

# [Azure PostgreSQL] handling Geometry column (PostGis)

Last updated by | Jackie Huang | Jan 4, 2022 at 12:24 AM PST

## 201081- [Azure PostgreSQL] handling Geometry column (PostGis)

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<b>SME</b>	
<b>Symptoms</b>	<p>Scenario is copy from Azure PostgreSQL and to Azure PostgreSQL. The source table contains a column of geometry type. It could fail with below error messages:</p> <ul style="list-style-type: none"> <li>Operation on target Copy data1 failed: 'Type=Npgsql.PostgresException,Message=XX000: <b>parse error - invalid geometry</b>,Source=Npgsql,' (This happens when customer is using the '<b>Table</b>' option for copy source)</li> <li>Operation on target Copy data1 failed: 'Type=Npgsql.PostgresException,Message=42703: <b>column "st_astext" of relation "geometriessink" does not exist</b>,Source=Npgsql,' (This happens when customer is using 'query' option, and query uses <b>ST_AsText(...)</b>: SELECT name, <b>ST_AsText(geom)</b> FROM geometries;)</li> </ul>
<b>Cause</b>	<p>By default, copy does not support PostGis types: NpgsqlTypes.PostgisPoint/NpgsqlTypes.PostgisLineString/NpgsqlTypes.Postgis....</p> <p>But as an alternative, we could try convert those Geometry column as text.</p>
<b>Resolution</b>	<p>Change the query in Copy by adding additional ::text to column of geometry type. Example: SELECT name, geom::text FROM geometries;</p>
<b>More Information</b>	<p>Related incidents, reminder, best practice, how to avoid the issue, how to troubleshoot <a href="#">Ruoyu Li: A quick question with Azure DB for PostgreSQL connector, may I know it's...</a> posted in ADF - CSS Collaboration / General at Nov 1, 2019 11:57 AM</p>
<b>Tags</b>	Npgsql; PostGis;

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