

00-DynaSys : Daily/Monthly monitoring on BW !\ Obsolete !\

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The new wiki link for this data flow is here:

[00-DynaSys : Daily/Monthly monitoring on BW](#)

Please update the new doc there and no longer here.



- General presentation
- Every day by 9.15 am CET
 - Check Interfaces chains - Steps to follow & Actions to do
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 - If WBP is not available Saturday

General presentation

The aim of the document is to list daily and monthly checks to do and following actions.

All checks are done by CGI team.

In case of **BW assistance**, contact Saints Zhang (Competence Center / SCMS domain)

In case of **DynaSys assistance**, contact DynaSys.Interface.Team@solway.com

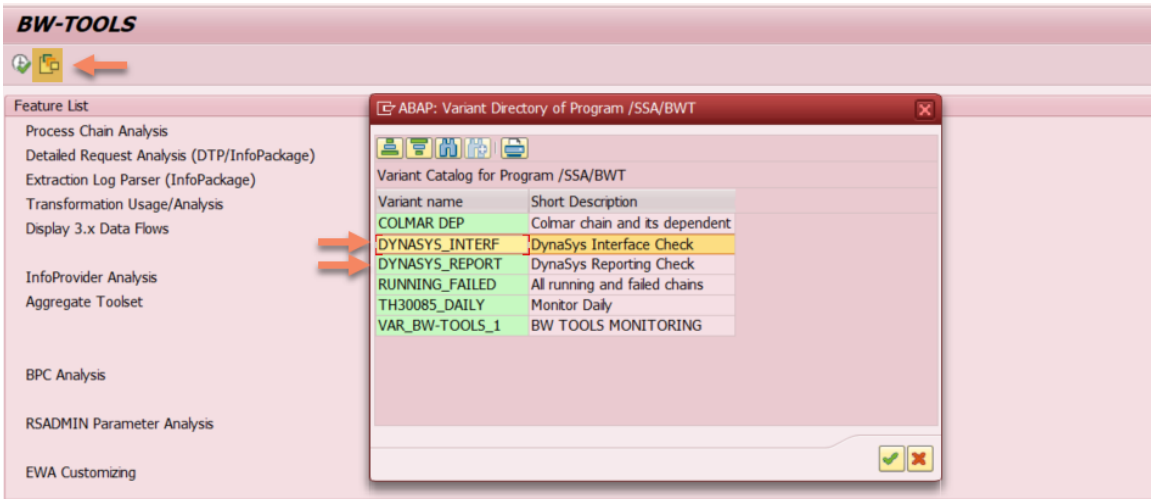
In case of **MFT/Webservice assistance**, contact support.xml@solway.com

Please register all production issue in following google spreadsheet

Due to several complaints from DynaSys Team and DynaSys users, it is important to fill the document with **detailed** information

Every day by 9.15 am CET

In WBP with transaction ST13 / BW-Tools, use the variants DYNASYS_INTERF and DYNASYS_REPORT to have all the chains of interface and reporting



Check Interfaces chains - Steps to follow & Actions to do

Check following chains has run, and ended ok.

Chain	Type	Description	Frequency	Criticality
PC_DPS_DY NASYS_01	Interface	DPS DynaSys: META PART1 - D - Daily Meta-Chain Part 1	Daily after Global sales chains (Not on week-ends or certains bank holidays) => starter = EVENT_Z_EVT_END_GLO06	HIGH
PC_DPS_DY NASYS_25	Interface	DPS DynaSys: META PART2 - D - Daily Meta-Chain Part 2	Daily after Global sales chains (Not on week-ends or certains bank holidays) => starter = EVENT_Z_EVT_END_GLO03	HIGH
PC_DPS_DY NASYS_03	Interface	DPS Dynasys: META - W - Weekly Meta-Chain	Weekly on saturdays à 9am CET	HIGH Certain GBUs are weekly refreshed on DynaSys => In case of issue, inform DynaSys team on Monday CAUTION: This chain should not be repaired on Mondays as daily chain is replacing it

Status	Steps	Main	Chain	Log-Id	SubChans	Steps	Day	Date	Time	Runtime	Runtime [sec]	End Date	End Time
OK	OK	✓	PC DPS DYNASYS_25	SIVGRASLZ3H986Z2BQLEMIQOV	0	23	TU	20.08.2019	04:36:45	00:12:23	743	20.08.2019	04:49:08
OK	OK	✓	PC GLOBAL SALES FORECAST	SIVMQDRSSV99H3HE0X4KYT5BZ	0	5	TU	20.08.2019	03:00:01	00:01:20	80	20.08.2019	03:01:20
OK	OK	✓	PC SD BUSINESS LAYER	SIYTQAWIC0X0XJFJNB95FKD33	28	166	TU	20.08.2019	01:51:57	00:39:49	2.389	20.08.2019	02:31:46
OK	OK	✓	PC DPS DYNASYS_01	SIXRUN87C4GH587XLYE2DYKOV	6	224	TU	20.08.2019	01:51:51	01:51:13	6.673	20.08.2019	03:43:04
OK	OK	✓	PC GL SALES BUS02	SIYME1L00PCB6KD16L8G7RCV	30	177	TU	20.08.2019	01:39:56	02:54:30	10.470	20.08.2019	04:34:27
OK	OK	✓	PC SD MAIN	SIYU33K8QIAU5WJ03CIS3XVJ	53	331	TU	20.08.2019	01:39:46	01:04:38	3.878	20.08.2019	02:44:23
OK	OK	✓	PC GLOBAL SALES MAIN	SIVGAY5B34RYX0EZULKFKYRZZ	56	373	TU	20.08.2019	01:26:27	03:20:04	12.004	20.08.2019	04:46:31
OK	OK	✓	PC GL SALES RAISE EVT003	SIX6CP1ZAIKMPBJDJKKNPOX1B	0	7	TU	20.08.2019	00:02:08	04:34:37	16.477	20.08.2019	04:36:45
OK	OK	✓	PC GL SALES RAISE EVT006	SIXI93N09SLENDANAPX4FTQVZ	0	7	TU	20.08.2019	00:02:08	01:49:42	6.582	20.08.2019	01:51:51

If both daily chains have not finished by 7 am, identify the root cause and estimate the ended time (if possible)

Inform DynaSys Interface Team before by 9:15 am CET => DynaSys Interface Team : Interface Issue

Check Reporting chains - Steps to follow & Actions to do

Check the process chain from the night before 6pm until current day 7am.

Chain	Type	Description	Frequency	Criticality	Comment
PC_DPS_DY_NASYS_15	Reporting	DPS Dynasys: META - D - 6.Reporting DynaSys (Dynamic KPIs)	Daily at 7am , 2pm , 6pm , 11pm (Not on week-ends or certain bank holidays)	HIGH	
PC_DPS_DY_NASYS_09	Reporting	DPS Dynasys: META - M - 6.Reporting DynaSys (Snapshots)	Every 6th of month at 6am	HIGH	
PC_DPS_DY_NASYS_23	Reporting	DPS Dynasys: META - M - 6. Reporting DynaSys (MasterData)	Daily at 10pm (Not on week-ends or certain bank holidays)	MEDIUM	
PC_DPS_DY_NASYS_33	Reporting	DPS Dynasys: TD - D - Reporting Dynasys (DIP Inventory KPIs)	Daily at 10am (or 11am), 2pm , 6pm , 11pm (Not on week-ends or certain bank holidays)	MEDIUM	
PC_APO_17	Reporting	META - D - APO - Current period and future periods	Daily at 1am (Not on week-ends or certain bank holidays)	LOW	removed from scheduling 07/07/2020 (Special Chem Go-Live)
PC_APO_18	Reporting	META - M - APO - Snapshots	Every 6th of month at 9am	LOW	removed from scheduling 07/07/2020 (Special Chem Go-Live)

Process Chain Runtime Analysis

Selection Compare Runtimes

Status	Steps	Man	Chain	Log Id	SubChains	Steps	Day	Date	Time	Runtime	Runtime [sec]	End Date	End Time
0000	0000	✓	PC_DPS_DYNASYS_15	81BF1QQ002C49FPJ28H9S	0	9	MO	25.04.2022	10:00:33	00:00:17	17	25.04.2022	10:00:50
0000	0000	✓	PC_DPS_DYNASYS_15	A19E78L1Y8FKC00R3281CYK	0	3	MO	25.04.2022	09:00:05	00:00:01	1	25.04.2022	09:00:05
0000	0000	✓	PC_DPS_DYNASYS_15	3VRDXOUFE18PZL1E5L8Q9CMTQC	0	3	MO	25.04.2022	08:00:09	00:00:01	1	25.04.2022	08:00:10
0000	0000	✓	PC_DPS_DYNASYS_15	8C3K0H8C7C6128U4C0J26W5G9Q	2	37	MO	25.04.2022	07:00:00	00:29:29	1.769	25.04.2022	07:29:29
0000	0000	✓	PC_DPS_DYNASYS_15	2K6GFKWPM530FT1AEDGZD0Y7H0	0	3	MO	25.04.2022	06:00:02	00:00:02	2	25.04.2022	06:00:04
0000	0000	✓	PC_DPS_DYNASYS_15	E1Z9H2KQZC2DAS877A8R0R0TU80	0	3	MO	25.04.2022	05:00:05	00:00:02	2	25.04.2022	05:00:06
0000	0000	✓	PC_DPS_DYNASYS_15	K3KLU0K4CV0H2Z5FE8K0M13G	0	3	MO	25.04.2022	04:00:01	00:00:01	1	25.04.2022	04:00:01
0000	0000	✓	PC_DPS_DYNASYS_15	8Z1U09H0H119E9H610FWZD0	0	3	MO	25.04.2022	03:00:01	00:00:01	1	25.04.2022	03:00:02
0000	0000	✓	PC_DPS_DYNASYS_15	7SC0E29NSUSWCWJZH1X0Z79XEK	0	3	MO	25.04.2022	02:00:00	00:00:00	0	25.04.2022	02:00:01
0000	0000	✓	PC_DPS_DYNASYS_15	7UR81NSCV9P0KJ8U8L8UJ08RW	0	3	MO	25.04.2022	01:00:51	00:00:01	1	25.04.2022	01:00:51
0000	0000	✓	PC_DPS_DYNASYS_15	1ZABY1Q3Q4E7P99R0GZ7699WC	0	3	MO	25.04.2022	00:00:51	00:00:01	1	25.04.2022	00:00:52
0000	0000	✓	PC_DPS_DYNASYS_33	F4E8RZCQAPN5C4PYCC1EDN08	0	28	FR	22.04.2022	23:00:21	00:19:00	1.140	22.04.2022	23:19:21
0000	0000	✓	PC_DPS_DYNASYS_15	DWS3UDD1YZ8P8GQF0Z5ZYQ8NW	3	65	FR	22.04.2022	23:00:01	00:26:17	1.577	22.04.2022	23:26:19
0000	0000	✓	PC_DPS_DYNASYS_23	Z2FV9GQCHL214T137Z688RFXR	2	88	FR	22.04.2022	22:00:01	00:26:01	1.561	22.04.2022	22:26:03
0000	0000	✓	PC_DPS_DYNASYS_15	8921CHQZP56E7R3L1U8J788FG	0	3	FR	22.04.2022	22:00:01	00:00:01	1	22.04.2022	22:00:02
0000	0000	✓	PC_DPS_DYNASYS_15	41J2MFF60SP3CSXBZ0CB8BW	0	3	FR	22.04.2022	21:00:02	00:00:01	1	22.04.2022	21:00:02
0000	0000	✓	PC_DPS_DYNASYS_15	9K9F1FYZJLUC812HYZ48GCFW	0	3	FR	22.04.2022	20:00:01	00:00:02	2	22.04.2022	20:00:03
0000	0000	✓	PC_DPS_DYNASYS_15	5840G1Z2F3R0C4C919K0Z42K	0	3	FR	22.04.2022	19:00:01	00:00:01	1	22.04.2022	19:00:01
0000	0000	✓	PC_DPS_DYNASYS_33	COVFA3KZ3H529A1S20R845	0	28	FR	22.04.2022	18:00:20	00:20:07	1.207	22.04.2022	18:20:27
0000	0000	✓	PC_DPS_DYNASYS_15	Z8G0V2M9FZ818M3C0R55V1H4	3	65	FR	22.04.2022	18:00:01	00:27:34	1.654	22.04.2022	18:27:36
0000	0000	✓	PC_DPS_DYNASYS_15	D0V6Z6Y0108F79JZWMR0XQ0G5	0	3	FR	22.04.2022	17:00:01	00:00:01	1	22.04.2022	17:00:02
0000	0000	✓	PC_DPS_DYNASYS_15	E0UQ4AL08BCL073T0UVDL38K	0	3	FR	22.04.2022	16:00:01	00:00:01	1	22.04.2022	16:00:03
0000	0000	✓	PC_DPS_DYNASYS_15	Z9C8QZCZV3P9Z78Q8P7J14	0	3	FR	22.04.2022	15:00:01	00:00:01	1	22.04.2022	15:00:02
0000	0000	✓	PC_DPS_DYNASYS_33	D0V8H5F0K1CY28V8U884Q4HVS	0	28	FR	22.04.2022	14:00:24	00:21:32	1.292	22.04.2022	14:21:56
0000	0000	✓	PC_DPS_DYNASYS_15	E0K245N0W0J2180ZCAT9888K	4	80	FR	22.04.2022	14:00:01	00:32:45	1.965	22.04.2022	14:32:46
0000	0000	✓	PC_DPS_DYNASYS_15	518E0G5A08LCT1PQ1TZ036TZW	0	3	FR	22.04.2022	13:00:00	00:00:01	1	22.04.2022	13:00:02
0000	0000	✓	PC_DPS_DYNASYS_15	00M53K0N3ZY63W02WVW2SH	0	3	FR	22.04.2022	12:00:05	00:00:00	0	22.04.2022	12:00:05
0000	0000	✓	PC_DPS_DYNASYS_15	D699S1C064W8P8R7M03CK	0	9	FR	22.04.2022	11:00:01	00:00:16	16	22.04.2022	11:00:17
0000	0000	✓	PC_DPS_DYNASYS_33	ANHSRGC84E5V1LPC8KMTZLGC	0	28	FR	22.04.2022	10:00:19	00:19:34	1.174	22.04.2022	10:19:54
0000	0000	✓	PC_DPS_DYNASYS_15	C23PE665248198LCUS456Z45	1	37	FR	22.04.2022	10:00:01	00:19:53	1.193	22.04.2022	10:19:54
0000	0000	✓	PC_DPS_DYNASYS_15	820WZ6W665881T148NEMTFW	0	3	FR	22.04.2022	09:00:01	00:00:01	1	22.04.2022	09:00:02
0000	0000	✓	PC_DPS_DYNASYS_15	Z018G1538C0510L8L8MCC	0	3	FR	22.04.2022	08:00:01	00:00:01	1	22.04.2022	08:00:01
0000	0000	✓	PC_DPS_DYNASYS_15	E80E20D0G43LWJ8604ZFX8	2	37	FR	22.04.2022	07:00:00	00:33:59	2.039	22.04.2022	07:33:59
0000	0000	✓	PC_DPS_DYNASYS_15	F2F2C2CQCV4T6413010KEVW	0	3	FR	22.04.2022	06:00:01	00:00:01	1	22.04.2022	06:00:02

If chain PC_DPS_DYNASYS_15 has not run at 6pm CET previous night or 11pm CET previous night

=> inform DynaSys.Interface.Team@solvay.com

If chain PC_DPS_DYNASYS_15 has not run at 7am CET

=> get last timestamp in DPS DPDYN39 / DYN - Table SYS_TIMESTAMP (Write-Optimized) by running IP "IP: DTS_SYS_TIMESTAMP (Dynasys) - Full with filters"

=> check time stamps date + time

Request number **DTPR_5IYUXQA5Y13M1KYYDQ93QPFSV**

Data packet number **1**

Data record number **1**

DynaSys - Source **BW**

DynaSys - Table Name **EXP_FORE_DR**

DynaSys - Type **TECH : EXPORT FORECAST DEMAND REVIEW**

Record Mode

Timestamp **20190820133828**

=> inform DynaSys.Interface.Team@solvay.com

If timestamp is over 7am, BW DynaSys Team will analyse if it is worth it to force an intermediate upload.

In case of intermediate load, no need to inform users. Otherwise users will be noticed by DynaSys.Interface.Team@solvay.com => **DynaSys Interface Team : Reporting Issue**

If no timestamp at all, inform DynaSys.Interface.Team@solvay.com => **DynaSys Interface Team : Reporting Issue**

If chain PC_DPS_DYNASYS_33 has not run at 6pm CET previous night or 11pm CET previous night

=> inform DynaSys.Interface.Team@solvay.com

If chain PC_DPS_DYNASYS_33 has not run at 10am CET or 11am CET

=> get last timestamp in DPS DPDYN39 / DYN - Table SYS_TIMESTAMP (Write-Optimized) by running IP "IP: DTS_SYS_TIMESTAMP (Dynasys) - Full with filters"

Daynasys Source = BW

Dynasys - Table Name = EXP_DIP_BW

Dynasys - Type = TECH : EXPORT BW

=> check time stamps date + time

=> inform DynaSys.Interface.Team@solvay.com

If timestamp is over 11am, BW DynaSys Team will analyse if it is worth it to force an intermediate upload.

In case of intermediate load, no need to inform users. Otherwise users will be noticed by DynaSys.Interface.Team@solvay.com => **DynaSys Interface Team : Reporting Issue**

If no timestamp at all, inform DynaSys.Interface.Team@solvay.com => **DynaSys Interface Team : Reporting Issue**

Every day by 2.45 pm CET

Check following chain or check you have received the automatic email called "Demand planning BW report successfully update" (for PC_DPS_DYNASYS_15) and "DiP-PP reporting in BW successfully updated" (PC_DPS_DYNASYS_33).

Chain	Type	Description	Frequency	Criticality
PC_DPS_DYNASYS_15	Reporting	DPS Dynasys: META - D - 6.Reporting DynaSys (Dynamic KPIs)	Daily at 7am , 2pm , 6pm , 11pm (Not on week-ends or certains bank holidays)	HIGH
PC_DPS_DYNASYS_33	Reporting	DPS Dynasys: TD - D - Reporting Dynasys (DIP Inventory KPIs)	Daily at 10am (or 11am), 2pm , 6pm , 11pm (Not on week-ends or certains bank holidays)	Medium

if no, refer to action described for morning reporting checks.

Communication

DynaSys Interface Team : Interface Issue

Email address: DynaSys.Interface.Team@solvay.com

If only PC_DPS_DYNASYS_25 is late => adapt object and content of the email referring to DP
if both chains are late => adapt object and content of the email referring to both DP / DiP-PP

Email Object : /\ [DP/DiP-PP] Dynamic import will be late today

Email Content (to be adjusted according to impact DP and / or DiP-PP):

"Hello,

Due to an issue on BW side, data files will not be available for Dynasys integration before 11:00 CET.
The integration in Dynasys will be ended approximatively round 12:00 CET for DiP1/DiP2/DiP3 and 12:30 CET for DP1/DP2/DP3.
Regards,"

* give more details about the issue (Global Sales delay, Global Sales error, DynaSys chain issue, Source System PF1/WP1 issue...)

DynaSys Interface Team : Reporting Issue

email or tchat DynaSys.Interface.Team@solvay.com with DPDYN39 contain

DynaSys Team : Interface/Reporting Issue



KeyUsers : Reporting message

Message to users by using last received emails called (or create new message)

- "Demand planning BW report successfully update"
- "CM Aero-Demand planning in BW successfully updated"
- "DiP-PP reporting in BW successfully updated"

Add distribution list :

\$SBS-IS-DynaSys team => IS Team

\$DynaSysDP2-KeyUsers (DP2 = CM Aero) => for CM Aero message

\$DynaSysDP3-KeyUsers (DP3 = Novecare) => for others GBUs

\$DynaSysDP-KeyUsers (DP = rest of GBUs) => for others GBUs

=> inform QV team if necessary guillaume.viaux-exterieur@solvay.com (depending of the issue)

Check impact on [QV - Demand Review for SBS Dashboard - All except CM \(Aero\) /\ Obsolete /\](#)

Change **Email Object**

Demand planning BW report => Not up to date or Not available => for others GBUs

CM Aero-Demand planning BW report => Not up to date or Not available => for CM Aero

Put **Email content**

"Hello,

Due to an issue, Demand planning BW reports are not up to date or not available
I will keep you informed when report are available."

KeyUsers : Interface message

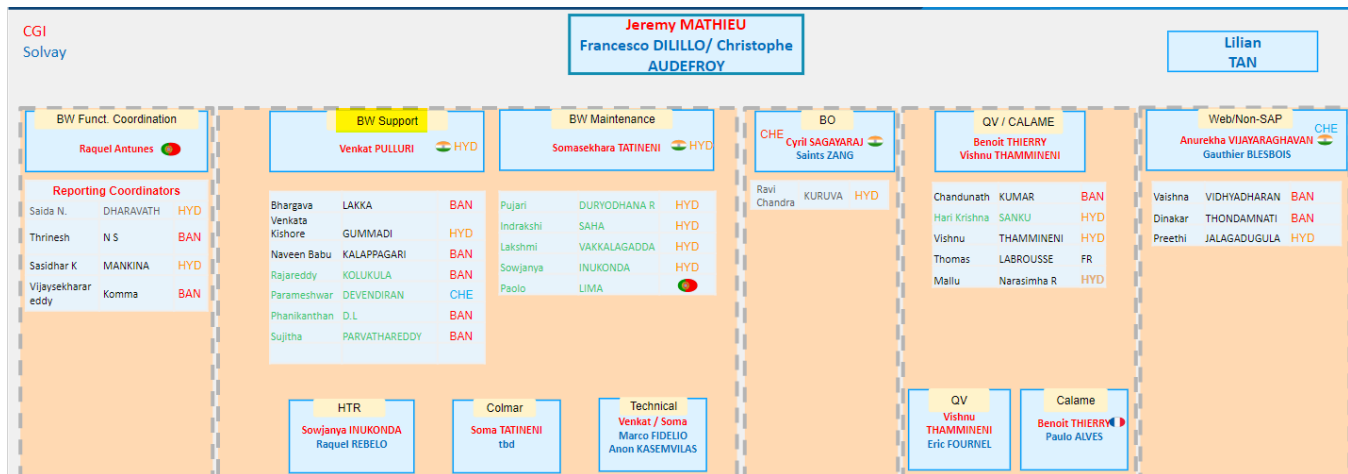
\$DynasysDP1-KeyUsers
 \$DynasysDP2-KeyUsers
 \$DynasysDP3-KeyUsers
 \$DynasysUsersDiP1 (Silica Soad Perox) <DynasysUsersDiP-PP@solvay.com>
 \$DynaSysUsersDiP2 (TS - Aroma) <DynaSysUsersDiP-PP2@solvay.com>
 \$DynaSysUsersDiP3 (Noveware) <DynasysUsersDiP3@solvay.com>

If there is a requirement for follow-up (on incident status), a wiki or google doc could be

Contacts

CGI team for WBP Chains Issues

Contacts



Generic email address (caution 23 members) : SB S-IS-Appli-Techno-Report-BW.CGI@solvay.com

DynaSys team for DYNASYS PROD Issues

DynaSys.Interface.Team@solvay.com

Know Issues

Interface Flat files are generated but not archived or not received by DynaSys

Currently webmethod/MFT first archives files, secondly transfers files to DynaSys

First : check files are archived

In archive directory /exploit/BW/archive/DYNASYS you should have at least all this zip files with date of the day

DYS_BW_PART2.zip => PART2 file

DYS_BW_PART1.zip => PART1 file

DYS_BW_MASTER.zip => MASTER file

If files are archived it means issue is concerning the file transfer part.

Secondly : create an 'high' incident to support group IT Slalom MFT

MFT team receive an automatic incident but seems not re-running transfert nor alert anyone else 😞

[WMPROD-WDCWMAP11] - MFT: WMPROD: DynasysBWPART2 ...

Incident INC00000211116 3-Moderate/Limited 2-High High

Updated Apr 20, 2022 8:27 AM

Assigned

Incident Type: Infrastructure Event

Reported Source: Email

Description: From: Support.XML@solway.com
To: Incoming@solway-mail.onbmc.com
CC: Support.XML@solway.com
Subject: [WMPROD-WDCWMAP11] - MFT: WMPROD: DynasysBWPART2 - Error occurred while processing file(s) from SAPWBP to MFT server

Type: IS Request
Subtype: Support
Functional Area: B2B (Techno)
Process: IS Techno
Subprocess: ERP Integration
Category: B2B
GBU / Function: All GBU's / FUNCTIONS
Group: IS-CAPG-MFT

Hello,

The file transfer for below details failed in webMethods MFT. Kindly check.

Flow Name: DynasysBW
Service: DynasysBW.outbound.services.PART2:getFilesFromWBD

Create a ticket similar to INC%210644 to ask MFT the root cause and why no alert, nor re-run transfert has been done

<https://solway-smartit.onbmc.com/smartit/app/#/incident/IDGEMRVSDG4EQAR0MPXDRJN5LASVMI>

If incident is not taken into account email support.xml@solway.com and put in copy DynaSys.Interface.Team@solway.com

Thirdly : create an 'high' incident to support group IT Data Stellar L3 BW

Ask CGI team to process again MFT part by launching wanted part PART1 or PART2 or MASTER :

- MASTER => Run PC **PC_DPS_DYNASYS_Z03** (DPS DynaSys: Files transfer only - OnDemand - MASTER files)
- PART1 => Run PC **PC_DPS_DYNASYS_Z01** (DPS DynaSys: Files transfer only - OnDemand - PART1 files)
- PART2 => Run PC **PC_DPS_DYNASYS_Z02** (DPS DynaSys: Files transfer only - OnDemand - PART2 files)

Field XXX is not a member of XXX



See [Connection with UD CONNECT !\ Obsolete !\](#)

Weekly and Monthly release days for DynaSys team (impact on loadings)

DynaSys DP = **Weekly release** all Mondays from 12pm to 12h45pm + **Monthly release** every 1st Thursday of the month

DynaSys DIP = **Monthly Release** every 2nd Thursdays of the month

Note that during the days of the **monthly release**, Demand Planning BW report **is not updated** at 2pm and sometimes also 6pm.

Below, an example of email to inform users:

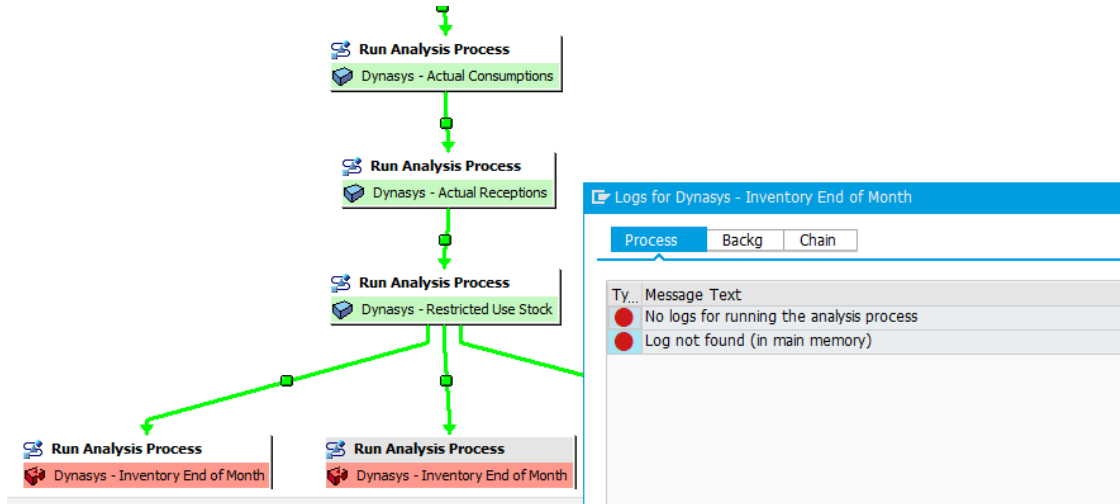
"Hello,

Due to Release on DynaSys side, Demand Planning BW report will not be updated at 2pm CET. The next update is scheduled today at 6pm CET. Thanks for your understanding.

Regards,"

Issue on APD => Dump on ST22 : TSV_TNEW_PAGE_ALLOC_FAILED

Sometimes it can be possible to have an issue at APD level when there is no more memory available.



ST22 Dump log :

Category	Resource bottleneck
Runtime Errors	TSV_TNEW_PAGE_ALLOC_FAILED
Date and Time	06.11.2020 08:17:04

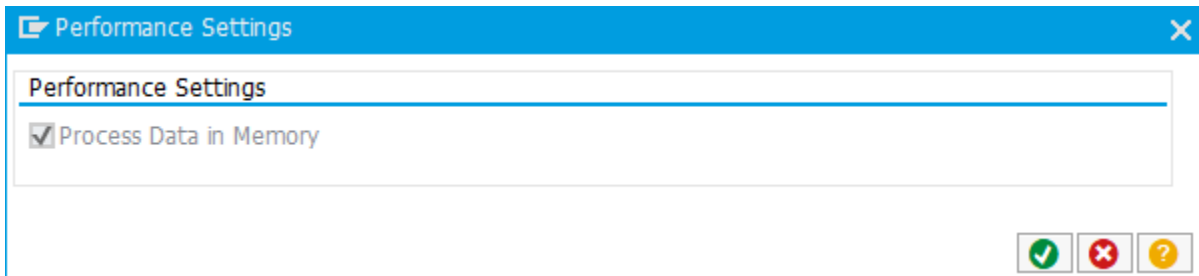
Short Text
No more memory available to add rows to an internal table.

What happened?
An attempt was made to add rows to an internal table. There was no memory available for this however.

When it's happened, try to modify the Performance settings at APD Level :

- Goto => performance Settings

By default the flag is active.



TODO :

Uncheck the Process Data in Memory, activate the APD and repeat the step in issue at the process chain level.

If WBP is not available Saturday

If WBP is not available during Saturday morning, you have to manually generate weekly files

- DYS_BW_SKU_PW_DYNAMIC.csv
- DYS_BW_BOM.csv