



Hamza Liaqat

MCITP MCSE MCSA

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Son of Rana Liaqat Ali, Born on 18th October 1994, Single, Muslim Lives in Shahab colony near Pak arab Lahore, Punjab, Pakistan.

I am self-motivated Learner always ready to take challenges and love to work with new technologies.

Certification and Trainings:

- MCSE: Messaging,
- MCSE: Private Cloud
- MCSA: Windows Server 2012
- MCITP: Server Administrator on Windows Server 2008
- MCTS: Windows Server 2008 Active Directory, Configuring
- MCTS: Windows Server 2008 R2, Server Virtualization
- MCTS: Windows Server 2008 Network Infrastructure, Configuring.

Trainings:

- MCSE: Core and Advance Solutions of Microsoft Exchange Server 2013
- MCTS: Microsoft Exchange Server 2010, Configuration
- MCITP: Enterprise Administrator
- MCSA: Windows Server 2012
- MCTS: Windows Server 2008 Active Directory, Configuring
- MCTS: Windows Server 2008 Network Infrastructure, Configuring.

Key Skills & Competencies:

Cloud Computing:

Public/Private/Hybrid Cloud as SaaS ,PaaS, IaaS with AWS infrastructure from scratch:EC2, ALB, Auto scaling, Work Spaces, AMI, Direct Connect, Work mail, SNS, SES,VM Import/Export

Networking Security and Monitoring : VPC'S, peering, Subnets, Nat Gateways, NAT Instance, Internet Gateways, security groups ACL ,VPN Connections ,Virtual Private Gateway, Elastic Load Balancer, Cloud Front, Origin, Route 53 Routing Policies, Identity & Access Management, AWS CLI, Cloud Watch, Flow Logs, Cloud Trail

STORAGE: Storage Gateway, EFS, EBS, S3 buckets, Lifecycle Management IA, Reduced redundancy, Glacier , Snowball, Static website hosting, Cross Region Replication, EBS snapshots,

Applications and database OLAP|OLTP: Aurora, MYSQL, Maria DB, PostgreSQL, ORACLE, SQL server, Dynamo DB , REDSHIFT , Elastic Cache, SQS, Lambda functions, cron jobs scheduling, API and Gateway

Configuration managing and administration of **OFFICE 365** which includes but not limited to: Mailbox management, License management, Anti-Spam, Archiving, Remote Wiping, Federation Services and Single Sign-On (SSO), Email Policies, Transport Rules, Encryption rules, compliance and search, Mobile Access, MS INTUNE, PowerShell Scripting, Microsoft DirSync and AD integration, Microsoft Azure, SharePoint Setup, Document Migration, Lync / TEAMS Administration **ETC**

Installation and configuration of Openstack single or multi node environment on Ubuntu/redhat/centos/fedora bases machine. Integration of VMware, Hyperv,KVM and Xen on compute node and VMware NSX for networking node.

Virtualization: Installing and managing **Vmware Horizon view** VDI/Thin app solution with integration of VCenter. Installing and managing connection, composer, security server and events database server. Creating manual and automatic pools linked clone and recomposing linked clone. Roll based administration and performing persona management. Installing and managing **VMware ESXI**, within Vsphere 5.5, 6.0,6.5 and 6.7 environments with VCenter, Replication, VCRM, Disaster recovery sites , VSS, VDS, Consolidated Backup, DRS, HA, DPM, VMotion, VMware Data iSCSI and NFS Storage. Configuration and deploy VMs and templates, Virtual-to-Virtual (V2V), Virtual-to-Physical (V2P) and Physical-to-Virtual (P2V) migration of Windows XP, 7, 8, 8.1, 2008 and 2012, as well as Linux servers from VMware. Working with **Dockers** to create and host windows/Linux **Containers** and managing different component of Docker like: Networking, volumes, Images, APIs.

Data center: Installing and managing **Exchange 2010, 2013, and 2016** recipient, mailbox and database management, working with Accepted domain, Email address policies. Creating and managing DAG of MBX server, Network load balancing of CAS, configuring outlook anywhere, monitoring and managing different type of rules of ET and HT, disaster recovery of Exchange, rebuilding or restoring databases of MBX server, backup and restore, migration from 2003 to 2010 to 2013. Installing and managing Lync and skype for business Standard and enterprise installation. Creating and modifying Lync CMS topology's as per business requirement. Lync connectivity with different sides and maintaining Backup plan for CMS and other services. Configuring and managing Enterprise voice, automatic calls, conferencing and integration with Exchange Unified messaging. Creating and managing different rules for clients and mobility services. Configuring and managing Edge, proxy, director and mediation servers. Managing Netapp storage solution at enterprise level. working with cluster and 7mode based storages. Creating and managing aggregates, volumes QTrees and ISCI, NFS, FC and FCOE. Working with different types of quotas snapshot backup and disk or node failure scenario.

Linux and windows Servers: Installing and managing Active Directory, delegate control, ADC,R.O.D.C , multiple domain and trust, AD RMS, AD CS, AD LDS, AD FS, sites and replication, moving operation master role, fine grand password policy, GPO, software deployment, AD profile, disaster recovery of AD, backup and restore. Microsoft Windows Server 2008, R2, 2012. Installing and configuring servers: RADIUS, DHCP, VPN, NAT, DNS, WSUS, WDS, File server, DFS media server, share point services, web server & FTP server. Router and routing protocol, internet printing protocol, remote desktop services.

Broadcast IT and others:

Avaco astra|VCP|VIZ |Seachane| Octopus| Incite N1 MP|FCP| Vector Box |Redhat linux |Centos |Ubuntu |Hyper V 2008 and 2012|Veeam availability suite v8 and v9| SAN/NAS storages |Netapp, EMC,) | SQL server 2008,2012 and 2014| Share point 2010/2013| ISA/TMG/UAG server 2006 and 2010| GFI end point security and Kesper anti-virus solutions.

My responsibilities include, but are not limited to:

- Leading IT department of AAP and Indus news.
- Monitor and managing overall company systems and network infrastructure including Amazon Web Services.
- Designed, Deployment and Manage the whole IT infrastructure of AAPNEWS and INDUS NEWS in different cities of Pakistan including Virtualization (VMware, Realize), storage (SAN/NAS), Anti-Virus, email server, Single forest multi domain environment, File server backup (Veeam, Acronis), DR (Vmware Site and replication), and other business required services.
- Directs technological research by studying organization goals, strategies, practices, and user projects.
- Maintains organization's effectiveness and efficiency by defining, delivering, and supporting strategic plans for implementing information technologies.
- Completes projects by coordinating resources and timetables with user departments and data center.
- Preserves assets by implementing disaster recovery and back-up procedures and information security and control structures.
- Recommends information technology strategies, policies, and procedures by evaluating organization outcomes; identifying problems; evaluating trends; anticipating requirements.
- Accomplishes information technology staff results by communicating job expectations; planning, monitoring, and appraising job results; coaching, counseling, and disciplining employees; initiating, coordinating, and enforcing systems, policies, and procedures.

My responsibilities include, but are not limited to:

- Deployment, Management, Optimization, Monitoring and Administration of IT infrastructure running on Microsoft, Linux, VMware, Dell etc. platforms across 2 main data centers.
- Research Architecture, design, implementation of Different IT projects
- Administration of Virtual infrastructure running on VMware Vsphere 6.0 with multiple EXSI hosts and Vcenter HA/DRS/FT VCRM and DR sites, Cluster VDS switches with ISCSI/NFS storages LUNs.
- Monitoring and Managing IT infrastructure with vRealize Log insight and vRealize Operations manager
- Responsible for managing Local / Cloud backups and recovery using Veeam Backup & Replication and Cloud connect.
- Management of disaster recovery DR sites with Zerto and amazon.
- Administration and managing Office 365 which contain different services.
- Managing Exchange server 2016 environment with multiple nodes and 2000+ mailbox
- Administration of Microsoft RDS server Publishing and managing Applications through Remote Desktop Services Server Clustering (RDS)

- Managing Microsoft SQL 2008-2014 (Standard & Enterprise) always-on availability group and Microsoft SQL 2008-2014 R2 multi instance cluster.
- Microsoft Server 2012 R2 Active Directory 2008 R2/2012 R2 single forest multi domain environment, group policy, DNS Fail-over Cluster, Network Load Balancing, IIS Servers, Distributed File System Cluster (DFS), Work folders and IIS Web Server Clustering.
- Coordination with different vendors like Microsoft, VMware for level 3/4 support.
- Monitoring infrastructure with Veeam One Monitor, Business Viewer, Reporter with scheduled and predefined custom reports
- supervising support through Cloud Based RMM Support with GFI Maxfocus for 1000+ Nodes

Express News
System support Engineer

May 2015 – June 2017



Responsibilities:

- Management of IT and Broadcast IT operations in live channel environment with 500+ nodes and support in multi remote sites.
- Deployed and managing VMware Horizon View 6.0 VDI/thin app solution.
- Creating manual and automatic pools linked clone and recomposing linked clone.
- Migration and re-designing of whole Virtual datacenter from VMware 5.0 to 5.5 suit.
- Administration of VMware environment including ESXi, vCenter, Capacity IQ, 5.5 and 6.0
- Administration of clusters | HA | FT | DRS | VDS | iSCSI/NFS storages | Backup of Virtual machines.
- Performed Hot and Cold Cloning classic and Storage vMotion deployed template and snapshots.
- Monitoring troubleshooting and backup/restore of virtual infrastructure using Veeam V8 | V9.
- Deployed and managing Microsoft Lync Server 2013 Infrastructure with 200 local and 300+ remote users, providing IM | Audio/Video | conference | meeting and Enterprise voice features.
- Administrator in the Architecture, design, implementation and support of the CMS Lync environment.
- Managing Storages SAN/NAS Like NetApp | EMC | Seachane .
- Administration of 2003 to 2012 servers included Active Directory | AD CS | AD LDS | AD FS | RADIUS | DHCP | DNS | WDS | Web Server | FTP | SQL server 2008, 2012 and 2014 | ISA/TMG/UAG servers | GFI End point security and Keeper anti-virus solutions
- Creating roles and assign permissions to individuals and groups on different levels.
- Implementation, Integration, Problem Resolution, Root Cause Analysis, Quality Assurance, Disaster Recovery, Audits, Hardware/Software OS & Application Maintenance, Performance Tuning, Upgrades, OS Backups, Migrations, User Account Maintenance, Storage Management and all other daily system administration functions.
- Installation, maintenance and troubleshooting of Media and Broadcast software's that are integrated with IT, Incite Media Producer, News Maker Octopus, Aveco Vector Box and VIZ for Broadcast graphics.
- Various types of Viz installation and its integration.
- Installation and configuration of NLE's software's and hardware (Adobe, FCP and Incite N1 MP)
- Installation and troubleshooting of MacPro, iMac and Apple Devices.

WORKMAN Group of companies **Jan 2015 – April 2015**
I.T Officer



- Managed entire information technology environment.
- Administration and Configuration of company servers, computers, hardware, software, routers, Printer and scanners.
- Supported company's IT mission through new initiatives and policies.

- Provided data and network administration and management support.
- Planned and implemented short and long term plans and strategies.
- Managed and supervised IT Division's daily operation.
- Provided technical support and direction on a daily basis to remote and local users.
- Successfully engineered time attendance machine configuration.
- Successfully restored whole AD configuration and information on brand new server.
- Successfully managed file server backup, file screening, quotas and restored deleted files.
- Successfully provided support to SAP users and manage to solve SAP issues client or server side.
- Successfully Implement RODC and ADC on Remote locations for service localization.

Global Tech Communication May 2013 – November 2014
Network administrator



- Held multifaceted responsibility to configure Install and administer network infrastructure.
- Enable new IT policies, which defined acceptable use of IT assets within company.
- Fulfilled administrative responsibilities including the addition or changes to user desktop, email accounts
- Installing and configure servers including File server, DC, Exchange and share point.
- Facilitating backup and restoring. Actively provided desktop, configuration and phone support for software and hardware.
- Successfully engineered a virtual private network (VPN) solution utilizing window 2008R2 server
- Configure NTFS and share folder security, perform disk management.
- installed and upgrade Computers including drives, modem, RAM, boards OS, Software application, antivirus and security software and drivers for both PCs and laptops

Projects:

- **Migration Project of Vsphere 5.0 to 5.5**
- **Deployed Exchange 2013**
- **Deployed Exchange server 2010**
- **Deployment of MS Lync server 2013**
- **Deployed DFS HA plan for 1000+ users.**
- **Deployed MS RDS HA and published different applications for 200+ users.**
- **Deployed Sophos safeguard encryption for windows 7&10 for 120+ machines.**
- **Deployed SCCM and SCOM for production servers patching and monitoring.**

Academic Qualifications:

Master in information technology (MIT) The superior collage university Lahore	2020
Bachelor of Arts Punjab university Lahore Pakistan	2017
Intermediate (ICS) the Educators College of Sahiwal Pakistan	2011
Matric (computer science) Govt. High School Sahiwal Pakistan	2009

Personal skills:

Team Player, Motivated, Hard-working along with leadership qualities.

Leisure Activities:

Internet surfing, games, music, singing, event designing and PC Trouble shootings, reading books & playing cricket.

Online Reference:

<https://mcp.microsoft.com/authenticate/validate/mcp.aspx>

Transcript ID (1043543) and the Access Code (Hamza123)



I hope I will fulfill your expectations & you will find me appropriate candidate that you are looking for I will be appreciated in an opportunity of interview so as enable you asses my suitability for this post.