

PostgreSQL permission denied for language c

Last updated by | Lisa Liu | Nov 6, 2020 at 10:34 AM PST

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4:46 PM

```
CREATE OR REPLACE FUNCTION schema.generate_random_uuid()  
RETURNS uuid  
LANGUAGE c  
AS '$libdir/pgcrypto', $function$pg_random_uuid$function$
```

ERROR: permission denied for language c

Please note that This is not supported scenario in Azure Postgres.
As Azure PostgreSQL doesn't let users to install arbitrary C functions.
This limitation is for 'c' language based functions for security reasons

Reason for the error: failed to the create c type function because you are trying to load a c function from pgcrypto library which we don't allow.

A simple workaround to use the pgcrypto functions is to enable the extension:

```
create extension pgcrypto;  
select gen_salt('md5');
```

```
gen_salt  
-----  
$1$SR5Nwkj1
```

More information can be found here: <https://www.postgresql.org/docs/9.2/static/pgcrypto.html>

related IcM <https://icm.ad.msft.net/imp/v3/incidents/details/68012133/home>

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