DSS001 - CMS queries

Last updated by | Keith Elmore | Apr 5, 2021 at 7:57 AM PDT

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Get Sync Account info (like Sync Metadata DB) and Agents (in one step)

```sql
select
sync_account.sync_account_id
,sync_account.state
,sync_account.logical_server_name +'/'+ logical_databases.logical_database_name as SyncDB
,agents.sync_agent_name AgentName
,agents.sync_agent_id AgentId
from sync_accounts as sync_account
INNER JOIN logical_databases ON sync_account.logical_database_id = logical_databases.logical_database_id
LEFT OUTER JOIN sync_agents agents ON agents.sync_account_id = sync_account.sync_account_id
where sync_account.customer_subscription_id = '{replace with subscription id }'
GO
```

Get you a complete sync group view for the subscription

```sql
SELECT
sync_groups.sync_group_id as SyncGroupId,
sync_groups.sync_group_name as SyncGroupName,
sync_groups.state SyncGroupState,
CASE sync_groups.conflict_resolution_policy WHEN 0 THEN 'Hub Win' WHEN 1 THEN 'Member Win' END as Policy,
sync_groups.hub_logical_server_name as HubServer,
logical_databases_hub.logical_database_name as HubDb ,
sync_groups.application_name as HubAppName,
sync_members.sync_member_id as MemberId,
sync_members.sync_member_name as MemberName,
sync_members.state AS MemberState,
CASE sync_members.database_type WHEN 0 THEN 'AzureDB' WHEN 1 THEN 'SQLServer' END AS MemberDatabaseType,
CASE sync_members.sync_direction WHEN 0 THEN 'BiDirectional' WHEN 1 THEN 'ToHub' WHEN 2 THEN 'FromHub' END AS
sync_members.application_name as MemberAppName,
sync_members.sync_member_full_dns_server_name as MemberServer,
sync_members.sync_member_database_name as MemberDatabase,
sync_members.sync_agent_id as SyncAgentId,
sync_members.sql_server_database_id as OnPremDatabaseId
--,sync_groups.*
--,sync_members.*
--,sync_groups.sync_schema
,sync_groups.sync_account_id as SyncAccountId
,sync_accounts.logical_server_name as SyncMetadataServer
,logical_databases_syncdb.logical_database_name as SyncMetadataDatabase
FROM sync_groups
LEFT OUTER JOIN sync_members ON sync_members.sync_group_id = sync_groups .sync_group_id
LEFT OUTER JOIN logical_databases as logical_databases_hub ON sync_groups.hub_logical_server_name = logical_da
INNER JOIN sync_accounts on sync_groups.sync_account_id = sync_accounts.sync_account_id
INNER JOIN logical_databases as logical_databases_syncdb ON sync_accounts.logical_database_id = logical_databa
WHERE sync_groups.hub_logical_database_id = logical_databases_hub.logical_database_id
AND sync_accounts.customer_subscription_id = '{replace with subscription id }'
--AND CAST(sync_groups.sync_schema as varchar(max)) like '%&lt;QuotedName&gt;[[]dbo].[[]myTable]&lt;/QuotedNam
```

Other:

```sql
--Find Sync Groups for Subscription and get the app name for the sync group. We will need the app name in MonD
SELECT sync_group_id, sync_group_name, application_name, sync_account_id, logical_server_name as hubServer,log
FROM sync_groups
INNER JOIN logical_databases ON sync_groups.hub_logical_server_name = logical_databases.logical_server_name
INNER JOIN logical_servers on logical_servers.name = logical_databases.logical_server_name
WHERE sync_groups.hub_logical_database_id = logical_databases.logical_database_id
AND customer_subscription_id = 'xxxxxxxxxxxxxxx'
--And sync_group_name='xxx'

--Find sync member db
select * from sync_members where sync_group_id='xxxxxxxxxxxxx'
--datatype 0 means the member db is in azure
--Datatype 1 means the member db is onpremise

--Get sync account for region and associated MetadataDB
select
sync_account.logical_server_name
, sync_account.sync_account_id
, sync_account.state
, sync_account.create_time
, sync_account.last_update_time
, logical_databases.logical_database_name as 'sync_metadatadb'
from sync_accounts as sync_account
INNER JOIN logical_databases ON sync_account.logical_database_id = logical_databases.logical_database_id
where sync_account.customer_subscription_id = 'xxxxxxxxxxxxx'

--Find agents for this account
SELECT * FROM sync_agents
WHERE sync_account_id = 'xxxxx'
SELECT
sync_groups.sync_group_id ,
sync_groups.sync_group_name ,
sync_groups.application_name ,
sync_members.sync_member_name,
sync_members.database_type,
sync_members.application_name,
sync_members.sync_agent_id
FROM sync_groups
LEFT OUTER JOIN sync_members ON sync_members.sync_group_id = sync_groups .sync_group_id
LEFT OUTER JOIN logical_databases ON sync_groups.hub_logical_server_name = logical_databases.logical_server_na
INNER JOIN logical_servers on logical_servers.name = logical_databases.logical_server_name
WHERE sync_groups.hub_logical_database_id = logical_databases.logical_database_id
AND customer_subscription_id = 'xxxxx'
```

How good have you found this content?