Current - AQR Resolution Process AQR Processor NO LONGER USED use Task Scheduler

What info is needed to find which file a query is located because it failed during AQR?

Information needed – High Level

1. Transaction Number – This is the customers identifier for the transaction and there can be multiple transactions per identifier
2. Transaction Time
3. Store Number
4. The file normally has the store number and the day
5. siteid 384
6. insertion time 2017-12-23 09:04:21.863
7. storenumber = 01089
8. Send email to CustomerSuccess asking them to inform the customer with the error and Query number that failed included in the body of the email.
9. Connect to customer app server and open D:\AgilenceLogs\Agilence AutoQuery Runner folder and look at the most recent NORMAL.Agilence AutoQuery Runner log for an Error or combination of (NORMAL.Agilence AutoQuery Runner.log\* AND "Query Execution Failed") in a search and find the corresponding Query number (ie 671) with the AQR error.
10. Kill the AQR job in Task Manager by ending the “Measure Runner” Task.(NEED ADMIN Just to be able to see the tasks)
11. Connect to customer SQL server.
12. Run SSMS as the customer service account.
13. Drill down to the dbo.Query Table – Databases -> evGlobalConfig -> Tables
14. Open New Query in the SQL DB
15. Run the Disable Query script but update the where id = xxx (NEED ADMIN)   
     --Disable multiple queri failures  
     update [evGlobalConfig].[dbo].[Query]  
     set [disabled] = 1  
     where id = xxx
16. Update StoreVision Job (TOTAL FAILURE – Show Carnival)
17. Run AQR through Scheduled Tasks – Verify by:
    1. Looking in NORMAL.Agilence AutoQuery Runner log that Credit card processing started.
    2. That the Scheduled Task is running
18. Run MeasureSummationStatus query to view progress of AQR. (DON’T NEED ADMIN)

use evGlobalConfig

select top 100 \*

from logs

where MessageTemplate = '{0} of {1} complete'

order by id desc

1. Check log for AQR Processing Complete and Run the Re-Enable Query in SQL (NEED ADMIN)

--Re-Enable for next run (undo above)

update [evGlobalConfig].[dbo].[Query]

set [disabled] = 0 where id in (abc,def,etc...)

1. Check if a query is running using this SQL Query:
   1. SP\_who2 active
2. Expand the SQL Statement Column to get the PID and the Use this to see all processes running and get the PID:

SELECT SPID = er.session\_id

,STATUS = ses.STATUS

,[Login] = ses.login\_name

,Host = ses.host\_name

,BlkBy = er.blocking\_session\_id

,DBName = DB\_Name(er.database\_id)

,CommandType = er.command

,ObjectName = OBJECT\_NAME(st.objectid)

,CPUTime = er.cpu\_time

,StartTime = er.start\_time

,TimeElapsed = CAST(GETDATE() - er.start\_time AS TIME)

,SQLStatement = st.text

FROM sys.dm\_exec\_requests er

OUTER APPLY sys.dm\_exec\_sql\_text(er.sql\_handle) st

LEFT JOIN sys.dm\_exec\_sessions ses

ON ses.session\_id = er.session\_id

LEFT JOIN sys.dm\_exec\_connections con

ON con.session\_id = ses.session\_id

WHERE st.text IS NOT NULL

1. Do a select top 1000 rows from dbo.query and add where ID = (Query ID) to see what the Query Type of the ID is (ie. 3) and Use this next to see what each QueryTypeID is

/\*\*\*\*\*\* Script for SelectTopNRows command from SSMS \*\*\*\*\*\*/

SELECT TOP 1000 [QueryTypeID]

,[Description]

FROM [evGlobalConfig].[dbo].[QueryType]

1. After this check StoreVision Maintenance and if needed run “Start Job at Step” and click OK.
2. When SV Maintenance is complete rerun AQR.
3. Send email to AQR Resolution Group confirming the process is complete with exception of x queries
4. Run store vision maintenance (SQL Job) exec sp\_updatestats Part of store vision maintenance (NEED Admin) Runs as new query. Called Rerunning stats by Ken
5. If I want to Compare SiteId, Sitename and server ID

select top 100 \*

from StoreVision..TLOGAvailability t

join Sites s

on t.SiteId = s.TLOGSiteID

where (DataCategoryName = 'pos' or DataCategoryName is null)

and LastReceived > '2018-02-07'

and date < '2018-02-07'

order by date

NEED ADMIN RIGHTS FOR EVERYTHING

OPEN ITEMS:

Data Acquisition Service – Dataaquisitionservice2 log folder. old way (BigY, PriceChopper, L&M, Hinnans, Bashas) check RUN BOOK.

Data Import Service – Imports master data files (the error is found by showing failed message in daily summary)

AQR, Transaction, Data Import

Alert by log line written

What are the other processes I need to learn? (ie cron, etc)

Do we need to fix the known AQR failures

Agilence Data Import Service –

Agilence Health Monitor Service – Deprecating

Agilence Poll Servers Service– Communication between APP and DB servers. Adds to the sites table in storevision or ev global config

Agilence Task Manager Service – Exporting and creation of hierarchies (ie Reports)

Agilence Transaction Processor Service – Polls the landing page to see if new TLogs arrived for processing.

Customer IP or DNS name/reporting/settings/setupmaintenance

/reporting/elma

/reporting/account/logon

1. What is the issue with 671
2. Go over Asics and Roots Daily summary questions.

so all we are saying is that not more than one site can be run at a time, correct?

Eric Eyster [9:14 AM]

having a bunch is not direct

no

we are saying that if it has more than one site, then do the full day (no site list)

if it is only one site, then do the site list, which is only one, and gets a good plan

To check if a Query is new and backfill

select \*

from evGlobalConfig..Query

lastmodified date is when they last changed it

fact create date is set on the first AQR run that processes the query

so this is new

Backfill = 1 will tell it to process the query for all dates

SP1 will change AQR to multi-thread it , but in this release, it will only do one date at a time for the query

at 3-4 minutes per query

it is up to 10/11

How do I see how long each query takes and what day it is on in the DB

select top 1000 duration / 1000 as sec, SummationDate , \*

from Logs

where QueryID = XXX

order by id desc

Check when a measure was created (how many created in a day)

declare @MeasureLastResummationQueueBuildTime datetime

select @MeasureLastResummationQueueBuildTime = LastBuildTime

from evGlobalConfig..[LastResummationQueueBuildTime]

where UdqDataCategoryId = 1

select q.ID as QueryID, q.Name as QueryName, u.UserName, q.LastModifiedDate, \*

from evGlobalConfig..Query q

left outer join evGlobalConfig..Users u

on q.CreatedBy = u.SecurityID

where QueryType = 3

and Disabled = 0

and Deleted = 0

and FactCreatedOn > @MeasureLastResummationQueueBuildTime

Compliance Monitor Error

SELECT cm.id as ComplianceMonitorID, cm.Name as ComplianceMonitorName, q.id as QueryID, querytype, timeout,

cmr.id as complianceMonitorRuleID, \*

FROM [evGlobalConfig].[dbo].[ComplianceMonitorRule] cmr

inner join [evGlobalConfig].[dbo].[ComplianceMonitor] cm on cm.id = cmr.ComplianceMonitorId

right join [evGlobalConfig].[dbo].[Query] q on q.id = cmr.QueryId

where querytype in (9)

and q.Disabled = 0 and q.deleted = 0

and cm.name is not null

and q.id in (xxx)

SP1 Compliance Monitor Alert Check

SELECT cm.id as ComplianceMonitorID, cm.Name as ComplianceMonitorName, q.id as QueryID, querytype, timeout,

cmr.id as complianceMonitorRuleID, q.queryxml, \*

FROM [evGlobalConfig].[dbo].[ComplianceMonitorRule] cmr

inner join [evGlobalConfig].[dbo].[ComplianceMonitor] cm on cm.id = cmr.ComplianceMonitorId

right join [evGlobalConfig].[dbo].[Query] q on q.id = cmr.QueryId

where querytype in (9) --compliance monitor

and q.Disabled = 0 and q.deleted = 0

and cm.name is not null

--and q.id in (x)

--and compliancemonitorid = x

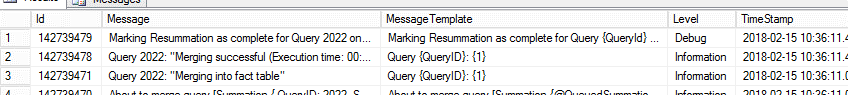
and cmr.id = 265

View Logs for a specific Query

select top 100 \* from Logs

Where QueryID = 2022

order by ID desc



C:\Filebeat\install-service-filebeat.ps1

C:\winlogbeat\install-service-winlogbeat.ps1

Start-Service winlogbeat, filebeat

From Brian for Query 471 failure on BJs 2.23.2018

SELECT id, Description, [table], [column], FlatColumn, categoryid, lookuptable, lookupidcolumn, LookupValueColumn, LookupJoinType, DisablePredefinedUpdate, Editor, LookupValueFilter

FROM [evGlobalConfig].[dbo].[UDQNouns]

where id = 471

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FROM [evGlobalConfig].[dbo].[Query]

where id = 471

From Matt

SELECT \* FROM evGlobalConfig.dbo.Cause

SELECT \* FROM evGlobalConfig.dbo.UDQNouns WHERE Description = 'Cause'

SELECT \* FROM evGlobalConfig.dbo.UDQNouns WHERE Description = 'Cause'

SELECT UDQPredefinedValues.\* FROM evGlobalConfig.dbo.UDQPredefinedValues

JOIN evGlobalConfig.dbo.UDQNouns ON UDQNouns.ID = UDQPredefinedValues.UDQNounID

WHERE UDQNouns.Description = 'Cause'

That should pull back all back all the predefined values, if there are any

Test compression

select t.name, data\_compression\_desc

from sys.partitions p

join sys.tables t

on p.object\_id = t.object\_id

where t.name in ('RetailTransaction','RetailTransactionDetail')

and p.data\_compression\_desc <> 'none'

See most recent summation date for a specific query

select top 100 duration / 100 as sec, SummationDate , QueryID, \*

from Logs l

where QueryID = 3100

order by l.SummationDate desc, l.TimeStamp desc

Average AQR Duration in Seconds per Measure

SELECT q.id, q.[name], qt.[description], avg(duration)/1000 as Avg\_AQR\_Duration\_Seconds

FROM [evGlobalConfig].[dbo].[Logs] l

inner join [evGlobalConfig].[dbo].[Query] q on q.id = l.queryid

inner join [evGlobalConfig].[dbo].[QueryType] qt on qt.QueryTypeID = q.QueryType

where duration is not null

and application = 'auto query runner'

and q.querytype in (3,4,9)

and deleted = 0 and disabled = 0

and timestamp >= convert(date, getdate()) --since midnight

group by q.ID, q.[name], qt.[description]

order by Avg\_AQR\_Duration\_Seconds Desc

Turn of Transaction Linking

select \*

from ConfigurationOptions

where name = 'RunTransactionLinking'

update ConfigurationOptions

set Value = '0'

where name = 'RunTransactionLinking'

 See if Queries ran succesfully

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SELECT \*

  FROM [evGlobalConfig].[dbo].[Logs]

  where application = 'auto query runner'

  and timestamp > '2018-03-09'

  and level = 'error'

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  SELECT \*

  FROM [evGlobalConfig].[dbo].[Logs]

  where application = 'auto query runner'

  and timestamp > '2018-03-09'

  and queryid in (936, 276)

  and summationdate = '2018-03-08 00:00:00.000'

FIND WHY STORES DIDN’T RUN

SELECT

                     td = StoreNumber,'',

                     td = CONVERT(varchar(50),

                     MAX(TransactionTime), 120),''

              FROM [StoreVision].[dbo].[RetailTransaction]

              WHERE CONVERT(DATE, TransactionTime) >= CONVERT(DATE, GETDATE()-7)

              GROUP BY StoreNumber

              HAVING MAX(TransactionTime) < CONVERT(DATE, GETDATE()-1)      --If customer has TLOG Delay of 1, change this value to 2

              ORDER BY StoreNumber