DSS002.2 - MonDataSync

Last updated by | Vitor Tomaz | Apr 16, 2021 at 8:44 AM PDT

You will need to have Hub sync app AppName at this point, you can use:

- ASC
- [DSS001 - CMS queries](#)

Start by getting hub and member states:

```
MonDataSync
| where TIMESTAMP >= ago(1d)
| where AppName == 'e521559b1c6d' //you need to set the hub AppName for sync group
| where Component != 'Scheduler'
| where Component != 'MetadataTracer'
| extend Detail = replace(@'hubstate: 0,', @'hubstate: 0(UnProvisioned), \1', Detail)
| extend Detail = replace(@'hubstate: 1,', @'hubstate: 1(Provisioning), \1', Detail)
| extend Detail = replace(@'hubstate: 2,', @'hubstate: 2(Provisioned), \1', Detail)
| extend Detail = replace(@'hubstate: 3,', @'hubstate: 3(ProvisionFailed), \1', Detail)
| extend Detail = replace(@'hubstate: 13,', @'hubstate: 13(Reprovisioning), \1', Detail)
| extend Detail = replace(@'hubstate: 14,', @'hubstate: 14(ReprovisionFailed), \1', Detail)
| extend Detail = replace(@'hubstate: 17,', @'hubstate: 17(UnReprovisioned), \1', Detail)
| extend Detail = replace(@'memberstate:0,', @'memberstate: 0(UnProvisioned), \1', Detail)
| extend Detail = replace(@'memberstate:1,', @'memberstate: 1(Provisioning), \1', Detail)
| extend Detail = replace(@'memberstate:2,', @'memberstate: 2(Provisioned), \1', Detail)
| extend Detail = replace(@'memberstate:3,', @'memberstate: 3(ProvisionFailed), \1', Detail)
| extend Detail = replace(@'memberstate:4,', @'memberstate: 4(SyncInProgress), \1', Detail)
| extend Detail = replace(@'memberstate:5,', @'memberstate: 5(SyncSucceeded), \1', Detail)
| extend Detail = replace(@'memberstate:6,', @'memberstate: 6(SyncFailed), \1', Detail)
| extend Detail = replace(@'memberstate:10,', @'memberstate: 10(DisabledTombstoneCleanup), \1', Detail)
| extend Detail = replace(@'memberstate:12,', @'memberstate: 12(SyncSucceededWithWarnings), \1', Detail)
| extend Detail = replace(@'memberstate:13,', @'memberstate: 13(Reprovisioning), \1', Detail)
| extend Detail = replace(@'memberstate:14,', @'memberstate: 14(ReprovisionFailed), \1', Detail)
| extend Detail = replace(@'memberstate:15,', @'memberstate: 15(SyncCancelling), \1', Detail)
| extend Detail = replace(@'memberstate:16,', @'memberstate: 16(SyncCancelled), \1', Detail)
| extend Detail = replace(@'memberstate:17,', @'memberstate: 17(UnReprovisioned), \1', Detail)
| where Detail startswith 'The states'  | project TIMESTAMP, Detail
```

You may also get MetadataTracer information if needed:

```
MonDataSync
| where TIMESTAMP >= ago(1d)
| where AppName == 'e521559b1c6d' //you need to set the hub AppName for sync group
| where Component == 'MetadataTracer'
| distinct TIMESTAMP, TracingId
| order by TIMESTAMP desc nulls last
| take 1
| join kind= inner (<span style='color:darkorchid'>MonDataSync
| where ComponentAction == 'MetadataTracer_SyncGroup' or ComponentAction == 'MetadataTracer_SyncMember' or Com
| join kind = leftouter(<span style='color:darkorchid'>MonDataSync
| where ComponentAction == 'MetadataTracer_UserDatabase') on DatabaseId
| extend Name = case(AgentName != '', AgentName, Name)
| distinct TIMESTAMP, ComponentAction, Name, ServerName1, DatabaseName1, IsOnPremise1  , SyncGroupId, State, C
| order by ComponentAction asc
```

Get Errors/TaskFailureLog using Sync Group Id:

```
MonDataSync
| where TIMESTAMP >= ago(1d)
| where Detail contains 'a3e8670a-f05b-4c6e-8e0d-50161a3fef63' //Set with sync group id
| where Component != 'Scheduler'
| where Component != 'MetadataTracer'
| where Level == 'Error'  // or TaskFailureLog instead or Error filter for a more simple message  //
| where TaskFailureLog  != ''
```

Get Errors/TaskFailureLog using Hub or Member AppName:

```
MonDataSync
| where TIMESTAMP >= ago(1d)
| where AppName == 'dbb3bc774098' //set with hub or member AppName
| where Component != 'Scheduler'
| where Component != 'MetadataTracer'
| where Level == 'Error'  // or TaskFailureLog instead or Error filter for a more simple message  //
| where TaskFailureLog  != ''
```

Note:

SchemaMatchesUserDb stands for [dss].[syncgroup].[ocsschemadefinition] = [dss].[userdatabase].[db_schema]

How good have you found this content?