

# Length of LOB to be replicated exceeds configured maximum

Last updated by | Vitor Tomaz | Feb 24, 2023 at 3:26 AM PST

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## Symptom

Customer gets the below errors when inserting or updating data in a table:

```
Msg 7139, Level 16, State 1, Line 32
Length of LOB data (xxx) to be replicated exceeds configured maximum 65536. Use the stored procedure sp_config
to increase the configured maximum value for max text repl size option, which defaults to 65536.
A configured value of -1 indicates no limit, other than the limit imposed by the data type.
The statement has been terminated.
```

## Analysis

Check with the customer if the affected table is part of a Transactional Replication publication, or is enabled for Change Data Capture (CDC).

Transactional Replication and CDC come with a configuration option which controls the size of the LOB data that is replicated to subscribing databases. This option helps with keeping the size of the change metadata under control, especially the `distribution..MSrepl_commands` and the `"*_CT"` tracking tables.

The error 7139 occurs if the inserted/updated LOB data is exceeding the configured limit.

## Mitigation






Increase the max text repl size. But on Azure SQL database, it is `NOT SUPPORTED` to execute below command:

```
EXEC sp_configure 'max text repl size', -1
GO
RECONFIGURE
GO
```

Please create a new `IcM` to engage product team help change the max text repl size.

Like mentioned below, a repair item will be deployed. Until then, the mitigation as to go through the PG.

## References

- Public Doc about max text repl size (not apply to Azure SQL DB): [Configure the max text repl size Server Configuration Option](#) 
- EngHub TSG: [Change default max repl text size value | Eng Hub Example](#) 
- Similar IcM: [Incident-333608541 Details - IcM](#) 
- Example of ICM opened, referencing the existing issue: [356114406](#) 
- Repair item: [Bug 2007918: Max repl text size value not showing the override - Boards](#)  (To fix the max repl text size property's Value in use to show the overridden value when run: select \* from sys.configurations where name = 'max text repl size (B)'; )
- MI wiki: [Length of LOB data \(NNNNN\) to be replicated exceeds configured maximum 65536](#)

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

