# Server struck while creating Read replica for postgres flex server with VNET using ARM

Last updated by | Rajani Kumari Veluvali | Mar 17, 2023 at 1:23 PM PDT

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#### Issue

cx says that creating read replica for postgres flex server got struck or not moving further.

#### What to check before raising an ICM

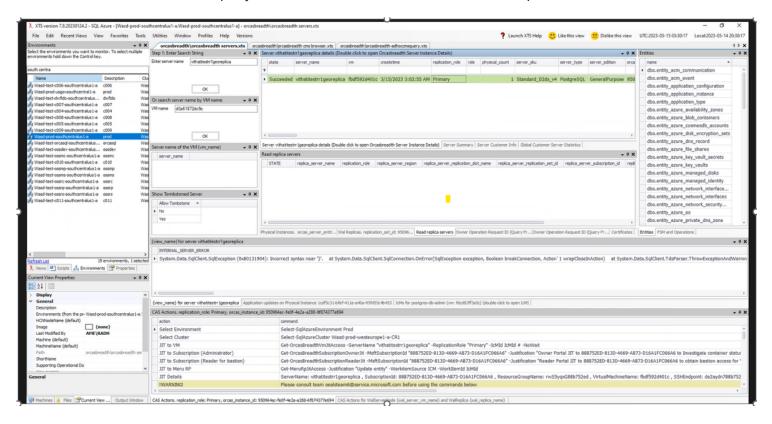
- CO to verify if the server is using VNET.
- If cx is using vnet server for read replica, cx need to make sure to give private dns zone
  - Cx need to Provide below inputs.
  - Subscription Subscription where read replica should be provisioned.
  - Resource Group Resource group where read replica should be provisioned.
  - Replica Location Location where read replica should be provisioned.
  - Server Name replica server name
  - PrivateDnsZoneArmResourceId
  - Source Serer Resource Id: Source server resource id. Example: subscriptions/aaaaaaa-aaa-aaa-aaaaaaaaaa/resourceGroups/TestSourceResourceGroup/providers/Microsoft.DBForPostgreSql/flexibleServers/ pgtestsvc4 information in ARM template.

#### **ARM** template

{"serverResource":"{ "Properties": { "CreateMode": "Replica", "AvailabilityZone": "3", "SourceServerResourceId": "/subscriptions/1db40ab4-da40-453f-ac8c-651494c6e18f/resourceGroups/composite-service-stage-va7resource-group/providers/Microsoft.DBforPostgreSQL/flexibleServers/cos-stage-va7-postgres-flexible-server", "Storage": { "StorageSizeGB": 512 }, "Network": { "DelegatedSubnetResourceId": "/subscriptions/1db40ab4da40-453f-ac8c-651494c6e18f/resourceGroups/composite-service-stage-va7-resourcegroup/providers/Microsoft.Network/virtualNetworks/composite-service-stage-va7-vnet/subnets/cos-stage-va7private-postgresflex-subnet", "PrivateDnsZoneArmResourceld": "" } }, "Location": "eastus2", "Tags": {
"Adobe.ArchPath": "ACP-CS.Service.CompositeService", "Adobe.Class": "Infrastructure", "Adobe.CostCenter":
"103739", "Adobe.DataClassification": "Confidential", "Adobe.Environment": "Stage", "Adobe.Owner": "Adobe
Cloud Platform - Content Services", "Adobe.PCIData": "false", "Adobe.SKMSServiceld": "5908" }, "Type":
"Microsoft.DBforPostgreSQL/flexibleServers" }"}

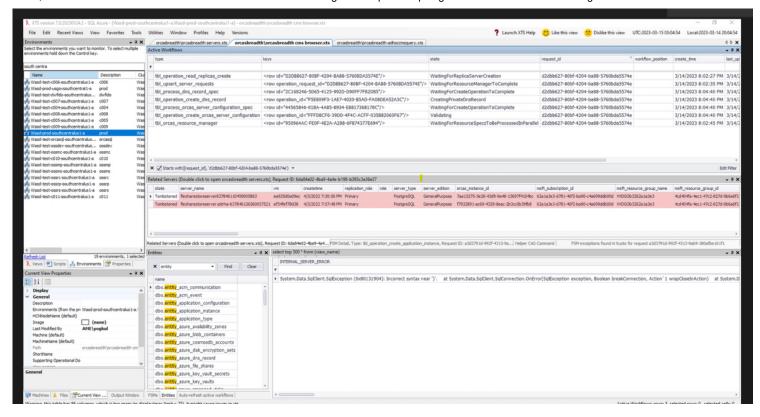
### How to check if the migration is successful

• Use orcasbreadth-adhoccmsquery.xts view (Give the server's name that is replicated)



## How to check migration status with request ID

• Use Orcasbreadth cms browser.xts with the request ID, This will give you the error and status of the server.



## Kusto query to check the progress of the migration

```
let MIGRATIONID_ARG = '6da84e02-4ba9-b198-b393c3e36e37';
let STARTTIME_ARG = datetime(3/16/2023 7:27:45 PM);
OBPgMigrationSidecarLogs
| where PreciseTimeStamp >= STARTTIME_ARG
| where MigrationRequestId =~ MIGRATIONID_ARG
| where Category != 'PgcopydbListProgress'
| project TIMESTAMP,PreciseTimeStamp, MessageString, Category, Database, LogLevel, LogicalServerName, DbMigrat
```