KHADEER ABDUL

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An experienced System's Engineer with **+8 years' experience** specialized in System Administration, Storage Administration, Backup Administration and Virtualization with **Bachelor of Technology** in **Computer Science Engineering** degree and **Master's** in **Project Management**.

EXPERIENCE SUMMARY

- Mastery of core technologies, including Active Directory, Google Workspace, Windows, Group Policy, VMware, SAN, Cloud infrastructure and on Prem Converged Infrastructure.
- Knowledge of various software and hardware platforms including but not limited to: Microsoft systems (Windows 10 & Server 2016+, Office 365 and Azure, AD and group policies, Exchange, SCCM, SharePoint, Dynamics CRM), VMware, and Hyper-V virtualized environments, Cisco UCS, SANs, backup & disaster recovery, Service now.
- Excellent analytical problem solving, communication, knowledge transfer and interpersonal skills with ability to interact with individuals at all levels
- Fulfilling and implementing compliant procedures to perform any IT project or task align with the ITIL, Problem Management and Change Management Processes.
- Strong knowledge of Virtualization, Storage(SAN/NAS,RAID), Networking and Backup concepts.

Education:

Bachelor of Technology- Computer Science Engineering, **JNTU, India**
Master's - Project management**, Centennial, Canada**
Virtualization: VMware ESXi/vCenter, Cisco UCS, Google Cloud, AWS, Azure
Servers: Windows Server (08,2012,201616,2019), Citrix, Linux(Redhat, Ubuntu)
Services: Exchange, Office 365 (Office 365, Intune, Share point, Skype, Yammer, Lync)
Databases: Microsoft SQL Server, Oracle, MySQL
Backup Solution: Commvault Simpana, Veeam, Avamar
Monitoring: Microsoft SCOM, SolarWinds, Nexthink, Cacti, Sentinel, Zabbix.
Networking: TCP/IP, NAT, DHCP, DNS, WINS, NFS, FTP, NAT, SNMP, SSH, SSL

PROFESSIONAL SUMMARY

SouthSix
Clients : Dell   **March 2021 – May 2021**
System Engineer

- Support systems infrastructure, hardware and software including analysis, planning, design, development, implementation, provisioning, upgrade and day-to-day operations
- Perform Backup, recovery and DR data transfer activities on day to day basis.
- Solid knowledge and significant experience with core computer infrastructure services such as DNS, DHCP, FTP, file structures, IP addressing.
- Performed Data Sanitization activities for machine that came to End of life using tool like ERASER & SYNETIC as per DoD and NSA guidance.
- Support Microsoft Product Activation development, test and production environments, within the Partners and Partner Domains
- Support Microsoft Research and Response to malware and virus attacks to Microsoft products including Windows, Exchange, Internet Explorer and Outlook

- Worked with the virtualization and enterprise architecture teams, thinking forward and working towards reducing server head counts, increasing availability of resources.
- Interact with senior company management and customers, responsible for generating white papers and innovative solutions for program growth and will be responsible to convey new techniques and technologies to the analytic workforce.
- Provide suggestions for improving process & practices to provide better quality and efficiencies.
- Performing Remediation Activities for Windows Environment.

Intellinetic Cyber Consultants, Atlanta
Clients : Tracepoint & Redpoint   **August 2020 – February 2021**
System Engineer

- Perform consulting services for system analysis, design, upgrade of infrastructure & datacenter.
- Developed complex engineering design of implementation & migration to cloud environment.
- Used PROTON for data sanitization as the clients had to follow the guidance provided by NSA.
- Lead a team of Google Suite Tier3 system administrators.
- Provided administration oversight for day-to-day activities in G-Suite admin console, 3rd party tools and some home-grown utilities.
- Designed, developed & deployment of Google sites for a client
    - Faculty sites including the coordination of all-school communication
    - Support the design and development of a parent site in BDSG
    - Google Scripting around sites requests, including event requests tracking & matriculation
- Provide administration oversight for day-to-day activities in G Suite admin console.
- Partner with the G Suite program team, IT Support Teams and business users to support, grow and mature the operational effectiveness of Google Suite, Google Cloud and adjoining technologies in the collaboration ecosystem.
- Escalate necessary support issues to Google Support and work directly with them to resolve.
- Administrated workloads on the Service now.
- Responsible to keep two on-prem data centers up and running 24/7.
- Performed migration for large Vmware environment from 6.0 update 1 to 6.7 update 3.
- Worked as onsite VMware Engineer to perform live migration for 14 ESXi host with 150 Vm's to new datacenter built.
- Operational Support and systems administration, design information systems to meet business needs, analyze current architecture to find its flaws and create better processes and standards across all the environments
- Capacity planning on future hardware and software needs, research and development and risk management on new propose technologies

GASCO (National Gas & Industrialization Company), Riyadh   **May 2017 – December2019**
Vmware/System Engineer
- Responsible for Active Directory and infrastructure services, Exchange 2012, Office 365, Messaging, IronPort Email/Web appliances, VMware and HP/Cisco UCS Blades, NetApp/HP SAN Storage.
- Develop & deploy appropriate system recommendations to meet user needs, system configurations & installation planning.
- Automated couple of workflows using PowerShell, Involved in writing background jobs using PowerShell.

- Upgraded and Managed vSphere 6 to 6.5 update 3 environment spanning 2 vCenters with hundred ESXi hosts and thousand virtual machines.
- Successfully completed the 15 ESXi hosts and 210 VM's live migration.
- Created the Forest Root domain, and a Child domain in a production environment
- Managed and administrated complete Backup solution using Commvault Simpana.
- Implemented and administrated SCCM 2016
- Implementation and post- installation responsibilities include technical consulting to user community and providing solutions to software problems.
- Support &be responsible for defined system administration activities on an allocated/defined system.
- Reclamation of Devices/ports for Storage reclamation
- Accomplished tasks such as creating Metas, LUNs, RAID groups, Storage groups, volume device mapping to FA ports.
- Resolved issues related to path failures, zoning mismatch inaccessibility of storage devices by servers.
- Set up Backup Proxy Server and automate backup of Virtual Machine snapshots using VMware Consolidated Backup (VCB) software as part of routine backup procedure and data security policies at PWC. This ensured instantaneous recovery in the event of VM crash/failure.
- Installation and configuration of Microsoft Windows 2003, 2008 R2, 2012,2016 &2019 Servers on Virtual Machines

KBR Global IT Solutions, USA
Clients: J Crew, CitiBank, Dell EMC   **Feb 2014 – Feb 2017**
System Engineer/ SAN/VMware Engineer
- Develop appropriate systems recommendations to meet user needs, system configurations & installation planning.
- Developed and planned the upgrade plan for Vmware ESXi from 5.1 to 6 update 3
- Prepare and present technical product information to user community.
- Implementation and post- installation responsibilities include technical consulting to user community and providing solutions to software problems.
- Created Initiator, Port & Storage group's including masking in VMAX using Symmetrix Management Console & SYMCLI.
- Created SRDF composite groups using Synchronous and Asynchronous replication.
- Removal & recreation of RAID groups with different architectures across multiple buses, reclamation & created new storage groups.
- Fiber zoning for CISCO and Brocade switches using Fabric Manager and SYMCLI.
- Reclamation of Devices/ports for Storage reclamation
- Accomplished tasks such as creating Metas, LUNs, RAID groups, Storage groups, volume device mapping to FA ports.
- Resolved issues related to path failures and inaccessibility of the storage devices by the servers.
- Managed a large vSphere 5 and 5.5 environment spanning 15 vCenters with several hundred ESXi hosts and close to two thousand virtual machines.
- Responsible for administration & providing support for large storage environment comprising EMC Symmetrix/DMX, EMC CLARiiON, CISCO and McData SAN connectivity switches.
- Tracking day2day performance of the CLARiiON by monitoring the SPs make sure they are handling the load efficiently.

- Assisted IT staff with day2day operations server build decommission requests, process documentation and knowledge transfer, resolution of Service now & Manage Engine.
- Configured WSUS for rolling out patches.
- Established detailed patching schedule every application in the environment.
- Configuration and management of VNX arrays using Unisphere Manager. Assigned storage to Unix and windows servers and configuration of NFS exports and CIFS shares using Unisphere manager
- Implemented SRDF/A on V-Max/DMX for disaster recovery setup between local remote data centers
- DS8K Allocation, De-allocation & Reclaim of Luns, SVC Allocation, De-Allocation and reclaim of Luns.
- Provide on-site assistance with the planning for expansion of converged infrastructure.
- Configuration, installation, and troubleshooting of computer hardware and software.
- Monitor and Administer VNX, NetApp Filers, Isilon, Symmetrix DMX-4, NS 480 and Hitachi VSP.
- Allocated storage from Symmetrix Arrays, NetApp filers and Isilon to UNIX, Windows and Esxi servers
- Installing VCenter server on Win 2008 Server to maintain all the ESXi hosts and VMs.
- Work with business clients to evaluate, streamline improve current systems, processes, and workflow.
- Data backup on distribution server using Veeam backup & replication.

Telanet Inc., Toronto, Canada   **Aug 2013 – June 2014**
System Administrator
- Responsible for planning and executing the migration of several hundred Windows server systems from AstraZeneca's legacy datacenters to new datacenter using VMWare Converter 5.0.
- Built, configured and supported VMWare vSphere 5.0 infrastructure spanning 78 ESXi hosts 1200 VM's
- Providing guidance handling, virtual environment & resolving issues pertaining customer new VBLOCK
- Migrated servers hosting applications of varying complexities with minimal downtime
- Developed &executed Proof of Concept for P2V & V2V migration of both MS &Veritas Cluster servers.
- Provisioning ESXi Clusters & Infrastructure services across Vblock platform using EMC UIM.
- Responsible for ensuring all server hardware is up to date on firmware and drivers.
- Working knowledge of HP Virtual Connect Enterprise Manager, understanding of HP Virtual Domains, HP iLO 3, OBA
- Responsible for general administration and support of all Windows servers in the new environment.

H line Soft Solution, Hyderabad, India   **April 2012 – June 2013**
System Administrator
- Responsible for general maintenance and administration of Windows servers.
- Provided deployment end user support for Windows XP, MS Office 2003 and other desktop software
- Planned and implemented infrastructure using various Windows operating systems: Windows XP, Windows 2000 Server, Windows 2003 Server and Windows 7
- Working as part of a team of migration engineers tasked with P2V, V2V and P2P migration of Windows 2000, 2003 and 2008 Servers to ESX hosts using VMWare Standalone Converter in vSphere 4 environments as part of the datacenter consolidation initiative.
- Configured and maintained existing Windows servers and computers: NT/XP/2000, 2003 and 2008