

**SHANMUGA CHETTY G**

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**Professional Summary**:

* 4+ years of experience on Microsoft Azure with over all 9+ years of IT experience including Data Backup/Restore using IBM Tivoli Storage Manager.
* Proficiency in Azure and Systems Administration under multi-platform environments, including installation & configuration, server administration.

**Technical Skills:**

**Operating Systems :** Windows Server Platforms like 2003/2008/2012/2016

**Virtualizations :** VMWare ESXI, VMWare WORKSTATION.

**Cloud Solutions :** Microsoft Azure

**Programming Languages/Scripting :**Power Shell, Azure CLI

**Backup Tool :** IBM Tivoli Storage Manager

**Certifications Completed**

Azure Administrator Associate

IBM Tivoli Storage Manager V6.2 Administration

ITIL V-3 Foundation certification

**Current Professional Experience**:

**Company :** DXC Technology

**Duration :** September 2017 to till now

**Designation :** Professional 2 Storage Administration

**Project :** Brasil Delivery

**Responsibilities**

* Working as Cloud Administrator on Microsoft Azure IaaS, involved in configuring virtual machines, storage accounts, resource groups.
* Remote login to Virtual Machines to troubleshoot, monitor and deploy applications.
* Exposed Virtual machines and cloud services in the VNets to the Internet using Azure External Load Balancer.
* Configuration of Scale out and Scale up for business-critical applications as per the requirement.
* Configuration of high availability for IaaS VMs and PaaS role instances for access from other services in the VNet with Azure Internal Load Balancer.
* Designed Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs and subnets.
* Configuring shared disks to VMs.
* Configure Site-to-Site VPN Connectivity and VNet Peering.
* Configuring storage account, Blob, File and disk storage.
* Configuring Access keys and generating SAS keys.
* Configuration of Load balancer for VMs.
* Configuring static websites.
* Knowledge on Network Load Balancer, Application Load Balancer and Traffic Manager.
* Configuring Azure Backup Service for taking backup of Azure VM and data of on premise to Azure.
* Configuring Azure site recovery for replication.
* Creating Labs, Virtual Machines along with setting up policies and using Formulas and Custom Images to deploy the network.
* Migrating physical infrastructure with application in to the Azure cloud.
* Creating Co Administrator, Service admin User.
* Creating a Web site service and deploying application into it (PaaS).
* Syncing users from on-prem AD users to Azure through Azure AD service, Azure AD Connect tool.

**Previous Professional Experience**:

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| **Company** | **:** | IBM INDIA Pvt Ltd |
| **Duration** | **:** Sept 2015 to September 2017 | |
| **Designation** | **:** | Technical Services Specialist |
| **Project** | **:** | Colombia Pipeline group |

**Responsibilities**

* Tivoli Storage Manager Configuration, Maintenance and Troubleshooting.
* Backup and Restore using Tivoli Storage Manager.
* Configuring TSM DB, Recovery LOG and Storage Pools as per the Client requirements.
* Configuring SERVER process like Expiration, Storage Pool Migration, Collocation and Reclamation of Tape Storage Pool Volumes
* Configuring library and library paths, drives and drive paths, device class.
* Registering nodes to the proper Policy Domain and associating to schedules.
* Configure and Manage Administrative Schedule and Client Schedule.
* Checking administrative schedules like DB BACKUP, BACKUP STG POOL, if any failures working on it based on the priority.
* Checking activity log for any HARDWARE or Application related errors.
* If any Drive related or Volume related errors, move the data of the volume to destroy the Volume based on the number of READ / WRITE errors.
* AUDIT VOLUME to check for any inconsistencies in VOLUME'S DATA, and RESTORES

VOLUME.

* Audit Library if any mismatch in LIBRARY inventory and TSM inventory.
* Backup and restore of critical files needed for recovery, including the TSM server database and recovery.
* Off-site Reclamation of Tape volumes
* Maintaining minimum number of scratch volumes.

**Previous Professional Experience**:

**Company**  : Hewlett Packard Global Soft Pvt Ltd

**Duration** **:** September 2011 to August 2015

**Designation :** Service delivery consultant II

**Project :**  EON

**Responsibilities**

* Managing more than 7000 servers, operations, monitoring and end user support Tivoli Storage Manager Maintenance and Troubleshooting.
* Defining TSM DB, Recovery LOG and Storage Pools volumes.
* General TSM server health checking likes database, recovery log and storage pool space.
* Configuring TSM operations like expiration, migration, reclamation, collocation and media management.
* Backup and restore of critical files needed for recovery, including the TSM server database and recovery log, Storage pools, and Client data.
* Defining library and library paths, drives and drive paths, device class.
* Defining Domains, Policy sets, Mgmtclass and copy groups based on client requirements.
* Registering nodes to the proper Policy Domain and associating to schedules.
* Configure Admin and Client Schedules and Troubleshooting failed ones. Restoring the data, if any request comes from client.
* Checking activity log for any HARDWARE or Application related errors.
* Checking activity log for any HARDWARE or Application related errors. Resolving Drive related issues.
* Working on tape libraries such as IBM 3584 libraries for daily operations and troubleshooting techniques.
* Library Management, maintaining Scratch Volumes and Log Monitoring daily. Check in and Checkout tape volumes.
* Working on Bad Tapes
* Audit Library if any inconsistencies between LIBRARY inventory and TSM inventory. Working knowledge on UC4 monitoring too