

# XML document could not be created because server memory is low

Last updated by | Vitor Tomaz | Feb 24, 2023 at 3:32 AM PST

---

## Contents

- [Issue](#)
- [Investigation/Analysis](#)
- [Mitigation](#)
- [Internal reference](#)

## Issue

When the customer runs a query he gets the error

*Msg 6624, Level 16, State 7, Procedure sp\_xml\_preparedocument, Line 1 [Batch Start Line 1] XML document could not be created because server memory is low. Use sp\_xml\_removedocument to release XML documents.*

Looking at the server memory, apparently there is enough memory.

## Investigation/Analysis



When `sp_xml_preparedocument` is used to prepare XML documents for OPENXML, it stores xml document into the main memory. The memory used is capped to 1/8 of server available memory. Once this limit is reached, `sp_xml_preparedocument` could return 6624 - *XML document could not be created because server memory is low. Use sp\_xml\_removedocument to release XML documents.*

Like so, we should not see an overall high memory consumption, since it uses 1/8 of the memory.

The query against the DMV below will return you

## Mitigation

Different options for review:

- scale up, so more memory is available
- use [sp\\_xml\\_removedocument](#)  to free memory when is no longer needed
- Tune the query. Example [here](#)  on how to use XML capabilities

## Internal reference

[333136197](#) 

**How good have you found this content?**

