DMS_troubleshoot_workflow

Last updated by | Shawn Xiao | Dec 31, 2020 at 11:16 PM PST

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1. Get DMS service info. This can be either got from below query in KUSTO or in ASC

```
cluster('azuredms.kusto.windows.net').database('telemetry').
GetServiceByName(@'DMS Service name')
```

The WorkerId returned will be the value of *RoleInstance* used in KUSTO queries. Sample return is

2. Get Detailed migrating activities log

```
cluster('azuredms.kusto.windows.net').database('telemetry').
PGOnlineMigration
| where RoleInstance =~ "veg4w9apwprjc9f278dq4rfq"
| project TIMESTAMP,SourceServerName, SourceServerVersion, TargetServerName,EventMessage, TaskName
| order by  TIMESTAMP desc
```

Sample return is

3. Get task errors if any

```
cluster('azuredmsseasia.southeastasia.kusto.windows.net').database('telemetry').
ScenarioErrorEvents
| where RoleInstance =~ "veg4w9apwprjc9f278dq4rfq"
```

4. Get exceptions thrown if any

```
GetRegionSpecificTable('TraceEvent')
| where env_cloud_roleInstance == "veg4w9apwprjc9f278dq4rfq"
//and env_time > ago(1h)
and message !contains "net.tcp://localhost:"
and message !contains "Invalid Operation: Fail to set default dimensions"
| project env_time, message
| order by env_time desc
```

Sample return is

env_time	message
2020-11-20 11:18:03.9920000	"Exception thrown: Type:CommunicationObjectFaultedException, Error Code:0x80131501, Exception Error Id:12376826629003450710, Source:System.Runtime.Remoting.Proxies.RealProxy.HandleReturnMessage, StackTrace:Exception type: System.ServiceModel.CommunicationObjectFaultedException Message: The communication object, System.ServiceModel.Channels.ServiceChannel, cannot be used for communication because it is in the Faulted state. HResult : 0x80131501 FacilityCode : 19 (013) ErrorCode : 5377 (1501) Stack:
2020-11-20 10:43:24.9450000	"Exception thrown: Type:SocketException, Error Code:0x80004005, Exception Error Id:12402857091750948837, Source:Npgsql.NpgsqlConnector.Connect, StackTrace:Exception type: Microsoft.Migration.Queries.Contracts.ConnectionFailedException Message: Connection failed. HResult : 0x86B90001 FacilityCode : 1721 (6b9) ErrorCode : 1 (0001) Data: Microsoft.SqlServer.Fundamentals.OperationsInfrastructure.Contracts.ErrorFailureCategory = SettingValidationFailure
2020-11-20 10:43:24.9300000	"Exception thrown: Type:SocketException, Error Code:0x80004005, Exception Error Id:475155492090127701, Source:Npgsql.NpgsqlConnector.Connect, StackTrace:Exception type: System.AggregateException Message: One or more errors occurred. HResult : 0x80131500 FacilityCode : 19 (013) ErrorCode : 5376 (1500) Inner exception type: Microsoft.Migration.Queries.Contracts.ConnectionFailedException Message: