

Azure Migration/Transformation Steps Estimate

① Azure Environment creation

- Azure 'account (Azure calls it subscription)' plan/creation/execution
- Azure permission setup (ADF, Azure Storage, Azure SQL in the beginning)
- VNet (Azure 'virtual network') plan/execution
- Resource Group creation and management
- AAD (Azure Active Directory) setup/building
- One important topic: connection method - Azure ExpressRoute or VPN?

② Core DBs to Azure (target DBs specified) plan

- Production and Active DBs migrate to Azure
- Archive DB creation and 'Archive': On-premises (off-cloud)
- As well as 'Cleanup' of production SQL server
- This includes 'preparation' time - meaning, identifying any migration issues/solving the issues

③ Cost estimate and Target Azure SQL selected

- Among multiple Azure SQL, Managed Instance (MI) seems feasible
- There will be no OS, no SQL version (Centerlight point of view) to manage
- Needed scale (CPU and Memory), storage and transactions count for scale and cost estimation

Connection works

- Azure SQL itself is nothing useful if not connected to other services
- it actually includes all building works (ADF pipelines/schedules/SFTP or storage connections, for example)

④ Learning curve for Data Staff

- Data staff must learn Azure and Azure SQL
- Environment will be similar, but Hybrid (Azure + On-premises dual connection) environment it will be
- Encourage team member, Cloud tech, ideas
- Try and fit into Azure Scale and technology

⑤ Roles and assignments

- EDI side - cloud EDI environment. How is it different from traditional FTP connection?
- ADF - upscale type of SSIS (in a simplified description)
- Roles are important and even more, Assignments (who is doing Cloud EDI? how? what connection method? kind)

Testing and Actual Migration

- This includes Testing and Prototyping time (better not depend on one big gamble)
- Again, Testing time is identifying and solving 'issues' and 'problems' phase. Regardless of Inside 'Data issue' or outside Database boundary
- Realtime migration or Backup/Restore migration (Rift and shift)