



## Surya Krishna Phanindra Maddula

### SUMMARY:

- Having 13+ Years of experience in IT with different technologies on Microsoft Azure, Windows, IIS, VMWare, Citrix & Network Administrator.
- Knowledge of various Cloud service models, including IaaS, PaaS, and SaaS and supporting deployment models, including Private, Public, and Hybrid cloud.
- Hands on experience of managing Microsoft Azure Services via Azure Portal & PowerShell.
- Hands on Experience in On-Prem to Cloud Migration by using ASR & Azure Migrate.
- Good understanding & Design Experience of Azure virtual networks, Subnets and CIDR consolidation
- Experience in Power Shell scripting to automate many services management in Azure.
- Good understanding of Azure PAAS services, managed few PAAS services like Web Apps, Azure SQL DB, Service bus, Traffic manager, Application Gateways & Load balancers etc.
- Experience in Azure Cloud technology on Azure Administration, including IAAS.
- Migrating the virtual instances between the subscriptions.
- Good Experience with ASR configuration & Migration.
- Good Experience with Azure Migrate
- Good Experience with NSG configuration & Azure OMS.
- Good Experience with Azure Update Management & Azure AD.
- Good Experience in Integrating OMS with Service Now.
- Good Experience with Azure Security Center & Event Hub Configuration.
- Created ARM templates for deployments.
- Worked on azure automation, run books using Power Shell.
- Uploading standard VM images\Custom images in Azure cloud.
- Extensive experience in Azure Storage. Managed Blob storage & Table storage with access keys in some of the web applications. Experience with Virtual Machine trouble shooting.
- Good experience with network trace tools using Azure Network watcher.
- Experience with Azure SQL Database.
- Installation, Configuration, Administration and Troubleshooting of VM Ware Virtual servers.
- Good knowledge on migration SQL Server data to azure SQL DB.
- Creating Firewalls for azure SQL DB.
- Very good experience with azure service endpoints.
- Experienced in Installation, Configuration, Administration and Troubleshooting for Windows servers, VMware ESX servers, Citrix XenDesktop and XenApp Servers.
- Experience in IIS Migrations.
- Experience in Active Directory implementation and migration.
- Creating Clusters for High Availability and Distributed Resource Scheduler.
- Creating Groups, Access rights & Quota Management on File Servers.
- Creating and managing Windows server 2008 & 2012 Virtual Machines and Templates.
- Hot and Cold Cloning of Virtual Machines.

- ❑ P2V Conversion using VMware Converter.
- ❑ Migration of Virtual Machines using V Motion.
- ❑ Experience using DFS, DNS, DHCP & Group Policy.
- ❑ Able to provide effective solutions to solve difficult problems.
- ❑ Good Inter-personnel & Communication skills. Easily Adaptable and flexible to technological changes and up-gradation.
- ❑ Provided 24x7 on-call support of production issues.

#### **PROFESSIONAL CERTIFICATIONS:**

- ❑ MCSE (Microsoft Certified Solution Expert) from Microsoft – (ID: G899-7641)
- ❑ CCNA (CISCO Certified Network Associate) from CISCO - (ID: CSCO11906695)
- ❑ MCSA (Microsoft Certified Solution Associate) from Microsoft – (ID: 11112940)

#### **EDUCATIONAL QUALIFICATION:**

**B-Tech in Information Technology, JNTU-Kakinada. (2009)**

#### **TECHNICAL SKILLS:**

Microsoft Azure	: Azure Migrate, Azure FVPN, EXPRESSROUTE, UDR, Storage, OMS, Azure Site Recovery, Azure Backup, Azure Security Centre, NSG, Load Balancer.
Monitoring	: Azure Monitor, Application Manager, Solar winds 10.6, Science Logic
Virtualization	: ESXi & Citrix
Patch Management	: WSUS & Azure Update management
Operating Systems	: Windows 2003, 2008, 2012, 2016 & 2019
Antivirus Console	: Symantec Endpoint Protection Manager 11.0, CrowdStrike

#### **PROFESSIONAL EXPERIENCE:**

- ❑ Working as Infrastructure Lead (Cloud Engineering Team) in Eurofins IT solutions India Pvt. Ltd. From Jun 2022 to till Date.
- ❑ Worked as Infra Architect (Cloud) in Cognizant Technology Solutions from Jan 2021 to Jun 2022.
- ❑ Worked as IT Analyst at TATA Consultancy Services from September '14 to Dec 2020.
- ❑ Worked as Associate N/W Administrator at iMedX Information Services, from July '13 to September '14.
- ❑ Worked as Network Administrator at PCL from September '09 to July '13.

### **ELABORATED EXPERIENCE:**

**Eurofins IT solutions India Pvt. Ltd.– Infrastructure Lead – (Cloud Engineering Team)**  
**Jun 2022 – Till date**

### **Roles & Responsibilities:**

- Design and build the environment in Azure to migrate applications from On-Prem Data Center.
- Implemented Backup solution for O365 Products.
- Creating POC for Share Gate (Migration Tool)
- Working on terraform cloud to implement cloud infra as IAAC.

**Cognizant Technology Solutions**  
**Jun 2021 – Jun 2022**

Project Name : Albertsons  
Role : Infra Architect (Cloud)  
Duration : Jun 2021 to Jun 2022  
Environment : Azure

### **Roles & Responsibilities:**

- Design Target Architecture for On-Prem Applications/services as per Albertsons Policies.
- Implemented Azure Migrate Tool to migrate the application from Albertsons Data Center to cloud.
- Worked with Application Architect's, Owners, Individual stake holders to prepare project plans to deploy the cloud resources.
- Leading the migration team to complete Lift & Shift migrations by using Azure Migrate.
- Implemented Azure monitor and configured alerts as per customer requirement.
- Worked on Key Vault configuration to store Passwords/Secret's.
- Leading the migration team to complete Lift & Shift migrations by using Azure Migrate.

Project Name : Orica IT  
Role : Cloud Consultant  
Duration : Jan 2021 to Jun 2021  
Environment : Azure

### **Roles & Responsibilities:**

- Design and Implement Azure Site Recovery for Critical Applications.
- Implemented Azure monitor and configured alerts as per customer requirement.
- Worked on Key Vault configuration to store Passwords/Secret's.
- Leading the migration team to complete Lift & Shift migrations by using Azure Migrate.

**TATA Consultancy Services**  
**Sep 2014 – Dec 2020**

**Project:**

Project Name : DAN & GHO  
Role : Sr. Cloud Engineer  
Duration : Jan 2018 to Dec 2020  
Environment : Azure

**Roles & Responsibilities:**

- Managing virtual infrastructure in cloud.
- Worked in DD, HLD & LLD Phases for complete Project Migration.
- On demand provisioning of Virtual servers and SAAS (Software as a Service) based on customer requests.
- Migrating physical infrastructure with application in the Azure cloud.
- Creating DB and web instances in PASS (platform as service) based on developers and DB team request.
- Migrating the virtual instances between the subscriptions.
- Uploading standard VM images\Custom images in Azure cloud.
- Azure Virtual Machines: Deploying VMs.
- Create storage account and cloud services in azure cloud.
- Create / Manage / different kinds of VM's windows, Linux in Windows Azure IAAS.
- Creating BLOB and manage.
- Active Directory Creation, Traffic Manager, Application Gateway's.
- Good experience on Azure resource manager (ARM).
- Site Deploying in VM with enabling IIS and Endpoint creation.
- Working on ITIL Process (Incident, Problem and Change Management) and coordinating with the incident/problem/change management teams and resolve them within SLA.
- Good knowledge on creation of Azure Web apps
- Experience on Creating Cloud services, Storage Account.
- Deploy, manage & monitor cloud services.
- Implement storage related to blobs, Azure files & recovery services and managing the storage access.
- Good Knowledge on Implement and Integrate Azure Active Directory
- Design and Implement Azure Site Recovery and Azure Backup
- Create cloud service and virtual machine creation in Azure Portal.
- Provide IaaS and PaaS support for the development organization.
- Good Experience on creating load balancer using traffic manager Analyze internal processes and recommend and implement procedural or policy changes to improve operations.
- Proactive application Monitoring & Alerting, Application Outage & Maintenance Notifications
- Good experience on creating Site to Site VPNs,
- Resolve support requests & issues per SLA.
- Incident engineering which includes detection, investigation of incident, resolution, and recovery.

**Project:**

Project Name : ICIC Lombard  
Role : Lead – Windows & IIS Administrator  
Duration : Sep 2014 to December 2017.  
Environment : Microsoft Windows

**Roles & Responsibilities:**

- Configuration and maintenance of Windows 2008/2012 servers
- IIS Configuration & Administration
- Collecting required Proc dumps and Memory dumps to fix application & Server performance issues.
- Analyzing Memory, CPU & Disk I/O issues in Production environment using Perf mon Logs.
- Configuring Debug Diag Rules & Collecting Crash dumps to fix Web application issues.
- Analyzing Freb Logs, IIS Logs and event logs to fix application issues.
- SSL & Load balancer Implementation
- Installation, configuring and managing the Virtual Centre 4.x, 5.x
- Administrating Control-M tool to schedule Windows & DB Jobs.
- Administrating CA Release Automation tool to deploy files on application servers.
- Creating and managing virtual machines, installing VM Tools into VM's and allocating for end user.
- Create a cluster in Virtual Infrastructure and enabling HA and DRS feature.
- Converting Physical to Virtual and Virtual to Virtual using VMware converter4.0.
- Moving the running VM from one host to another using VMotion Technique.
- Moving VM's from one LUN to another LUN using Storage VMotion.
- Adding the LUN's to ESX Host Data store, Add Extent of existing ESX Data stores.
- Refreshing ESX Storage and Rescan storage adapter for the newly added VMFS data stores.
- Adding Hosts to VC, Creating and managing VM's under the Hosts.
- Taking VM Snapshots before updating the Patches.
- Taking Virtual Machine clone before upgrading any applications.
- Troubleshooting of common Virtual Infrastructure Problems.
- Building New Virtual machines and Standalone servers by installing all VMware tools per customer's request.
- Monitoring virtual Infrastructure using VC alarms.
- Creating User accounts and Group policies as per the project requirement.
- Experience using Robocopy and Powershell scripts.
- Installing, configuring, Supporting for Project specific Applications.
- Contributing and participating in a team environment by willingly sharing knowledge and technical expertise.

- Handling the Technical escalations from the team members.
- Maintaining meaningful records of all incidents and service requests.
- Primary contact for daily maintenance activity and reporting.
- Primary Contact for Vulnerabilities Closure Activities, GAP Closure & OS Patching activities.
- Preparing Downtime reports for the entire Productions server on Daily, Weekly & Monthly wise.

**iMedX Information Services - Team Lead, Data Center Operations**  
**July 2013 – Sept. 2014**

**Roles & Responsibilities:**

- Installation & troubleshooting of the Windows Server 2003/2008 Operating Systems.
- Maintenance of Active Directory in a 2008 domain, creation of group polices, configuration of Sites and services to allow efficient authentication.
- Resolved Active Directory replication issues.
- Lead team in up gradation from Active Directory 2003 to Active Directory 2008.
- In-depth knowledge of IIS, DHCP, GPO's and Active Directory.
- VMware Server management including server template creation and management, server deployments as well as ESX host troubleshooting.
- Performed ongoing hardware and software maintenance of Windows server environment, including VMware ESX Server and virtual machines.
- Responsible for day-to-day management of VMware ESX farms, including provisioning, patch management and issue resolution.
- Performed successfully physical to virtual and virtual to virtual conversions of physical/virtual machines using VMware Standalone Converter.
- Administrating Microsoft Exchange Server including account creation/maintenance/restoration, generic mailbox creation and maintenance, distribution list creation and maintenance, permission/problem requests.
- Maintenance and deployment Symantec Endpoint Protection Manager.
- Responsible for the daily monitoring of all servers on the network and report on system capacity utilization by using Monitoring Tools like AppMonitor, Solarwinds etc.
- Administrating WSUS.
- Administrating Microsoft SharePoint server 2007.
- Responsible for taking the daily dump of the databases and weekly backups on the server.
- Responsible for scheduling the backup and storage of Offsite and Onsite backups effectively.
- Responsible for executing the software patches when and where it was required and forwarding the error file to the programmers.
- Responsible for writing system documentation, process and change control procedures and implementation sign off procedures.

**PCL - Network Administrator**  
**Sep 2009 - July 2013**

**Roles & Responsibilities:**

- Installation and administration of Windows Servers 2003 and 2008.
- Good understanding and work experience on Windows 2003, 2008, Active Directory, FSMO roles.

- Configuration and maintenance of DNS and DHCP servers.
- Creating & Managing OUs, user accounts & Groups on Windows servers
- Migration of Windows 2003 Environment to Windows 2008 Environment.
- Implemented Remote Installation Services (RIS) & Windows Deployment Services (WDS) for the remote installation of Operating Systems.
- Managing and Supporting for FILE, PRINT, FTP servers.
- Experience in Installation and configuration of web servers, FTP on Windows IIS 6.0 Servers and IIS 7.0.
- Ensure system connectivity of all servers, shared software, and other applications.
- Installation and configuration of local and network printers.
- Experience in maintains the DELL, HP ProLiant, IBM Blade servers.
- Creation of Roaming profiles to the users depending on the process to which they belong.
- Reserving IP addresses in DHCP Server for the Visitors to our Organizations.
- Kaspersky Antivirus domain level deployment on Commercial Accounts with successful Knowledge Transfer.
- Making sure all the systems are up to date with the security patches.
- Performance and Health checking of Servers.
- Installation and configuration of Hardware RAID configurations in all branded servers.
- Coordinating with vendors for server Hardware related issues.
- Identifying the Hardware problems and replacing the cards and upgrading RAM, Processors and Hard disks.
- Installing, configuring, Supporting for Project specific Applications.
- Providing technical, product and process related assistance to new team members.
- Contributing and participating in a team environment by willingly sharing knowledge and technical expertise.
- Maintaining meaningful records of all incidents and service requests.
- Installing application patches, server patches and antivirus updates.