

# SEI Logging and Auditing

*Richard Perrins*

*22/09/2021*



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# Introduction

# Troubleshooting SEI Issues



SEI has several Components which have logs covering them:

- SEI as a whole
- SEI Scheduler and Distribution
- Excel Add-in
- Web Client interface
- Central Point Configurator

Each of these writes to one or more Logs in order to help with troubleshooting any issues which crop up during the use of these Components.

The behaviour of these logs has evolved over the years, so Version 2021 R1.1 and Version 9's logs are enhanced versions of those seen in Version 7 and Version 8 although they are fundamentally the same – so, don't take them for granted as they may be more useful than you think!

The Log files may show messages which can be searched-for in the Sage and Tangerine Knowledge Bases, or the errors may be self-explanatory and point at the actual issue.

As with the Logs themselves, the Knowledge Bases are not static – please check them as part of your investigations, as new content may have been added since your last visit.

If you look at the Log files and cannot determine the issue, please attach them to the relevant Incident Management Case for analysis and Customer Services can forward them to Tangerine if further in-depth investigations are required.

# BIService Log

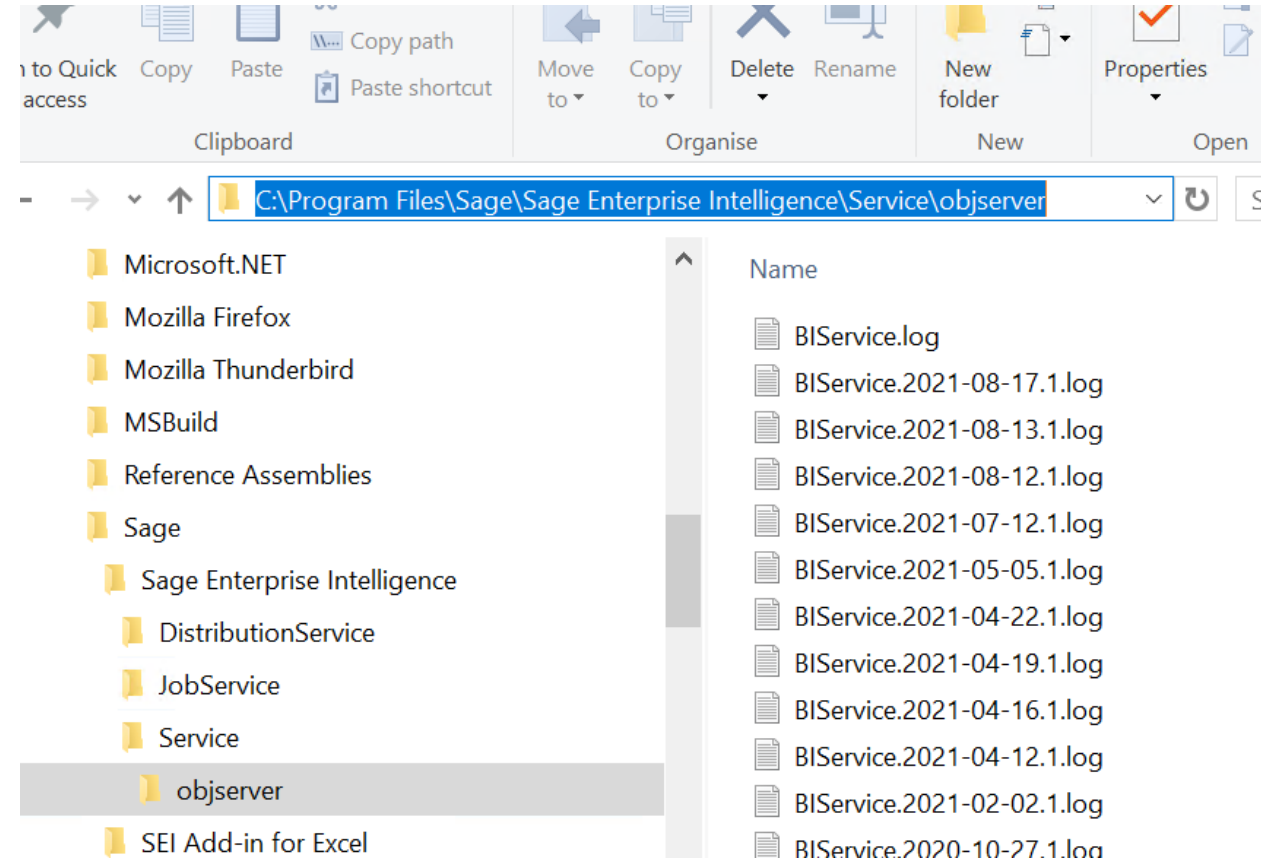
The BIService.log is the main log-file in SEI, and it's the first port-of-call when you encounter any issues.

In Version 7, there was one main Log, **BIService.log**, found in

C:\Program Files\Sage\Sage Enterprise Intelligence\Service\objserver.

As of Version 8, there is a separate file for each day in the format **BIService.YYYY-MM-DD.x.log** where the date represents when the BIService.log was **renamed/archived** and the latest BIService.log was created.

**NB: Times are in Server TZ.**



# Distribution Log



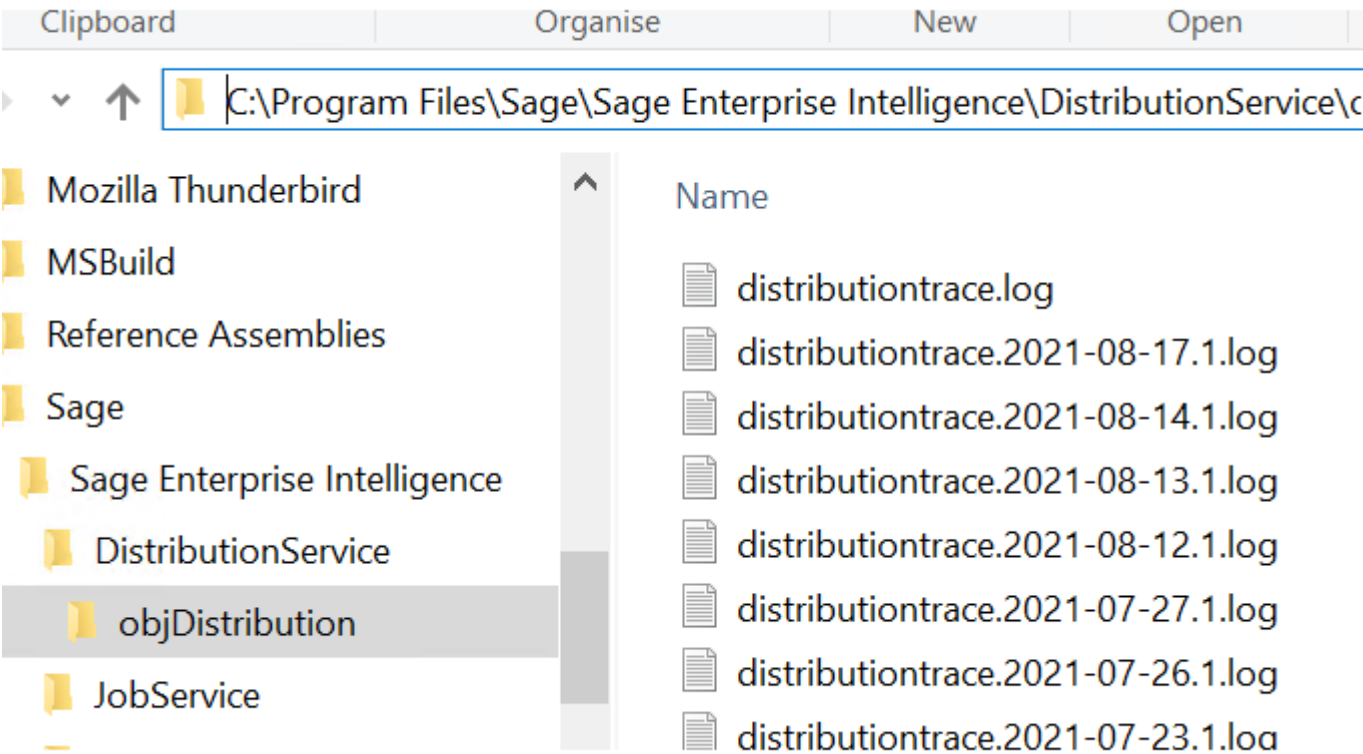
The Distribution Log records information about any Scheduled Jobs.

In Version 7, there was one cumulative Log-file, [distributiontrace.log](#), found in

C:\Program Files\Sage\Sage Enterprise Intelligence\DistributionService\objDistribution folder.

As of Version 8, there is a separate file for each day in the format [distributiontrace.YYYY-MM-DD.x.log](#) where the date represents when the BIService.log was **renamed/archived** and the latest distributiontrace.log was created.

**NB : Times are in UTC TZ!**



As of Version 9.4, the distributiontrace log is purely for logging **Schedule events** such as scanning for Jobs.

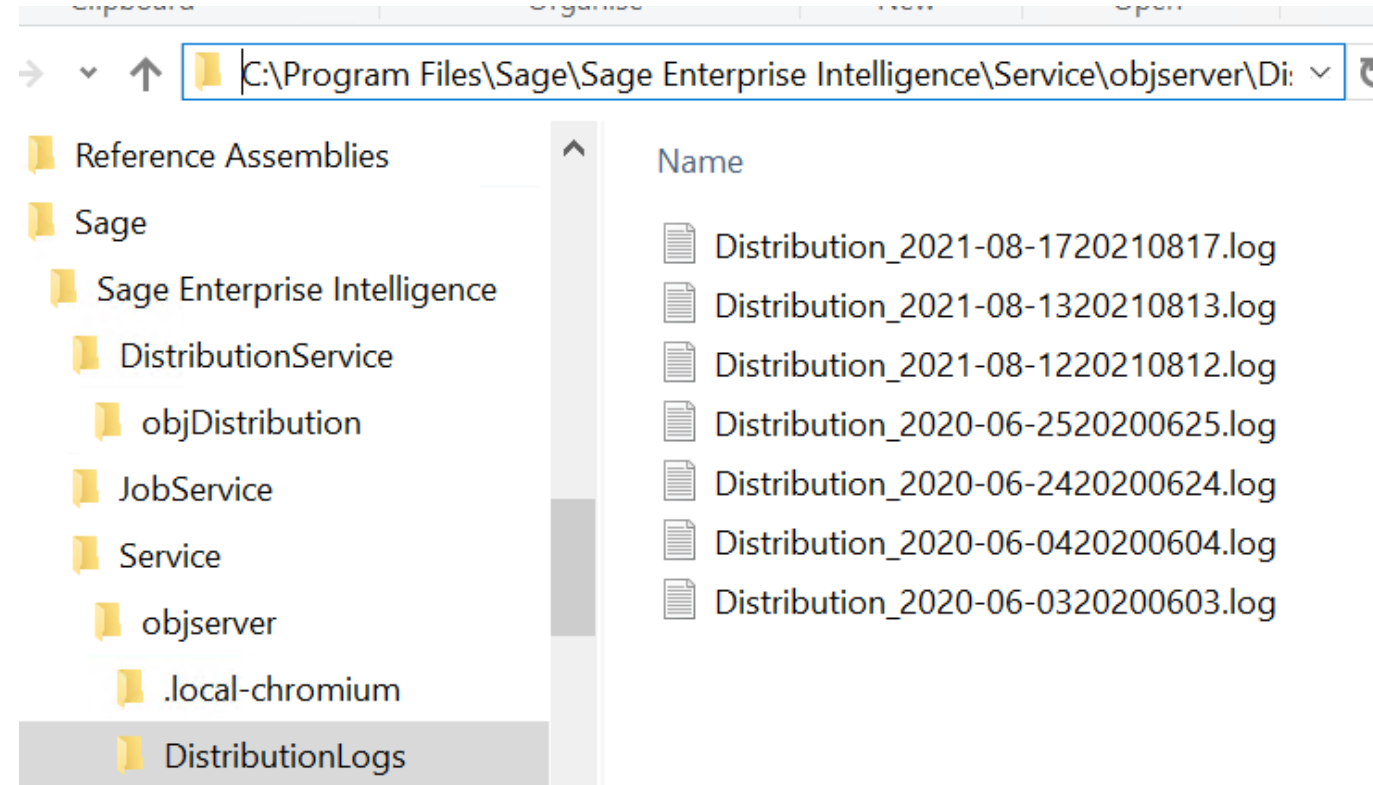
Additional information is written to a new set of log-files, **distribution\_YYYY-MM-DDYYYYMMDD.log** which can be found in

**C:\Program Files\Sage\Sage Enterprise Intelligence\Service\objserver\DistributionLogs**

These new log-files record more details about the actual Processes executed.

Filenames are all the same format – no end-of-day archiving/saving!

**NB: Times are in Server TZ.**



Distribution Trace Pre V9.txt

```

1 -----Header-----
2 Timestamp: 8/12/2021 11:33:11 AM
3
4 Message: Loaded for the central point \\x3erpvl1vm\CentralPoint: 1
5
6 Category: Trace
7
8
9 -----Footer-----
10 -----Header-----
11 Timestamp: 8/12/2021 11:33:11 AM
12
13 Message: Job index : 0
14
15 Category: Trace
16
17
18 -----Footer-----
19 -----Header-----
20 Timestamp: 8/12/2021 11:33:11 AM
21
22 Message: Processing job : 3145a77d-91c9-423b-9ece-e84c174ea880
23
24 Category: Trace
25
26
27 -----Footer-----
28 -----Header-----
29 Timestamp: 8/12/2021 11:33:11 AM
30
31 Message: Success to get entities by usernames...
32
33 Category: Trace
34
35
36 -----Footer-----
37 -----Header-----
38 Timestamp: 8/12/2021 11:33:34 AM
39
40 Message: Success to update processed job...JobId : 3145a77d-91c9-423b-9ece-e84c17
41
42 Category: Trace
43
44
45 -----Footer-----

```

Distribution Trace V9.txt

```

1 -----Header-----
2 Timestamp: 12/08/2021 13:00:11
3
4 Message: Loaded for the central point \\X3ERPVL2VM\CentralPoint: 1
5
6 Category: Trace
7
8
9 -----Footer-----
10 -----Header-----
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36 -----Header-----
37 Timestamp: 12/08/2021 13:00:11
38
39
40 Message: The job sent successfully for the processing. JobId: b306fffa-c2a9-40f0-
41
42 Category: Trace
43
44
45 -----Footer-----

```

The new Distribution\_YYYY-MM-DD logs record more details about the actual Processes executed – again, please note that times are in **Local TZ, rather than UTC TZ** as is the case for distributiontrace logs.

---

[15:00:11 : INF] Job manager receive the job. LogInformations { CentralPoint: "\\X3ERP12VM\CentralPoint", JobId: "b306ffa-c2a9-40f0-a5b0-7be3021c82c5" }

-----

[15:00:11 : INF] Job manager sends the actions to the executor. LogInformations { CentralPoint: "\\X3ERP12VM\CentralPoint", JobId: "b306ffa-c2a9-40f0-a5b0-7be3021c82c5" }

-----

[15:00:11 : INF] Executor handler receive the actions and give it to the executor. LogInformations { CentralPoint: "\\X3ERP12VM\CentralPoint", JobId: "b306ffa-c2a9-40f0-a5b0-7be3021c82c5" }

-----

[15:00:11 : INF] Actions are enqueued. LogInformations { CentralPoint: "\\X3ERP12VM\CentralPoint", JobId: "b306ffa-c2a9-40f0-a5b0-7be3021c82c5" }

-----

[15:00:11 : INF] Executing the actions. LogInformations { CentralPoint: "\\X3ERP12VM\CentralPoint", JobId: "b306ffa-c2a9-40f0-a5b0-7be3021c82c5" }

-----

[15:00:15 : INF] ProcessId: 490000022, ViewId: 490000090 Rendering URL: http://X3ERP12VM:81/Export/GetDistributedFile?ViewId=490000090&ProcessId=490000022&ExportFormat=Pdf&CP=e0a1e5a0&EnvId=e2d8dcf6-ad78-4d9d-b996-163fe39b018b&HasRestriction=False&JobId=b306ffa-c2a9-40f0-a5b0-7be3021c82c5&ActionViewId=6cc5568a-d756-4352-a982-02cf26930d48&isConso=False LogInformations { CentralPoint: "\\X3ERP12VM\CentralPoint", JobId: "b306ffa-c2a9-40f0-a5b0-7be3021c82c5" } Execution time: 3900 Milliseconds

-----

[15:00:15 : INF] Actions execution done. Sending the result to the dispatcher. LogInformations { CentralPoint: "\\X3ERP12VM\CentralPoint", JobId: "b306ffa-c2a9-40f0-a5b0-7be3021c82c5" }

In addition to these logs, there is a more user-friendly summary of activity which can be accessed via the Settings “spanner” within the Scheduler tab of Administration



Enterprise Intelligence

Production

Admin User

Administration

Scheduler

Manage License

Excel Publish

OLAP Manager

Security

Env. & Data Sources

Templates

Scheduler

Search

Description	T...	S...	A...	Schedule	Next R...	Last R...	Last R...	O...
Demo	Sched...	Enabled	Export and Save on Network Drive	At 12:00 every 1 day(s).Execution will repeat every 30 minutes from 12:00 to 15:30.	2021-08-13 at 12:00	2021-08-12 at 15:30	Success	ADMIN

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Job Properties

GeneralWeb ViewsExcel Add-in ViewsConsolidated ReportUsers and GroupsConditionsScheduleHistory

Search

Message	Last Job Run Date	Result
Ran Successfully!.	2021-08-12 2:30:17 PM	Success
Ran Successfully!.	2021-08-12 3:30:07 PM	Success
Ran Successfully!.	2021-08-12 3:00:15 PM	Success

Information about Scheduled Jobs can also be found in SEI.dbo.NEC\_JOBS, and the history of Schedules can be seen in the SEI.dbo.NEC\_HISTORY table.

Useful SQL Statement:

```
SELECT H.MESSAGE, H.RUNRESULT, ' Job: '+ M.DESCRPTION,J.STATUS,  
      J.LASTRUNRESULT,J.LASTRUNTIME,J.RECURRENCETYPE  
FROM SEI.dbo.NEC_HISTORY H, SEI.dbo.NEC_JOBS J,  
      SEI.dbo.NEC_MULTLANGRESOURCES M  
where H.JOBID=J.JOBID  
      and M.REFID=J.JOBID and M.RESOURCECTYPE='DistDesc'  
order by LOGTIME desc
```

# OLAP Cube Log

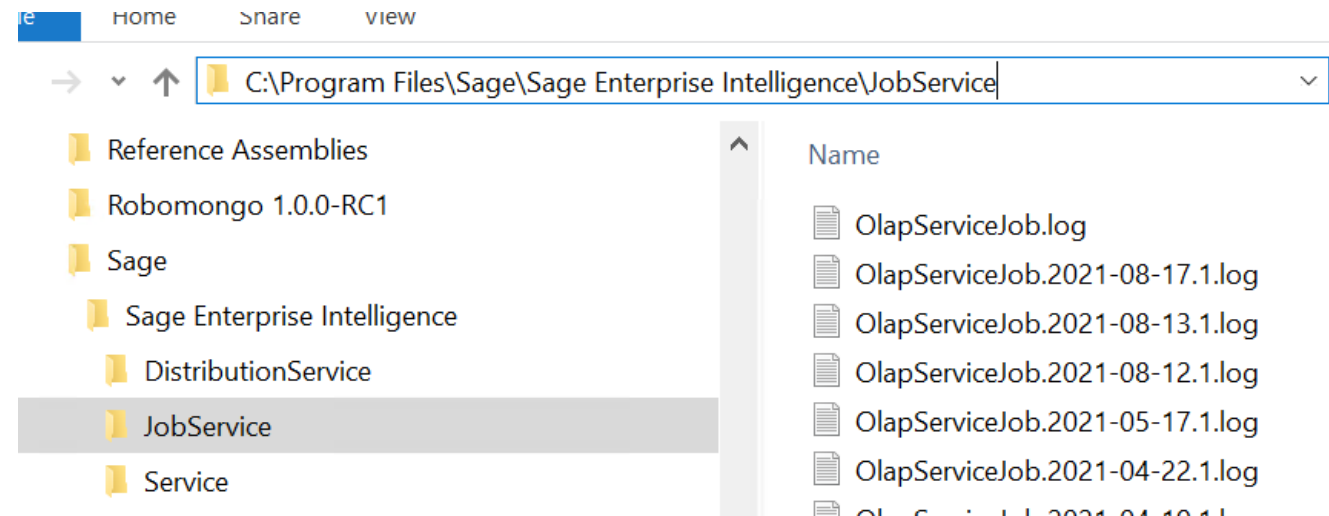


These log-files record any jobs relating to updating SEI Cubes such as the “Finance Cube”. The naming-convention is [OlapServiceJob.YYYY-MM-DD.x.log](#), and they can be found in

C:\Program Files\Sage\Sage Enterprise Intelligence\JobService by default.

Note that the BIService.log has a lot more detail regarding Cube processing – it will show the actual SQL Statements and details of some errors which you wouldn’t be aware of if you just looked at the OLAP log.

**NB : Times record in UTC TZ**



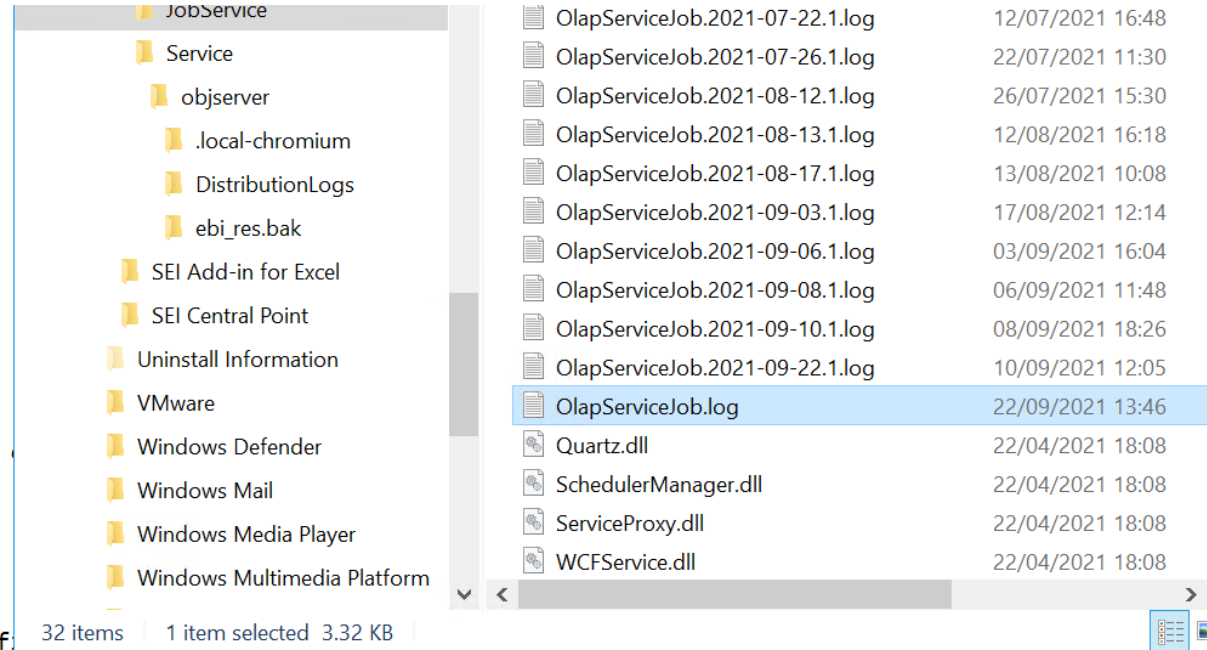
Adding a Schedule to refresh the Finance Cube would be recorded as follows in the OlapServiceJob log:

```
-----Header-----
Timestamp: 22/09/2021 11:46:05
Message: Connecting to BIService for '\\X3ERP12VM\CENTRALPOINT' ...
Category: Trace

-----Footer-----
-----Header-----
Timestamp: 22/09/2021 11:46:06
Message: Adding job 83f872604b6c404da3cfabd65b417321 to backend
Category: Trace

-----Footer-----
-----Header-----
Timestamp: 22/09/2021 11:46:06
Message: Added Trigger 83f872604b6c404da3cfabd65b417321.1 to backend -
Category: Trace

-----Footer-----
-----Header-----
Timestamp: 22/09/2021 11:46:06
Message: Added job 83f872604b6c404da3cfabd65b417321 to backend - next f
Category: Trace
```



Again, note that the time is recorded as 11:46 (UTC) in the log-file, but the time of the last update in Windows is based on local time which is 13:46!

A typical ad-hoc refresh of the Finance Cube would be recorded as follows in the OlapServiceJob log:

```

-----Header-----
Timestamp: 8/12/2021 2:26:40 PM
Message: Connecting to BIService for '\\X3ERP11VM\CENTRALPOINT' ...
Category: Trace

-----Footer-----
-----Header-----
Timestamp: 8/12/2021 2:26:41 PM
Message: Refresh cube triggered for job: RunNow_d3c4fc13804b43158b635e415912fe0d on the central point : '\\X3ERP11VM\CENTRALPOINT
Category: Trace

-----Footer-----
-----Header-----
Timestamp: 8/12/2021 2:26:44 PM
Message: Validating the central point:'\\X3ERP11VM\CENTRALPOINT' path...
Category: Trace

-----Footer-----
-----Header-----
Timestamp: 8/12/2021 2:26:44 PM
Message: Connecting to BIService for '\\X3ERP11VM\CENTRALPOINT' ...
Category: Trace

-----Footer-----
-----Header-----
Timestamp: 8/12/2021 2:26:44 PM
Message: Refreshing the cube for the central point : '\\X3ERP11VM\CENTRALPOINT' trigger by job (RunNow_d3c4fc13804b43158b635e415912fe0d)...
Category: Trace

-----Footer-----

```

Note that the BIService.log won't show all the errors encountered – you need to look at the Cube Logs in OLAP Manager for all of them!

For example, I have a Version 8 instance where I got several errors when refreshing the Finance Cube.

In the OlapService log, I see the execution but no error:

```
-----Header-----
Timestamp: 8/12/2021 2:26:44 PM
Message: Refreshing the cube for the central point : '\\X3ERP11VM\CENTRALPOINT' trigger by job (RunNow_d3c4fc13804b43158b635e415912fe0d)...
Category: Trace
-----Footer-----
```

BIService.log only shows one error:

```
----- Error 8/12/2021 4:26:47 PM -----

One or more errors occurred. ...++: System.Exception: Failed for dataSoure : Budget ---> System.InvalidOperationException: The 'IBMDA400' provider is not
registered on the local machine.
  at System.Data.OleDb.OleDbServicesWrapper.GetDataSource(OleDbConnectionString constr, DataSourceWrapper& datasrcWrapper)
  at System.Data.OleDb.OleDbConnectionInternal..ctor(OleDbConnectionString constr, OleDbConnection connection)
```

If I wanted to see all the errors relating to this Cube Refresh, I would go into Administration > OLAP Manager and see the list of Cubes and their Status, select the appropriate Cube and then expand Navigation on the right and open logs:

Cubes

OLAP Manager

Search

Description	Dimensi...	Measures	Slices	Last Build Structure Date	Last Job Run Date	Status	In Proc
X3 Account Pyramid	14	0	0	Wed 30 May 2018 03:21:22 PM	Mon 21 Aug 2017 02:56:11 PM	Executed successfully	✓
X3 Company	2	0	0	Wed 30 May 2018 03:21:21 PM	Mon 21 Aug 2017 02:56:12 PM	Executed successfully	✓
X3 Customers - BPCUSTOMER	2	0	0	Wed 30 May 2018 03:21:22 PM	Mon 21 Aug 2017 02:56:16 PM	Executed successfully	✓
X3 Dimension Pyramid	14	0	0	Wed 30 May 2018 03:21:29 PM	Mon 21 Aug 2017 02:56:19 PM	Executed successfully	✓
X3 Financial Cube	39	61	8	Fri 03 Aug 2018 06:47:06 PM	Thu 12 Aug 2021 04:26:47 PM	Executed with errors	
X3 Inventory Valuation	26	41	1	Wed 30 May 2018 03:21:22 PM	Mon 21 Aug 2017 02:56:00 PM	Executed successfully	✓

X3 Company

2

0

0

Wed 30 May 2018 0...

Mon 21 Aug 2017 0...

Executed succ...

✓

X3 Customers - BP...

2

0

0

Wed 30 May 2018 0...

Mon 21 Aug 2017 0...

Executed succ...

✓

X3 Dimension Pyra...

14

0

0

Wed 30 May 2018 0...

Mon 21 Aug 2017 0...

Executed succ...

✓

X3 Financial Cube

39

61

8

Fri 03 Aug 2018 06:...

Thu 12 Aug 2021 0...

Executed with ...

X3 Inventory Valuati...

26

41

1

Wed 30 May 2018 0...

Mon 21 Aug 2017 0...

Executed succ...

✓

X3 Items - ITMMAS...

7

0

0

Wed 30 May 2018 0...

Mon 21 Aug 2017 0...

Executed succ...

✓

X3 Local menus - A...

4

0

0

Wed 30 May 2018 0...

Mon 21 Aug 2017 0...

Executed succ...

✓

X3 Manufacturing C...

30

6

6

Wed 30 May 2018 0...

Mon 21 Aug 2017 0...

Executed succ...

✓

X3 Partners - BPAP

2

0

0

Wed 30 May 2018 0...

Mon 21 Aug 2017 0...

Executed succ...

✓

Description:

X3 Financial Cube

Table Name:

X3FINX

In Production:

☐

Description:

☐

Logging:

☒

Navigation

Dimensions

Measures

Data Sources

Slices

Scheduler

Logs

You can then expand the Refresh or Build and scroll down to see all the Errors:

X3 Financial Cube > Logs OLAP Manager						
Group ID ✕						
	Group ID	Action Type	Message Type	Message	Timestamp	
	2021/08/12 04:26:44 - Refresh	Refresh	Information	Inserting data without Group By int...	Thu 12 Aug 2021 04:26:44 PM	
	2021/08/12 04:26:44 - Refresh	Refresh	Information	Waiting for all datasources to be in...	Thu 12 Aug 2021 04:26:45 PM	
	2021/08/12 04:26:44 - Refresh	Refresh	Error	Failed for dataSoure : Budget	Thu 12 Aug 2021 04:26:46 PM	!
	2021/08/12 04:26:44 - Refresh	Refresh	Error	Failed for dataSoure : X3 This Year...	Thu 12 Aug 2021 04:26:46 PM	!
	2021/08/12 04:26:44 - Refresh	Refresh	Error	Failed for dataSoure : Budget LY	Thu 12 Aug 2021 04:26:46 PM	!
	2021/08/12 04:26:44 - Refresh	Refresh	Error	Failed for dataSoure : X3 Last Year...	Thu 12 Aug 2021 04:26:46 PM	!

### Failed for dataSoure : Budget

Hide Details

```
Failed for dataSoure : Budget ...+++ System.InvalidOperationException: The 'IBMDA400' provider
is not registered on the local machine. at
System.Data.OleDb.OleDbServicesWrapper.GetDataSource(OleDbConnectionString constr,
DataSourceWrapper& datasrcWrapper) at
```

The good news is, these errors are also available in OLAP\_LOGS table:

Object Explorer - Results

```

/***** Script for SelectTopNRows command from SSMS *****/
SELECT [GROUP_ID]
      , [TIME_STAMP]
      , [MESSAGE]
      , [INNER_MESSAGE]
      , [MESSAGE_TYPE]
      , [ACTION_TYPE]
FROM [SEI].[dbo].[OLAP_LOGS]
order by TIME_STAMP desc
  
```

100 %

Results Messages

	GROUP_ID	TIME_STAMP	MESSAGE	INNER_MESSAGE	MESSA
1	2021/08/12 04:26:44 - Refresh	2021-08-12 16:26:46.880	Failed for dataSoure : Budget LY	Failed for dataSoure : Budget LY ...+++; System.InvalidOperatio...	Error
2	2021/08/12 04:26:44 - Refresh	2021-08-12 16:26:46.880	Failed for dataSoure : X3 Last Year Transactions	Failed for dataSoure : X3 Last Year Transactions ...+++; System...	Error
3	2021/08/12 04:26:44 - Refresh	2021-08-12 16:26:46.877	Failed for dataSoure : X3 This Year Transactions	Failed for dataSoure : X3 This Year Transactions ...+++; System...	Error
4	2021/08/12 04:26:44 - Refresh	2021-08-12 16:26:46.870	Failed for dataSoure : Budget	Failed for dataSoure : Budget ...+++; System.InvalidOperationEx...	Error
5	2021/08/12 04:26:44 - Refresh	2021-08-12 16:26:45.573	Waiting for all datasources to be inserted into t...		Informa
6	2021/08/12 04:26:44 - Refresh	2021-08-12 16:26:45.570	Inserting data without Group By into temp table...		Informa
7	2021/08/12 04:26:44 - Refresh	2021-08-12 16:26:45.570	Inserting data without Group By into history tabl...		Informa
8	2021/08/12 04:26:44 - Refresh	2021-08-12 16:26:45.570	Inserting data without Group By into temp table...		Informa

The status of an OLAP Cube can be determined using

```

SELECT OJ.DESCRPTION, OJ. ACTION, OJ.LAST_START_RUN_DATE,
       OJ.LAST_END_RUN_DATE, OJ.STATUS
FROM dbo.OLAP_JOBS OJ
WHERE OJ.STATUS <> 'DoneSuccessfully' AND OJ.ACTION <> 'Refresh'
ORDER BY OJ.DESCRPTION
  
```

When are Cubes schedule Jobs updated/run?

```
SELECT ENVS.ENVIRONMENT_ID,JOBS.STATUS
      ,CUBES.CUBE_TABLE_NAME AS Cube_Table
      ,CUBES.DESCRPTION AS Cube_Description
      ,JOBS.DESCRPTION AS Job_Description
      ,JOBS.ACTION, JOBS.SCHEDULE_TYPE
      ,JOBS.START_DATE, JOBS.END_DATE
      ,JOBS.LAST_START_RUN_DATE, JOBS.LAST_END_RUN_DATE
      ,JOBS.NEXT_RUN_DATE, JOBS.IS_ACTIVE
      ,JOBS.ID "Job ID"
FROM SEI.dbo.OLAP_JOBS AS JOBS
  INNER JOIN SEI.dbo.OLAP_CUBES AS CUBES
    ON JOBS.CUBE_ID = CUBES.ID
  LEFT OUTER JOIN SEI.dbo.OLAP_JOB_ENVIRONMENTS AS ENVS
    ON JOBS.ID = ENVS.JOB_ID
ORDER BY ENVS.ENVIRONMENT_ID, JOBS.LAST_START_RUN_DATE desc
```

Are there any Errors for a certain OLAP Cube?

```
SELECT CUBES.CUBE_TABLE_NAME AS Cube_Table
,CUBES.DESRIPTION AS Cube_Description
,LOGS.GROUP_ID
,LOGS.TIME_STAMP
,LOGS.MESSAGE
,LOGS.INNER_MESSAGE
,LOGS.MESSAGE_TYPE
,LOGS.ACTION_TYPE
FROM SEI.dbo.OLAP_LOGS LOGS
  INNER JOIN SEI.dbo.OLAP_CUBES AS CUBES
    ON LOGS.CUBE_ID = CUBES.ID
WHERE CUBES.CUBE_TABLE_NAME = 'Enter_Cube_for_example_X3FINX'
ORDER BY LOGS.TIME_STAMP desc;
```

# Excel Add-in Log



These logs record SQL activity from Excel via the SEI Excel Add-in feature.

On the SEI Server, the log is called [Excel.log](#), and it can be found in

C:\Windows\System32\config\systemprofile\AppData\Roaming\Sage\SEIDocuments.

And on the client machine, all by itself, we have the [Excel.log](#) used for troubleshooting the Excel Add-in. You will find this log in

C:\Users\[username]\Documents\SEI

The information held here could help to resolve performance issues related to the Excel Add-in.

# Audit Logs



There are two additional logs which record any opening of Views or Processes within the Web Client.

These are held as tables in the SEI Database

## 1) SEI.dbo.LOG\_SQL\_EXECUTION

This records information similar to BIService.log but it records the Execution Time as well.

## 1) SEI.dbo.LOG\_VIEW\_USAGE

This records access to Views and Processes

These logs are enabled/disabled through the Central Point Configuration program.

The screenshot shows a web browser window with the title 'Central Point Configuration'. The address bar displays 'localhost:8133/CentralPointConfig/GetCentralPo'. Below the browser window, there is a 'Disconnect' button. The main content area is titled 'General' and contains a section 'General Central Point Information'. This section includes the following fields:

- Location path:** \\X3ERP12VM\CentralPoint
- Description:** SEI Central Point
- Sender Email:** admin@sagex3.com
- SQL Execution Logging:** ☒
- View usage logging:** ☒

A BI Service re-start is required to activate the logs – users will be disconnected during the BI Service re-start, so it is recommended to do this out-of-hours.

Please note that the LOG\_VIEW\_USAGE feature has evolved – in Version 7 and 8, only the Views were audited. In Version 9 and above, the Reports are audited as well. Unfortunately, Dashboards are not audited at the moment – this has been proposed as an Enhancement.

In both tables, the PRODUCT\_ID field could have the following values depending on the source of the activity:

- 0801 : WebClient
- 0901 : Viewer
- 0811 : Olap
- 0812 : Distribution
- 0895 : Excel Add-In

Please note that these tables can grow quite large, so they should be monitored while the logging is enabled.

### List the Views, Reports and Dashboards executed in reverse time order:

```
select 'Dashboard/Report', LVU.USER_ID,  
CASE WHEN LVU.PRODUCT_ID='0801' THEN 'Web Client'  
  WHEN LSE.PRODUCT_ID='0901' THEN 'Viewer'  
  WHEN LVU.PRODUCT_ID='0811' THEN 'OLAP'  
  WHEN LVU.PRODUCT_ID='0812' THEN 'Distribution'  
  WHEN LVU.PRODUCT_ID='0895' THEN 'Excel Add-in'  
  ELSE 'Unknown Client'  
END as 'Client',  
CASE WHEN LVU.IS_SUCCESS_OPEN = 1 THEN 'OK' ELSE 'Not OK' END as 'OK?',  
LVU.PROCESS_ID,  
LVU.TIMESTAMP,  
NMR.DESRIPTION  
from LOG_VIEW_USAGE LVU, NEC_MULTLANGRESOURCES NMR  
where LVU.VIEW_ID=-1 and LVU.PROCESS_STRING=NMR.PROCESSID and NMR.RESOURCE_TYPE='Proc' and NMR.LANGUAGEID='en'  
union  
select 'View', LVU.USER_ID,  
CASE WHEN LVU.PRODUCT_ID='0801' THEN 'Web Client'  
  WHEN LSE.PRODUCT_ID='0901' THEN 'Viewer'  
  WHEN LVU.PRODUCT_ID='0811' THEN 'OLAP'  
  WHEN LVU.PRODUCT_ID='0812' THEN 'Distribution'  
  WHEN LVU.PRODUCT_ID='0895' THEN 'Excel Add-in'  
  ELSE 'Unknown Client'  
END as 'Client',  
CASE WHEN LVU.IS_SUCCESS_OPEN = 1 THEN 'OK' ELSE 'Not OK' END as 'OK?',  
LVU.PROCESS_ID,  
LVU.TIMESTAMP,  
NMR.DESRIPTION  
from LOG_VIEW_USAGE LVU, NEC_MULTLANGRESOURCES NMR  
where LVU.VIEW_ID <> -1 and LVU.PROCESS_STRING=NMR.PROCESSID and LVU.VIEW_STRING=NMR.REFID  
and NMR.RESOURCE_TYPE='View' and NMR.LANGUAGEID='en'  
order by TIMESTAMP desc
```

## List the SQL Statements for Views, Reports and Dashboards in reverse time order:



```
select 'Dashboard/Report',
LSE.USER_ID,
CASE WHEN LSE.PRODUCT_ID='0801' THEN 'Web Client'
      WHEN LSE.PRODUCT_ID='0901' THEN 'Viewer'
      WHEN LSE.PRODUCT_ID='0811' THEN 'OLAP'
      WHEN LSE.PRODUCT_ID='0812' THEN 'Distribution'
      WHEN LSE.PRODUCT_ID='0895' THEN 'Excel Add-in'
      ELSE 'Unknown Client'
END as 'Client',
LSE.TIMESTAMP,
LSE.EXECUTION_TIME,
LSE.PROCESS_ID,
NMR.DESCRPTION,
LSE.SQL_STATEMENT
from LOG_SQL_EXECUTION LSE, NEC_MULTLANGRESOURCES NMR
where LSE.VIEW_ID=-1 and LSE.PROCESS_STRING=NMR.PROCESSID and NMR.RESOURCECTYPE='Proc' and NMR.LANGUAGEID='en'
union
select 'View',
LSE.USER_ID,
CASE WHEN LSE.PRODUCT_ID='0801' THEN 'Web Client'
      WHEN LSE.PRODUCT_ID='0901' THEN 'Viewer'
      WHEN LSE.PRODUCT_ID='0811' THEN 'OLAP'
      WHEN LSE.PRODUCT_ID='0812' THEN 'Distribution'
      WHEN LSE.PRODUCT_ID='0895' THEN 'Excel Add-in'
      ELSE 'Unknown Client'
END as 'Client',
LSE.TIMESTAMP,
LSE.EXECUTION_TIME,
LSE.PROCESS_ID,
NMR.DESCRPTION,
LSE.SQL_STATEMENT
from LOG_SQL_EXECUTION LSE, NEC_MULTLANGRESOURCES NMR
where LSE.VIEW_ID<>-1 and LSE.PROCESS_STRING=NMR.PROCESSID and LSE.VIEW_STRING=NMR.REFID
and NMR.RESOURCECTYPE='View' and NMR.LANGUAGEID='en'
order by TIMESTAMP desc
```

# Central Point Configurator Logs



There is a set of log-files dedicated to the Central Point Configurator – it's unlikely that you'll need to look at them, but they can be found in C:\inetpub\wwwroot\CPConfiguratorClient\App\_Data\

In Version 8, the file is simply Log.txt, but Version 9 has one for each day and its name is [LogYYYYMMDD.txt](#)

- Database Logs

SEI relies on a Database, so you may be able to find some useful information in the Database Logs – for example, I've found information about things like running out of space/database file can't be extended.

- IIS Logs

In %SystemDrive%\inetpub\logs\LogFiles

- Windows Event Logs

Administrative Tools > Event Viewer

# Appendix

# Further Reading - General



- Sage City SEI Community

[Sage Enterprise Intelligence for Sage X3 - Sage X3 - Sage City Community](#)

- Sage City US SEI Logs Blog

[SEI--Logs, logs, everywhere! - Sage X3 Support - Sage X3 - Sage City Community](#)

- Nectari's Online Help system

[Online Help \(nectari.com\)](#)

- KBs

[SEI logs: what logs are available? \(KB 71330\)](#)

[SEI - How to enable detailed logging for BI Distribution service? \(KB 67906\)](#)

["No ready jobs for all defined central points" \(KB 106976\)](#)

## Life Cycle

<https://onlinehelp.sageenterpriseintelligence.com/Latest/en/Life-cycle.htm>

**Q&A**  
**Thank you.**

