

MM_BLOB Table Conversion Guide

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The original Vasont schema was configured to contain 'LONG RAW' values for the MM_BLOB table. This table is used to store files in the form of PDF, Excel files, Word files, graphic images, etc... The only drawback of this is that the files can be no larger than 100MB.

To increase the file size limit, the MM_BLOB table type in your schema must be changed from a 'LONG RAW' to 'BLOB'. This document outlines the procedure to transform this table.

The data within the table itself will temporarily increase by 50% during the conversion. After the conversion is finished, the data will shrink back down to its original size. Take care to make sure that the schema tablespace(s) are set to autoextend. You will also need to add a new data file if you think the tablespace will exceed the maximum allowed size of 32GB.

Procedure:

- 1 - Make sure that no users will be logging into the schema during the conversion process. This is very important to ensure a proper conversion
- 2 - Run the script as the schema owner (alter_mm_blob.sql)
- 3 - The process will take some time depending on how large your MM_BLOB table is. For example, a 40GB schema being converted on an 8 core server with 4 GB or RAM allocated to Oracle will take about 4 hours for the conversion from start to finish.
- 4 - After the script runs, you will see three date/time stamps reported:
ALTER_MM_BLOB.SQL Started: ...
MM_BLOB_CTX_IDX Rebuild Started: ...
ALTER_MM_BLOB.SQL Finished: ...
- 5 - To double check and make sure that the script ran successfully, you can use the following sql statement and make sure that the MM_BLOB table has been converted from 'LONG RAW' to 'BLOB'.

Describe MM_BLOB;

Successful Conversion:

Null?	Type
NOT NULL	NUMBER
	BLOB

IMPORTANT NOTE

A new Prebuild Blob Table script is available that is to be used in the future when importing your converted schema. The new script, prebuild_blob_tables-WITH-MM-BLOB-SUPPORT, is located in this folder where you found this document as well as the alter_mm_blob script.

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