**Notes**

1. We need check whether fully migrated into cloud or hybrid like DB in on premise and other services migrated into cloud
2. If its hybrid make sure connect with VPN gateway
3. If its fully migration into cloud, need to focus below points

**Step1**

**Building the Foundation -** Virtual Network

**Step2**

Create a new storage account from the Azure management portal

**Step3**

Move files from local folder and local server to azure blob storage

**Step4**

Create a new SQL server & DB from the Azure management portal

**Step5**

Migrate on premises data to azure SQL database using azure data migration assistance tool

**Issues**

1. SQL Azure requires each table to contain a clustered index, otherwise you won’t be able to insert any data to it
2. SQL Azure does not support statements like:

SELECT ... INTO

Because bulk insert are not supported

1. We can check compatibility while migration process, there it will show issues than can be after migrating and have to fix before migration
2. The largest difference to query support is that Full-Text search (for example, using CONTAINS)
3. The Common Language Runtime (CLR) integration is not supports within SQL Azure, which means stored procedures, triggers, and user-defined functions written in a .NET language are not supports in SQL Azure.

**Step6**

Create required cloud services and migrate based on requirement

**Step7**

Then deploy into azure app service or IIS server which is in VM with in the VNet

1. web server - VM IIS server

2. database - azure sql database

3. multiple modules - AKS containers

4. web services - API , functions

5. files, images - storage account

6. state management - radiscache, CDN

7. Authentication & Authorization - Azure AD, API Management, Oauth

8. load balancing - azure load balancing