

Unable to set Azure Active Directory Admin

Last updated by | Susheel Bojjawar (Quadrant Resource LLC) | May 19, 2021 at 10:30 AM PDT

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Issue

Attempting to set Azure Active directory admin on postgresql database fails with error.
Fails both Via CLI and Portal with same error.

An unexpected error occurred while processing the request. Tracking ID: 'fed0c324-85c6-45d9-a8e1-ba16980d19f3'

Investigation/Analysis

1. There could be several reasons why the error occurred. Run the query below on the respective Kusto cluster where the database is hosted.
2. Please run the query below on the respective Kusto cluster where the database is hosted.

```
let pg_server_name = " ";
let begin_time = ago(1d);
let finish_time = now();
MonRdmsInstanceAgent
| where LogicalServerName == pg_server_name
| where originalEventTimestamp > begin_time
| where originalEventTimestamp < finish_time
| where message_systemmetadata contains "PostgresAADModel"
| project originalEventTimestamp, process_id, message_systemmetadata
```

If you see a message saying "*Npgsql.PostgresException (0x80004005): 3F000: no schema has been selected to create in at Npgsql.NpgsqlConnector*"

<i>originalEventTimestamp</i>	<i>process_id</i>	<i>message_systemmetadata</i>
2021-05-13 19:23:10.9386362	11736	[PostgresAADModel].AddOrUpdateAADAdmin: Start
2021-05-13 19:23:10.9406039	11736	[PostgresAADModel].VerifySetup: Start
2021-05-13 19:23:14.3204465	11736	[AgentErrorExceptionFilterAttribute].LogError: Error when response: ae63-41d0-a855-88ee0f69c10e (PUT/ https://tr658.canadacentral1-a.worker.database.windows.net:1452/postgresqlapi/c0845fb64api-version=2016-08-25), HttpStatusCode: '500', ErrorCode: 'Microsoft.RDMS.InstanceAgent.Service.Common.AgentError', 'Npgsql.PostgresException (0x80004005): 3F000: no schema found for table public.aadadmin'. <>c__DisplayClass161, <<ReadMessage>g_ReadMessageLong

Mitigation

Instance Agent may not have the proper schema selected or the customer may have removed the public schema from search_path. Please ask the customer to reset this parameter to its default value and try again.

 Uploaded Image

1. Go to Azure portal.
2. Navigate to the postgresql database.
3. Click on server parameters under settings.
4. Look for the parameter *"**Search_path**"*, click the three dots on the right and select "reset to default".
5. The value we are expecting is "\$user",public.

Repro Steps

1. Try to set Azure AD Admin via CLI or Portal with out the value public in search_path

Internal Reference

Repair item has been created to address the underlying issue.

<https://msdata.visualstudio.com/Database Systems/ workitems/edit/1180439>

Root Cause Classification

Cases resolved by this TSG should be coded to the following root cause:

<Root cause path>

How good have you found this content?

