Migration from single to flexible Errors and solutions

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Common Issues in single to flexible server migration

Error: Insufficient permission on server 'xxxxx.postgres.database.azure.com ↗'. 'username' permission is required to perform migration.

This error indicate user does not have replication role, you can check user permissions by running:
```
SELECT usename, userepl FROM pg_user;
```

To grant user replication role, run:
```
ALTER ROLE <username> WITH REPLICATION;
```

Error: "Ensure the secret being sent in the request is the client secret value"

During creating migration in PGFS, you are requested to enter value for :

Azure Active Directory App * ⓘ

Azure Active Directory Client Secret * ⓘ

```
Azure Active Directory App  = Appname
Azure Active Directory Ccient Secret = Appsecrect
```

Client credentials   : 0 certificate, 1 secret

if customer provided Appname ID above error will raise. Secret is generated during App creation and cannot be shown after creation. if secret is not available, new one can be created or create new App

Error: logical decoding cannot be used while in recovery

If customer tries to run migration from read replica as source, above error will raise, please make sure to use primary server that is in read-write mode (not in read-only)

Migration is taking long time

In this scenario, you can check migration progress :

```
PGOnlineMigration
| where ScenarioTaskId == 'TASKID'
| project PreciseTimeStamp, TaskName, Level, LastCommitLsn, ServerWalLsn, SyncLag, EventMessage, EventId, Numb
```

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Please check these TSGs to get TASKID:

- [Troubleshoot-Single2Flex-migration](#)
- [DMS_troubleshoot_workflow](#)

hypopg extension error

Migration will fail if extension hypopg is created since migration tool will try to run this command which will fail:
```
Command was: COMMENT ON EXTENSION hypopg IS 'Hypothetical indexes for PostgreSQL';
```

Try to drop extension on both source and target servers and retry migration.

Known limitations

https://learn.microsoft.com/en-us/azure/dms/known-issues-azure-postgresql-online [↗]

How good have you found this content?

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