant G6/G7, Dell Power Edge Servers, Cisco UCS
* **Scripting**: PowerShell

**Professional Experience**

**Client/ Location : UPS-MAHWAH (NJ) APRIL 2020 to Present**

**Sr. System Engineer/Admin**

**Responsibilities:**

* Planning and implementing Server setup, configuration & administration for Windows 2008, Windows 2003 & Windows 2000 Server and Active Directory Administration
* Create virtual machines using tools like HPSA, HP Operations Orchestration Central
* Built more than 100 ESXi Servers as well as 300 plus VM’s Windows servers mainly 2008, 2008 R2 and 2012 Servers.
* Developing and implementing O365 & M365 migrations plan.
* Managing O365 & M365 environments, including user management, permissions and security.
* Providing support for end-users related to O365 and M365 services.
* Managing and maintaining Exchange Online, SharePoint Online Teams, and other O365 & M365.
* Developing and maintaining PowerShell scripts for automation and administration.
* Participating in the development of new O365 and M365 solutions and enhancements.
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* Providing guidance and training to end users on the use of office 365 & M365 Services.
* Ensuring Compliance with data security and privacy regulations.
* Monitoring system performance conducting performance tuning.
* Install, configure and management of windows servers 2008, 2008 R2 and 2012.
* Migrating applications from Windows 7 to Windows 10. Troubleshooting compatibility issues for Windows 10.
* Develop one off PowerShell scripts for the customer's support teams to efficiently fix errors found through the Active Directory environment.
* Developed CI/CD system with **Jenkins on Kubernetes** container environment, utilizing Kubernetes and Docker for the runtime environment for the CI/CD system to build and test and deploy.
* Manage VMware Infrastructures using VSphere Client 5.0 and 5.5
* Involved in thin app packages and publishing to thinapp environment
* Provide project support by configuring DNS, DHCP, SNMP, GPOs and Active Directory changes and implementations as needed.
* Managing multiple floationg\linked-clone VDI environment using Horizon view admin and vcenter
* Deploy, install and configure windows physical servers using ILO
* Integration of VMware NSX with VMware’s suite of products like vRealize Automation, vRealize Operations (vRops)
* Expeience in creation and managing security, user accounts, diskspace and process monitoring in Red Hat Enterprise Linux and Solaris
* Installing 64-Bit OSs on ESX server which enhances the performance of guest operating system. Helping IPv6 compliance on VMware products like ESX, ESXi, VMOTION, DRS, HA & VDI
* Administration and management of f5 gtm load balancer- 6600/6800
* Deployed and administered web based applications using IIS
* Involved in automated system configuration using puppet
* Creating task sequences for windows 10, windows 7
* Configured VMware virtual machine port groups, console ports groups, VMkernal port groups and VLANs.
* Experience in installing and configuring VMware Virtual Center servers and VMware vCenter Appliance.
* Managed VMware ESX (i) hosts using vSphere client and Web client.
* Updating/Patching Linux, Windows Virtual Machine in VMware VM.
* Administrating production server's/network infrastructure that includes Windows Administration of Domain Controllers, File and print Servers, ADS, DNS, DHCP, and other Application Servers on Windows 2003/2008/2012.
* Configured VMware HA, VMware DRS in acquiring higher efficiency for VMware Infrastructure
* Experience of configuring and deploying Cloud security using Microsoft AZURE cloud and IoT Cyber Security.
* Correlated threat intelligence with active attacks and vulnerabilities within the enterprise.
* Investigated alerts created by IDS/IPS including malicious file uploads, compromised servers, SQL-injections, and port scanning.
* Worked with Symantec Endpoint protection (SEP) and DLP version 14.X. and assessed and built a data protection program through data classification skills and a clear understanding of privacy standards and regulation.
* Reviewed and designed security best practices for Symantec EPP and DLP, Anti-Virus, HIPS and DLP. Reporting for the development and execution of remediation plans.
* Managing CarbonBlack Endpoint security Encryption and Infrastructure using CarbonBlack Endpoint security
* Worked with Carbon Black (white/black list Software), Forcepoint Triton (Web Proxy), Exabeam (user based), Vectra (network base), ProofPoint (email security) and other Cyber Security tools.
* Responsible for ISO 27001, 20000 and 9000 audit to keep our records in compliance. troubleshooting network bottlenecks correcting connectivity issues on user’s machines
* Perform cloud security risk assessment for cloud applications already in Azure
* Verified that the Windows Virus Definitions on the CarbonBlack Endpoint security are within 24hours from those reported by CarbonBlack Endpoint security.
* Involved in defining cloud security controls for an Azure environment at an Enterprise level
* Performed ongoing tuning and alerting on technologies which may include but are not limited to: Data Loss Prevention (DLP), Host Intrusion Prevention (HIPS), CASB Cloud Security, Web/Email Malware protection and Security Incident Event Management (SIEM)
* Analysed potential usage of cloud vendor services (Microsoft AZURE) to support mission operations.
* Worked on static source code analysis tools (e.g. CB Security) or open source tools.
* Establishes and maintains good working relationships with all IAM customers
* Vulnerability Management: Configured Qualys Guard Tool for Vulnerability Analysis of Devices and Applications. Monitored them constantly through the dashboard by running the reports all the time.

**Client/ Location: ARVEST BANK – BENTONVILLE, ARKANSAS FEB 2018 TO MARCH 2020**

**System Engineer/Admin**

**Responsibilities:**

* Administrating VMware infrastructure 5.5 using vCenter 5.5/6
* Experience on Host Profiles, Distributed Switch, DRS, VMotion, SV-Motion, Resource pools, Permissions, Patches, Snapshots, Tools Upgrade, disk expansions, Templates.
* Maintain and update the PKI and ADFS environment and implement and maintain Azure Active Directory Sync servers.
* Migrating Users, Groups, Workstations and Application window Servers from Source domain to
* Target domain Using QMM in AD Domain.
* Configured scheduled task to automate User Creation and Mailbox creation through PowerShell on regular intervals as per business needs.
* Written custom scripts to help in the Migration and other operational tasks using VB and ADSI.
* Assisted development teams who are now taking advantage of &quot;Active Directory&quot; for authentication and sometimes authorization, with &quot;Active Directory&quot; related issues.
* Installed and Upgraded VMware Tools for Virtual machine. Created Clusters for High Availability (HA) and Distributed Resource Schedule
* Created and managed Host profiles, Data store Pools for Multiple Host and Data store Clusters across Multiple Data centres.
* ESXi patching using VMware Update Manager.
* Performed VMotion nd Storage Migration of over 1300 VMs to consolidate multiple datacentres into one coordinating with the storage and network teams to migrate storage (EMC SAN) from one datacentre to another.
* Experience on Host Profiles, Distributed Switch, DRS, VMotion, Storage VMotion, Resource pools, permissions, Patches, Snapshots, Tools Upgrade, disk expansions, Templates.
* Managed vCenter permissions.
* Responsible for upgrading entire enterprise from Windows Server 2003 to windows server 2008 R2
* Installed ESXi 5.x on servers and configured via direct console and via vSphere. Converted physical servers to VMware VMs.
* Deployed and managed Clustered File& Print servers, Microsoft DHCP servers for the organization.
* Racking and stacking servers, switches and SAN in the datacentre.
* Performed real-time proactive Security monitoring and reporting on various Security enforcement systems, such as McAfee (EPO), McAfee and DLP, Internet content filtering/reporting, malware code prevention HP Fortify SCA, Firewalls, IDS& IPS, Web Security, Ant systems with client consoles, connectors
* Installing, patching and maintaining McAfee EPO 5.X and DLP, utilizing McAfee Orchestrator, and able to deploy DLP and reporting and working knowledge in ENS 10
* Performed security assessment on a newly proposed Azure AD structure
* Deployed of McAfee Endpoint Orchestration and CASB in explicit and transparent mode and configured identities, access policies and Custom URL categories
* DLP Profile deployment report for detecting servers and Update DLP policies – Incident Analysis and Downloading patches for McAfee and deploying IDS/IPS on endpoint systems from server end.
* Also worked on Palo Alto administration with access rules and security management
* Identifying OWASP Top 10 Issues identifications like SQL Injection, CSRF, Insecure Cryptographic Storage, XSS and Invalidated redirects and forwards etc.
* Successfully configured ESX servers for HA and DRS capabilities and managed DNS, DHCP, Remote Desktop Session Host, DFS, and Microsoft Failover Clusters.
* Engineered and deployed global McAfee SIEM solution and deployed global Carbon Black Response EDR solution Engineered and having good experience SAST and DAST applications using tools using CheckMarx
* Performing physical to EndPoint virtual servers (P2V) migration without downtime.
* Performed automation tasks using Azure Devops to implement security solutions
* Deployed and Implemented McAfee Endpoint Orchestrator for server version 10.6.1
* Implemented McAfee Endpoint Orchestrator and Network based solutions across the enterprise
* Assess current environment and make continuous improvement to it to align with future state architecture
* Participate with application and infrastructure architects to provide security overlays for IAM development and deployment patterns
* Analysis of Offenses created based on vulnerability management tools such as: Rapid7
* Involved in determining Encryption Policies for Azure Resources.
* Develop and maintain IAM artifacts (strategy, decisions, solution design, etc.)
* Supporting security solutions for Identity Management and Access control and experience of integrating commercial off-the-shelf IAM solutions into a banking environment.
* Deploy and support information security systems and solutions such as key management, IPS/IDS, SIEM, MDM, NAC, APT detection, and endpoint management for remote user.
* Utilized Security Information and Event Management (SIEM), Intrusion Detection & Prevention (IDS / IPS), Data Leakage Prevention (DLP), forensics, sniffers and malware analysis tools.

**Client/ Location: JC Penney, Plano, Texas Nov 2014 – Dec 2017**

**System Engineer**

**Responsibilities: -**

* Set up, maintained, and troubleshot Office 365 for several clients. Set up multiple servers, AD domains, group policies, and scripts.
* Created and managed the VMware cluster with HA and DRS.
* Monitored and managed performances of ESX/ESXi servers and virtual machines.
* Installed and Configured HP Blade D460, Citrix Terminal Servers. patched all Windows servers and workstations with company standards.
* Customized 2003/2008 R2 servers in terms of Registry, Audit/Account/Security policy, patching, to sustain Company Standard Operating Environment. Customized Redhat 5 for Linux Server Virtual Machine.
* Worked with business clients to evaluate, streamline, and improve current systems, processes, and workflow.
* Coordinated with IT Department for resolving issues. Documented and reported problems. Managed Users with Active Directory.
* Created and managed user and group accounts which include configuring password policies, user rights, domain and local user accounts and setting profiles for multiple accounts.
* Incident Analyst Activities: Monitoring Mail Box and Ticketing tools. Follow ITIL process, Incident & change management.
* Analyzed the issues and assigned them to appropriate team and responded within the SLA.
* Provided RCA for critical issues. Maintained Activities and RFC.
* Coordinated with other Teams to perform activities, providing effective solutions to the clients. Racking and stacking servers, switches and SAN in the datacenter.
* Worked with implementing and efficient management of Active directory infrastructure setup with DNS services on Windows Server 2003 and Windows Server 2008 R2 platform. Responsible for domain and workgroup management, user & computer accounts.
* Responsible for efficient group policy management.
* Created VMs as necessary. Used vSphere 5.1, 5.5 client to manage multiple VMware VMs (terminal servers, various servers running other apps, Citrix server, LINUX) for many clients.
* Worked with vCenter Server and ESX 4.x, 5.x hosts cluster running VMs from a Dell EMC SAN with HA and DRS. Also worked with Microsoft Hyper-V VMs. Configured multiple iSCSI NAS/SAN and migrated data at many sites.