Import After Edit Fails

Last updated by | Keith Elmore | Apr 5, 2021 at 7:56 AM PDT

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Import fails with an error "Multidisk ZIP format not supported"

Scenario

The customer has made some edits to the bacpac file (for example changing collation), they have done this by unziping the file and making changes and then re-ziping the file. When the import is attempted they get an error stating

"Multidisk ZIP format not supported"

Error

"Multidisk ZIP format not supported"

Cause

The original bacpac file is 'large' and when it is re-compressed it is in a multidisk format that sqlpackage.exe doesn't support.

Workaround

The workaround is to use sqlpackage.exe and an undocumented option which allows for an alternative location for the model.xml file and does not therefore require the original bacpac to be unzipped and re-zipped.

So the steps can be updated something similar to:

1. Make sure the customer is using a modern version of sqlpackage that support the /ModelFilePath parameter.
2. Open the .bacpac file using winzip or 7-zip
3. Copy the model.xml to a local folder "C:\Temp\model.xml"
4. Edit the "C:\Temp\model.xml" with the desired collation. For example: From: <Property Name="Collation" Value="SQL_Latin1_General_CP1_CI_AS" /> To: <Property Name="Collation"

   Value="Latin1_General_BIN" />

   5. Run the import using sqlpackage.exe, but use the /ModelFilePath:C:\Temp\model.xml parameter
      to override the model.xml in the .bacpac. For example:

sqlpackage.exe /Action:Import /tsn:[server].database.windows.net /tdn:[database] /tu:[user] /tp:
[password] /sf:"C:\Temp\database.bacpac" /ModelFilePath:C:\Temp\model.xml

Classification

Root Cause: Azure SQL DB v2\Import/Export\User Issue/Error

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