Find subscription ID of a Azure Database for PostgreSQL Flexible Server

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Issue

How to find subscription Id of the Azure Database for PostgreSQL Flexible server

Investigation/Analysis

Since flexible server architecture does not have the gateway, we will not be able to find the region of the server by pinging it. Also when the server is in Stopped state or if it server is deployed in Vnet.

If you know the region of the server, you can find it using the below query.

MonOrcasBreadthCMSSnapshot
| where ha_original_primary_server_name contains "subscriptionmovetest"
| where TIMESTAMP > ago(7d)
| summarize min(TIMESTAMP), max(TIMESTAMP) by subscription_id, ClusterName
,customer_resource_group_name, server_name, ha_original_primary_server_name, bin(TIMESTAMP, 8d)

subscription_id	ClusterName	customer_resource_group_name	server_name	ha_original_primary_server_name	TIMESTAMP	min_TIMESTAMP	max_TIMESTAMP
▓▓▓▓▓▓▓▓▓▓▓▓▓▓-D3086560FF76	tr23.eastus1-a.worker.database.windows.net	casetest	subscriptionmovetest	subscriptionmovetest	2022-01-22 00:00:00.0000000	2022-01-27 02:10:34.6297945	2022-01-27 03:40:36.1911425
▓▓▓▓▓▓▓▓▓▓▓▓▓▓-F0E56D279C29	tr23.eastus1-a.worker.database.windows.net	PostgreSQL	subscriptionmovetest	subscriptionmovetest	2022-01-22 00:00:00.0000000	2022-01-27 04:10:35.9769366	2022-01-27 05:10:34.2835543

If you do not know the region, below query will help to find the details.

let GlobalMonOrcasBreadthCMSSnapshot = union
cluster('sqlazureau2.kustomfa.windows.net ⬀').database('sqlazure1').MonOrcasBreadthCMSSnapshot // australia
, cluster('sqlazurebr2.kustomfa.windows.net ⬀').database('sqlazure1').MonOrcasBreadthCMSSnapshot // brazil
, cluster('sqlazureca2.kustomfa.windows.net ⬀').database('sqlazure1').MonOrcasBreadthCMSSnapshot // canada
, cluster('sqlazurecus2.kustomfa.windows.net ⬀').database('sqlazure1').MonOrcasBreadthCMSSnapshot // central us
, cluster('sqlazureeas2.kustomfa.windows.net ⬀').database('sqlazure1').MonOrcasBreadthCMSSnapshot // east asia
, cluster('sqlazureeus12.kustomfa.windows.net ⬀').database('sqlazure1').MonOrcasBreadthCMSSnapshot // east us1
, cluster('sqlazureeus22.kustomfa.windows.net ⬀').database('sqlazure1').MonOrcasBreadthCMSSnapshot // east us2
, cluster('sqlazurefra.kustomfa.windows.net ⬀').database('sqlazure1').MonOrcasBreadthCMSSnapshot // france
, cluster('sqlazureince2.kustomfa.windows.net ⬀').database('sqlazure1').MonOrcasBreadthCMSSnapshot // india central
, cluster('sqlazureinso2.kustomfa.windows.net ⬀').database('sqlazure1').MonOrcasBreadthCMSSnapshot // india south
//, cluster('sqlazureinwe2.kustomfa.windows.net ⬀').database('sqlazure1').MonOrcasBreadthCMSSnapshot // india west
, cluster('sqlazureja2.kustomfa.windows.net ⬀').database('sqlazure1').MonOrcasBreadthCMSSnapshot // japan
, cluster('sqlazurekor.kustomfa.windows.net ⬀').database('sqlazure1').MonOrcasBreadthCMSSnapshot // korea

, cluster('sqlazurencus3.kustomfa.windows.net ☐').database('sqlazure1').MonOrcasBreadthCMSSnapshot // north central us
, cluster('sqlazureneu2.kustomfa.windows.net ☐').database('sqlazure1').MonOrcasBreadthCMSSnapshot // north europe
, cluster('sqlazurescus2.kustomfa.windows.net ☐').database('sqlazure1').MonOrcasBreadthCMSSnapshot // south central us
, cluster('sqlazureseas2.kustomfa.windows.net ☐').database('sqlazure1').MonOrcasBreadthCMSSnapshot // south east asia
, cluster('sqlazuresouthafrica.kustomfa.windows.net ☐').database('sqlazure1').MonOrcasBreadthCMSSnapshot// south africa
, cluster('sqlazureuk2.kustomfa.windows.net ☐').database('sqlazure1').MonOrcasBreadthCMSSnapshot // uk
, cluster('sqlazrwcus.kustomfa.windows.net ☐').database('sqlazure1').MonOrcasBreadthCMSSnapshot // west central us
, cluster('sqlazureweu2.kustomfa.windows.net ☐').database('sqlazure1').MonOrcasBreadthCMSSnapshot // west europe
, cluster('sqlazurewus1.kustomfa.windows.net ☐').database('sqlazure1').MonOrcasBreadthCMSSnapshot // west us1
, cluster('sqlazurewus2.kustomfa.windows.net ☐').database('sqlazure1').MonOrcasBreadthCMSSnapshot // west us2
;
GlobalMonOrcasBreadthCMSSnapshot
| where ha_original_primary_server_name contains "subscriptionmovetest"
| where TIMESTAMP > ago(7d)
| summarize min(TIMESTAMP), max(TIMESTAMP) by subscription_id, ClusterName
,customer_resource_group_name, server_name, ha_original_primary_server_name, bin(TIMESTAMP, 8d)

subscription_id	ClusterName	customer_resource_group_name	server_name	ha_original_primary_server_name	TIMESTAMP	min_TIMESTAMP	max_TIMESTAMP
▓▓▓▓▓▓▓▓▓▓▓▓▓▓-D3086560FF76	tr23.eastus1-a.worker.database.windows.net	casetest	subscriptionmovetest	subscriptionmovetest	2022-01-22 00:00:00.0000000	2022-01-27 02:10:34.6297945	2022-01-27 03:40:36.1911425
▓▓▓▓▓▓▓▓▓▓▓▓▓▓-F0E56D279C29	tr23.eastus1-a.worker.database.windows.net	PostgreSQL	subscriptionmovetest	subscriptionmovetest	2022-01-22 00:00:00.0000000	2022-01-27 04:10:35.9769366	2022-01-27 05:10:34.2835543

More Information

In the above cases the server has been moved from one subscription to another subscription. You can find the current subscription details.