
Migrating Cloud Vault from Azure to on-premise

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1. Requirements

- The same M-Files version must be installed to Cloud server and to on-premise server
- Local database server should be MS SQL Server 2012 or 2014
- MS SQL Server Express edition can be used but consider the following limitations:
 - o [http://msdn.microsoft.com/en-us/library/cc645993\(v=SQL.110\).aspx](http://msdn.microsoft.com/en-us/library/cc645993(v=SQL.110).aspx)
 - o Maximum relational Database size: 10 GB
 - This shouldn't be problem with most vaults because file data is not stored to the database
 - o Maximum memory utilized (SQL Server Database Engine): 1 GB

2. Migration procedure

- You should receive a .bacpac file (metadata backup) and FileData directory from M-Files. Copy these files to your on-premise database server
- Open MS SQL Server Management Studio
 - o Connect to the database engine
 - o Databases => Import Data-tier Application => Next
 - o Import from local disk => <Select .bacpac file> => Next
 - o Choose proper name for the database, e.g. vault name => Next => Finish => Close
- Open M-Files Server Administrator
 - o Connect to M-Files Server
 - o Attach restored Document Vault
 - Set vault name
 - Attach using original identity (the identity can be changed later)
 - Advanced => Use Microsoft SQL Server => Define...
 - Set local SQL Server information
 - File data location => Store file data in a file-system folder => Define
 - E.g. if the file data is located in C:\Sample Vault\FileData\, enter C:\Sample Vault\ for the path.
 - o Test the document vault
 - Open M-Files event log
 - Check events which were there just before taking backup
 - Check events which should have been created after attaching the document vault
 - o Check contents of value lists and object types
 - o Log in to the vault
 - Perform quick search and check that metadata card works
 - Open object files
 - Try to create a new object with file (and remove it after that)