Restore MI databases

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SSMS from 18.0 preview 5 and sqlpackage from 18.0 support import and export of managed instances

For more details kindly check the following links:

https://cloudblogs.microsoft.com/sqlserver/2018/11/15/ssms-18-0-public-preview-5-released/

https://docs.microsoft.com/en-us/sql/tools/sqlpackage-download?view=sql-server-2017

Restore Managed instance from Blob Storage:

The following documentation with video explains the steps in details: https://docs.microsoft.com/en-us/azure/sql-database/sql-database-managed-instance-get-started-restore

Restore Managed instance into On-premise SQL Server using .bacpac file

Backups from a Managed Instance can only be restored to another Managed Instance. They cannot be restored to an on-premises SQL Server or to an Azure SQL Database logical server single or pooled database but follow the workaround bellow allows the user to restore the MI database:

Creating a bacpac file using sqlpackage, for example,

- Using this command and running it in a Windows Command Prompt from a Virtual Machine in Azure:

  > "C:\Program Files (x86)\Microsoft SQL Server\140\DAC\bin\sqlpackage" /a:export
  > /tf:File_name.bacpac /sdn:Database_name/ssn:MI_server_name.database.windows.net
  > /sp:password /su:user

- Check the File.bacpac in the chosen path.
- Make sure to Install SQLPackage.exe

- Run the Import Command in the in the Windows Command Prompt from a Virtual Machine in Azure:

  > sqlpackage.exe /Action:Import /tsn:tcp:<ServerName>.database.windows.net,1433 /tdn:
  > <TargetDatabaseName> /tu:<UserName> /tp:<Password> /sf:<Path to bacpac file>
  > /p:DatabaseEdition=Premium /p:DatabaseServiceObjective=P4 /p:Storage=File

How good have you found this content?

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