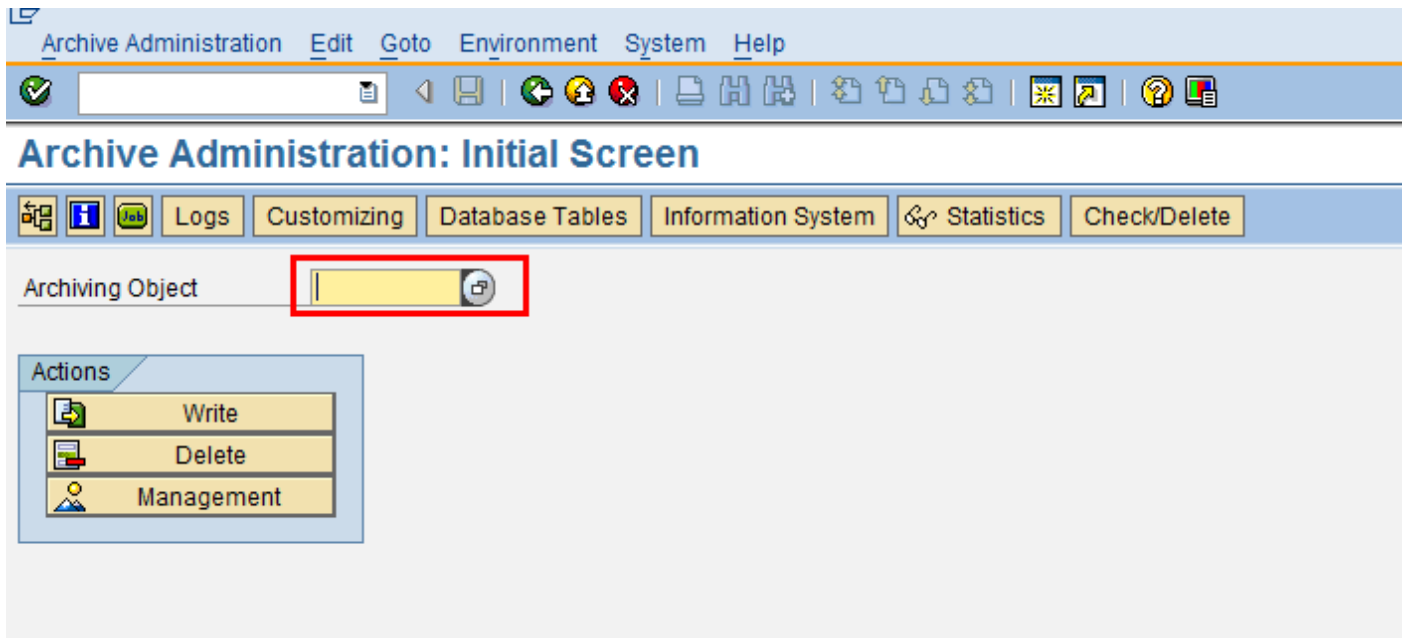


## How to Archive Material Master – Some Simple Steps

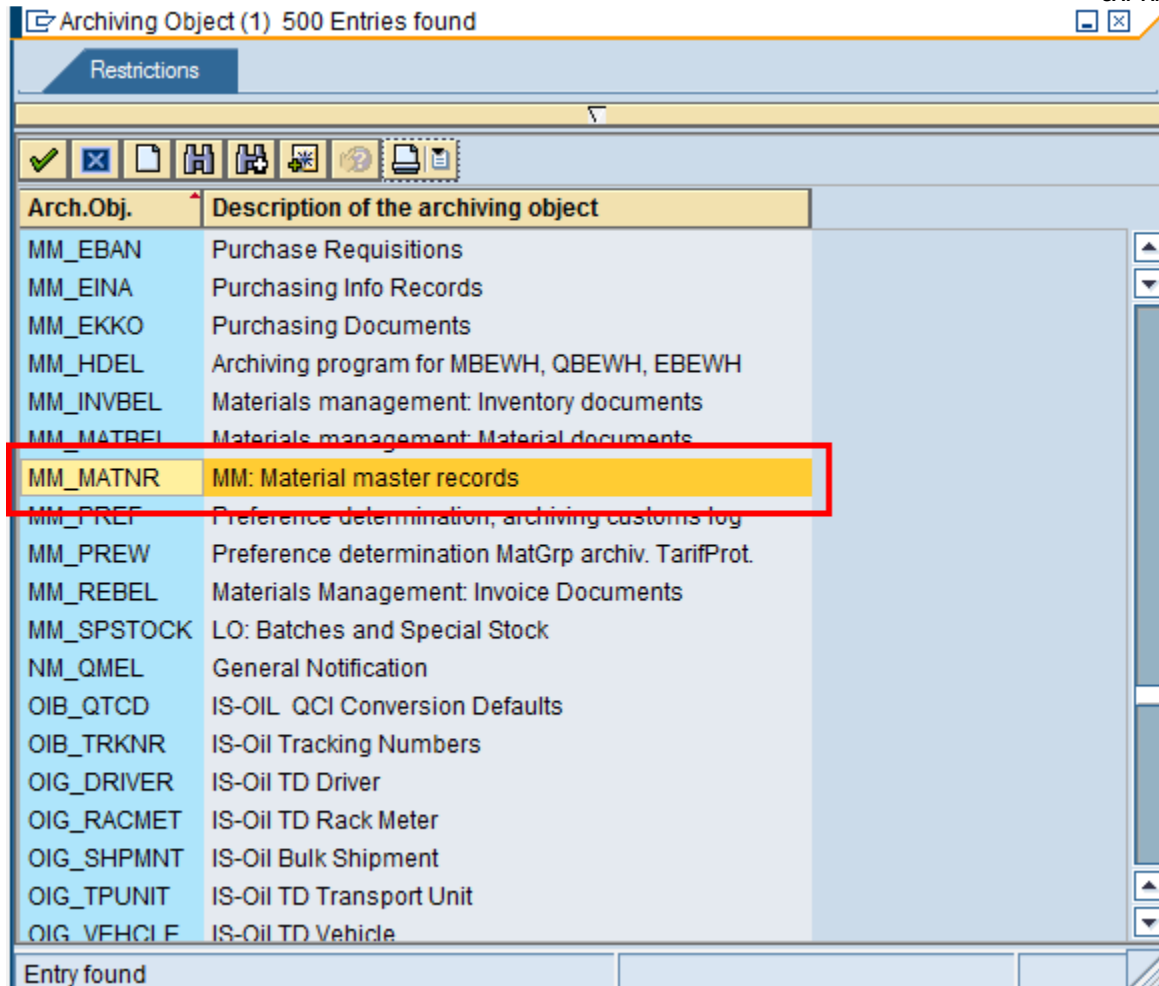
## 1. Create Archive Files

In this example, we will be archiving Material Master which has been marked for deletion.

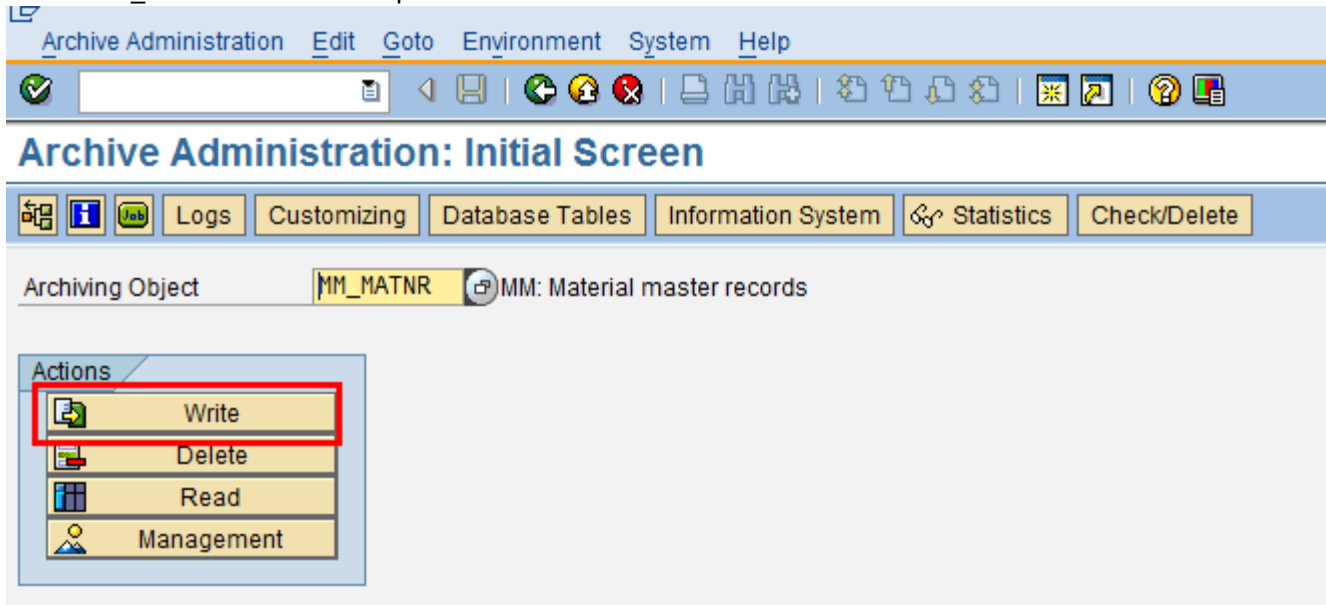
Transaction for Archive is SARA.



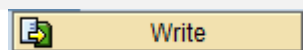
Enter Archiving object



Select MM\_MATNR from the dropdown list



Click Write



Archive Administration Edit Goto System Help

sara

## Archive Administration: Create Archive Files

Archive Directory Customizing Management Database Tables Information System

MM: Material master records

Client 800

Variant ZDEL\_168B\_FZ

User Name KWANFM

Maintain

Start Date Not Maintained

Spool Params. Preset

Field	Enter	Remarks
Variant	ZDEL_168B_FZ	Anything that makes sense you should enter

1. Fill in Variant – ZDEL\_168B\_FZ (something makes sense to you)
2. Click Maintain

Variants: Change Screen Assignment

☒ For All Selection Screens

☐ For Indiv. Selection Screens

Created for Selection Screens		
Created	Number	Ty.
<input type="checkbox"/>	1000	Full screen

Continue

Select For All Selection Screens and click Continue

Continue

Variant Edit Goto System Help

**Maintain Variant: Report MMREO050N, Variant ZDEL\_168B\_FZ**

Attributes

Materials

Material 15000762 to 15000772

Restrictions

☐ Consider materials without deletion flag

☐ Cancel deletion flag

Processing Options

☐ Test Mode

☒ Production Mode

Detail Log X Complete

Log Output List

Archiving Session Note

1. Enter Material
2. Select Production Mode
3. Select X Complete for Details Log
4. Click go back

Maint. variant ZDEL\_168B\_FZ

Leave value maintenance:  
Save values?

Yes No Cancel

Click Yes

Variant Edit Goto Environment System Help

Variant Attributes

Copy Screen Assignment

Variant Name: ZDEL\_168B\_E7

Meaning: Archiving Mark Deletion MMR

☐ Only for Background Processing  
☐ Protect Variant  
☐ Only Display in Catalog  
☐ System Variant (Automatic Transport)

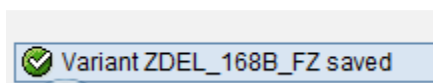
Scrn Assignm.

Created	Selection Scrn
<input checked="" type="checkbox"/>	1000

Objects for selection screen

Selection Scrn	Field name	Type	Protect field	Hide field	Hide field 'BIS'	Save field without values	Switch GPA off	Required field	Selectio
1,000	Material	S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1,000	LV_IGN	P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1,000	AUTO_RUN	P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1,000	RESET	P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1,000	P_AR_ILM	P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1,000	P_SNAP	P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1,000	P_DEST	P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1,000	Test Mode	P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1,000	Production Mode	P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1,000	Delete with Test Variant	P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1,000	Detail Log	P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1,000	Log Output	P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1,000	Archiving Session Note	P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1,000	STATUS	P	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

1. Enter Meaning
2. Click Save



Click Go back

Archive Administration   Edit   Goto   System   Help

Archive Administration: Create Archive Files

Archive Directory   Customizing   Management   Database Tables   Informa

MM: Material master records

Client   301

Variant   ZDEL\_168B\_FZ   Maintain

User Name   KWANFM

Start Date   Not Maintained

Spool Params.   Not Maintained

Click Start Date

Start Time

Immediate   Date/Time   After job   After event   At operation mode   >>

Date/Time

☒ Immediate start

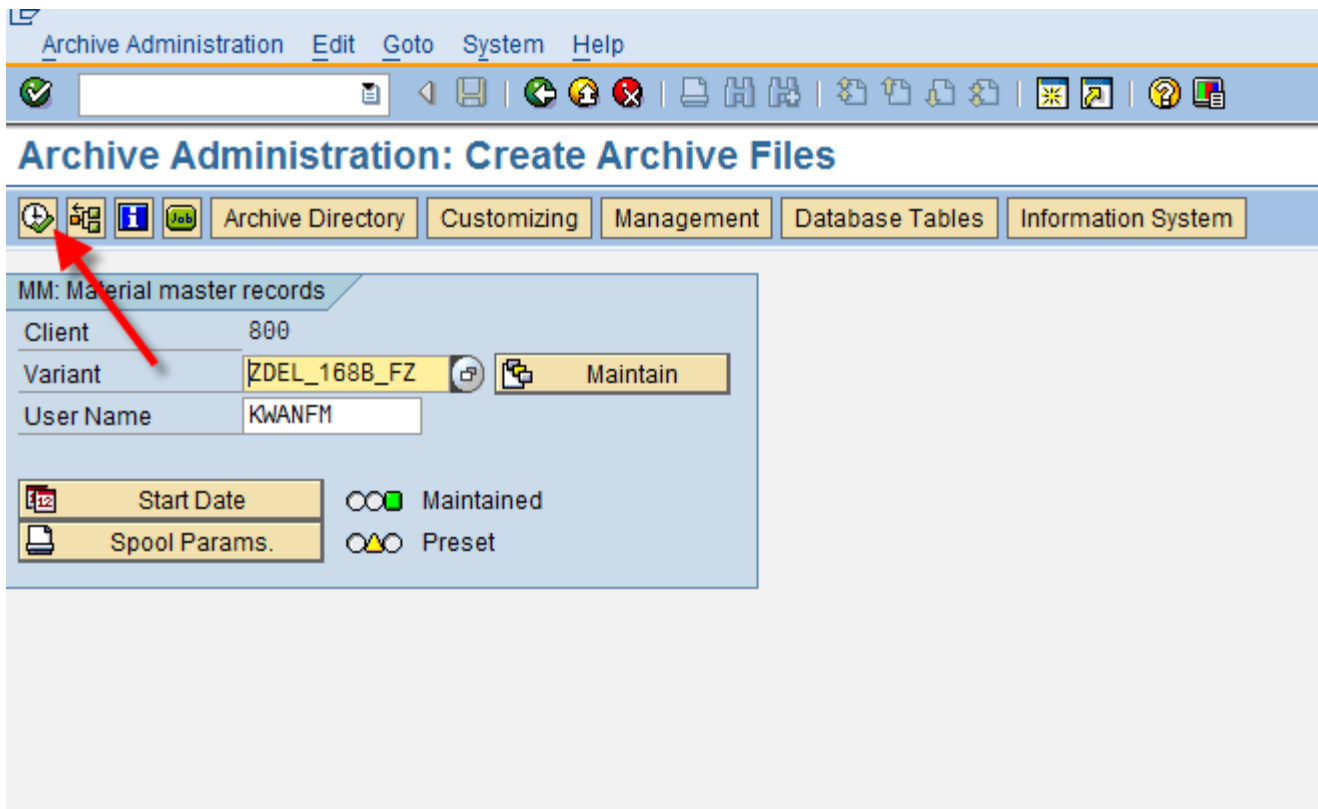
After job   At operation mode



After event

☐ Periodic job

Check   Period values   Restrictions

1. Click Immediate
2. Click Save



1. Click  **Spool Params.** – enter the output device
2. Click Execute 

Archive Administration   Edit   Goto   System   Help

Archive Administration: Create Archive Files

Archive Directory   Customizing   Management   Database Tables   Information System

MM: Material master records

Client   800

Variant   ZDEL\_168B\_FZ   Maintain

User Name   KWANFM

Start Date   Preset

Spool Params.   Preset

Click Job

Job   Edit   Goto   Extras   Settings   System   Help

Job Overview

Release   Spool   Job log   Step   Application servers


Job	Spool	Job Doc	Job CreatedB	Status	Start date	Start time	Duration(sec.)	Delay (sec.)
<input type="checkbox"/> ARV_MM_MATNR_DEL20101015175655			KWANFM	Finished	15.10.2010	17:56:55	3	0
<input type="checkbox"/> ARV_MM_MATNR_SUB20101015175458			KWANFM	Finished	15.10.2010	17:54:58	0	0
<input type="checkbox"/> ARV_MM_MATNR_SUB20101015180107			KWANFM	Finished	15.10.2010	18:01:07	0	0
<input type="checkbox"/> ARV_MM_MATNR_WRI20101015175458			KWANFM	Finished	15.10.2010	17:54:58	41	0
<input type="checkbox"/> ARV_MM_MATNR_WRI20101015180107			KWANFM	Finished	15.10.2010	18:01:07	2	0
+Summary							46	0

1. Click until status indicate **Finished**
2. Click the Transaction that has been generated in the listing
3. Click Spool



Spool Request Edit Goto Utilities Settings System Help

Output Controller: List of Spool Requests

Spool no.	Type	Date	Time	Status	Pages	Title
13423		15.10.2010	18:01	Waiting	4	MM: Material master records

Click TYPE  within the transaction

Spool Request Edit Goto Utilities Settings System Help

Graphical display of spool request 13423 in system ECP

Production Mode: Statistics on Written Data Objects

Archive File Key	000002-001MM_MATNR
Number of Written Data Objects	10
Size of Archive File in MB	0.048
Proportion of Header Data in %	80.8
Occupied Database Space in MB	0.046
- Tables	0.040
- Indexes	0.006

Type	No.	Description
CDHDR	2	Change document header
CDKEYTAB	1	Archiving class CHANGEDOCU transfer table structure
CDPOS	2	Change document items
MAKT	10	Material Descriptions
MARA	10	General Material Data
MARC	10	Plant Data for Material
MARD	10	Storage Location Data for Material
MARM	20	Units of Measure for Material
MBEW	10	Material Valuation
MLAN	10	Tax Classification for Material
PRE01	1	Help structure for mass access to material

Summary

Archiving Session Number	000002
Number of Written Data Objects	10
Size of Archiving Session in MB	0.048
Proportion of Header Data in %	80.8
Occupied Database Space in MB	0.046
- Tables	0.040
- Indexes	0.006

Type	No.	Description
CDHDR	2	Change document header
CDKEYTAB	1	Archiving class CHANGEDOCU transfer table structure
CDPOS	2	Change document items
MAKT	10	Material Descriptions
MARA	10	General Material Data
MARC	10	Plant Data for Material

See the number of written data object are 10 records has been archived in the red box.

Pool Request Edit Goto Utilities Settings System Help

Graphical display of spool request 13423 in system ECP

Settings... Graphical Graphic Without Structure Information Raw Hex

Production Mode: Statistics on Written Data Objects

Archive File Key	000002-001MM_MATNR
Number of Written Data Objects	10
Size of Archive File in MB	0.048
Proportion of Header Data in %	80.8
Occupied Database Space in MB	0.046
- Tables	0.040
- Indexes	0.006

Type	No.	Description
CDHDR	2	Change document header
CDKEYTAB	1	Archiving class CHANGEDOCU transfer table structure
CDPOS	2	Change document items
MAKT	10	Material Descriptions
MARA	10	General Material Data
MARC	10	Plant Data for Material
MARD	10	Storage Location Data for Material
MARM	20	Units of Measure for Material
MBEW	10	Material Valuation
MLAN	10	Tax Classification for Material
PRE01	1	Help structure for mass access to material

Summary

Archiving Session Number	000002
Number of Written Data Objects	10
Size of Archiving Session in MB	0.048
Proportion of Header Data in %	80.8
Occupied Database Space in MB	0.046
- Tables	0.040
- Indexes	0.006

Click go back , and go back  until you see the below screen.



Archive Administration Edit Goto System Help

Archive Administration: Create Archive Files



Archive Directory Customizing Management Database Tables Inform



MM: Material master records


Client 800

Variant ZDEL\_168B\_FZ   Maintain

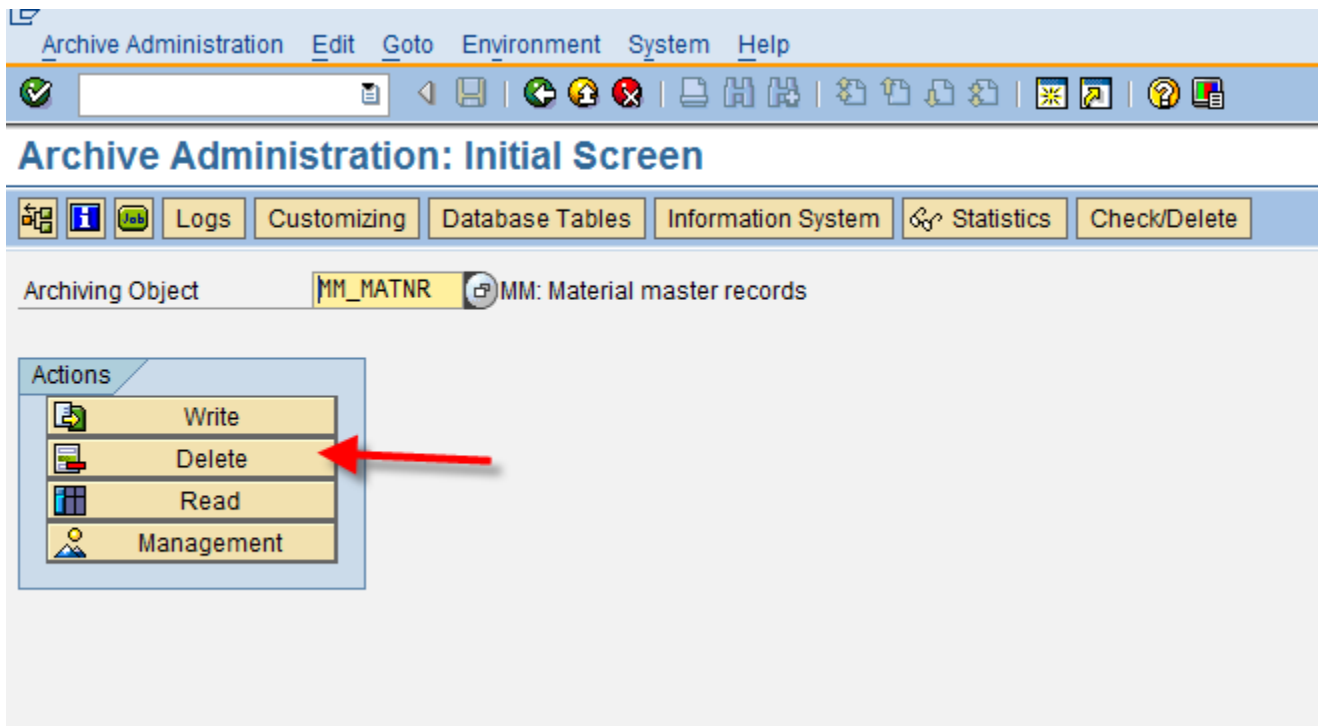
User Name KWANFM

 Start Date  Preset

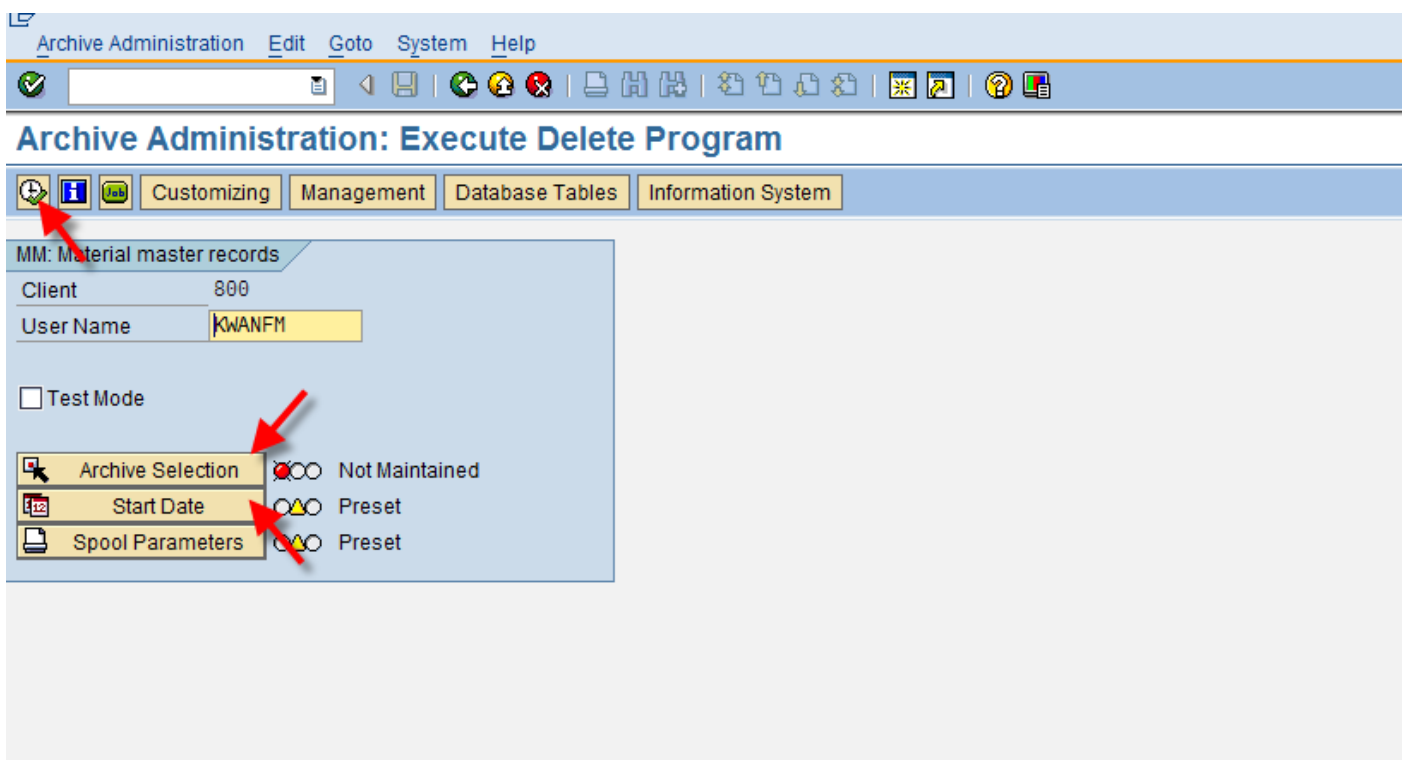
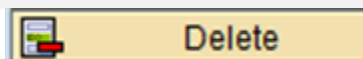
 Spool Params.  Preset

Then click Go Back again 

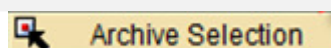
## 1. Execute Delete Program

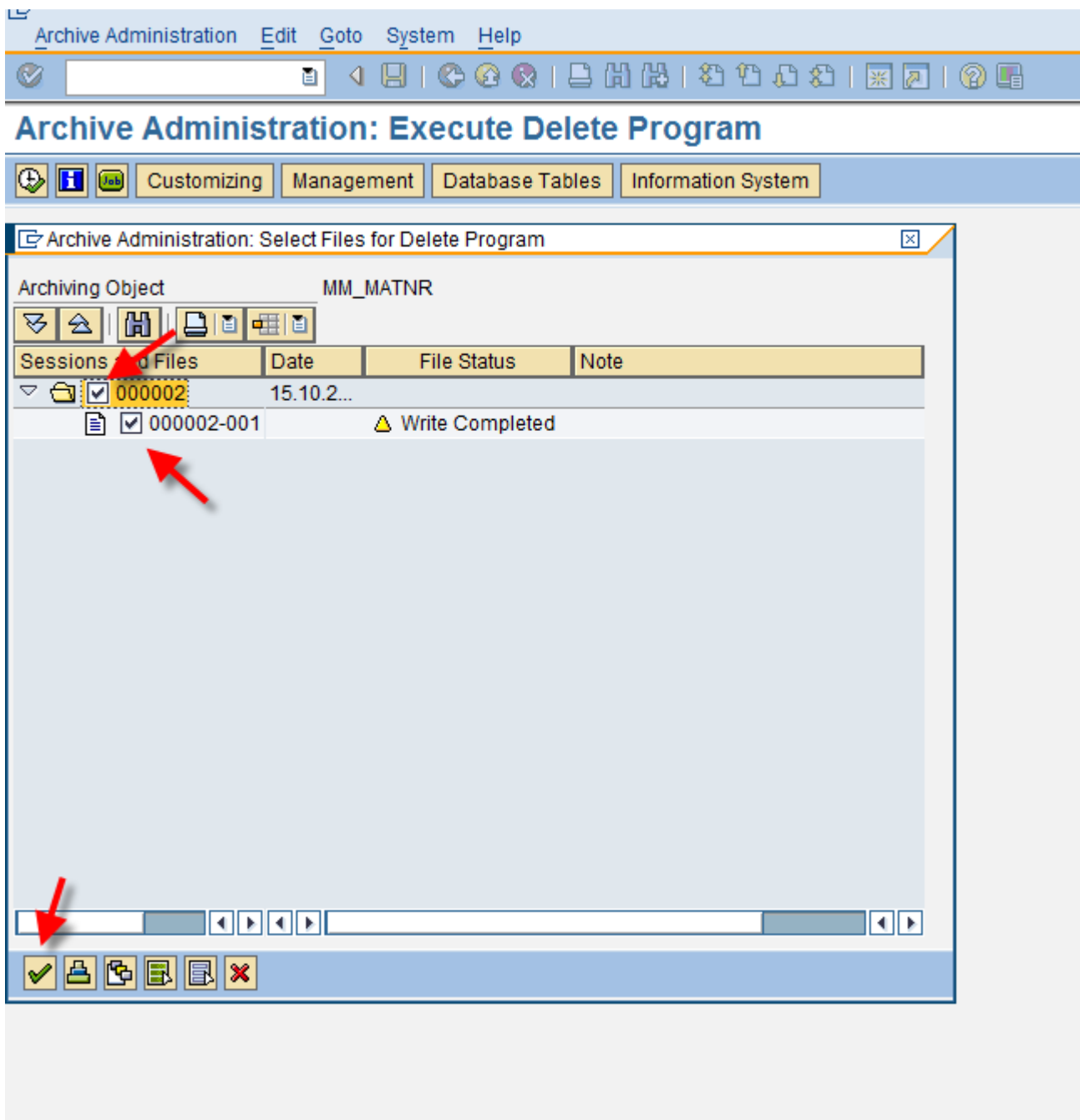


Last but not least, click DELETE



Click Archive Selection





Archive Administration   Edit   Goto   System   Help

Archive Administration: Execute Delete Program

Customizing   Management   Database Tables   Information System

MM: Material master records

Client   800

User Name   KWANFM

☐ Test Mode

Archive Selection   ☐ Maintained

Start Date   ☐ Preset

Spool Parameters   ☐ Preset

Click Start Date

Start Date

Archive Administration Edit Goto System Help

Archive Administration: Execute Delete Program

Customizing Management Database Tables Information System

Start Time

Immediate Date/Time After job After event At operation mode >>

Date/Time

☒ Immediate start

After job

At operation mode

After event

☐ Periodic job

Check Period values Restrictions

Click Immediate

Immediate

Archive Administration Edit Goto System Help

Archive Administration: Execute Delete Program

Customizing Management Database Tables Information System

Start Time

Immediate Date/Time After job After event At operation mode >>

Date/Time

☒ Immediate start

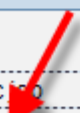
After job


At operation mode

After event

☐ Periodic

Check Period values Restrictions



Click Save 

Archive Administration Edit Goto System Help

Archive Administration: Execute Delete Program

Customizing Management Database Tables Information System

MM: Material master records

Client 800

User Name KWANFM

☐ Test Mode

Archive Selection	OO	Maintained
Start Date	OO	Maintained
Spool Parameters	OO	Preset

Click Execute



System will prompt

New deletion jobs were scheduled

Archive Administration Edit Goto System Help

Archive Administration: Execute Delete Program

Customizing Management Database Tables Information System

MM: Material master records

Client 800

User Name KWANFM

☐ Test Mode

Archive Selection	XX	Not Maintained
Start Date	OO	Preset
Spool Parameters	OO	Preset

Click Job





Job Edit Goto Extras Settings System Help

Job Overview

Release Spool Job log Step Application servers

Job	Spool	Job Doc	Job CreatedB	Status	Start date	Start time	Duration(sec.)	Delay (sec.)
<input type="checkbox"/> ARV_MM_MATNR_DEL20101015175655			KWANFM	Finished	15.10.2010	17:56:55	3	0
<input type="checkbox"/> ARV_MM_MATNR_DEL20101015180738			KWANFM	Finished	15.10.2010	18:07:38	1	0
<input type="checkbox"/> ARV_MM_MATNR_SUB20101015175458			KWANFM	Finished	15.10.2010	17:54:58	0	0
<input type="checkbox"/> ARV_MM_MATNR_SUB20101015180107			KWANFM	Finished	15.10.2010	18:01:07	0	0
<input type="checkbox"/> ARV_MM_MATNR_WRI20101015175458			KWANFM	Finished	15.10.2010	17:54:58	41	0
<input type="checkbox"/> ARV_MM_MATNR_WRI20101015180107			KWANFM	Finished	15.10.2010	18:01:07	2	0
*Summary							47	0

Select the transaction in the red box, is the spool you have just created

Job Edit Goto Extras Settings System Help

Job Overview

Release Spool Job log Step Application servers

Job	Spool	Job Doc	Job CreatedB	Status	Start date	Start time	Duration(sec.)	Delay (sec.)
<input type="checkbox"/> ARV_MM_MATNR_DEL20101015175655			KWANFM	Finished	15.10.2010	17:56:55	3	0
<input type="checkbox"/> ARV_MM_MATNR_DEL20101015180738			KWANFM	Finished	15.10.2010	18:07:38	1	0
<input type="checkbox"/> ARV_MM_MATNR_SUB20101015175458			KWANFM	Finished	15.10.2010	17:54:58	0	0
<input type="checkbox"/> ARV_MM_MATNR_SUB20101015180107			KWANFM	Finished	15.10.2010	18:01:07	0	0
<input type="checkbox"/> ARV_MM_MATNR_WRI20101015175458			KWANFM	Finished	15.10.2010	17:54:58	41	0
<input type="checkbox"/> ARV_MM_MATNR_WRI20101015180107			KWANFM	Finished	15.10.2010	18:01:07	2	0
*Summary							47	0

Click Spool

Spool Request Edit Goto Utilities Settings System Help

Output Controller: List of Spool Requests

Spool no. Type Date Time Status Pages Title

<input type="checkbox"/> 13424		15.10.2010	18:07	Waiting	1	MM: Material master records
--------------------------------	--	------------	-------	---------	---	-----------------------------

Click Type

SPool Request   Edit   Goto   Utilities   Settings   System   Help

Graphical display of spool request 13424 in system ECP

Settings...   Graphical   Graphic Without Structure Information   Raw   Hex

Production Mode: Statistics for Deleted Data Objects

Archive File Key: 000002-001MM\_MATNR

Number of Deleted Data Objects	10
Deleted Database Space in MB	0.004
- Tables	0.046
- Indexes	0.008

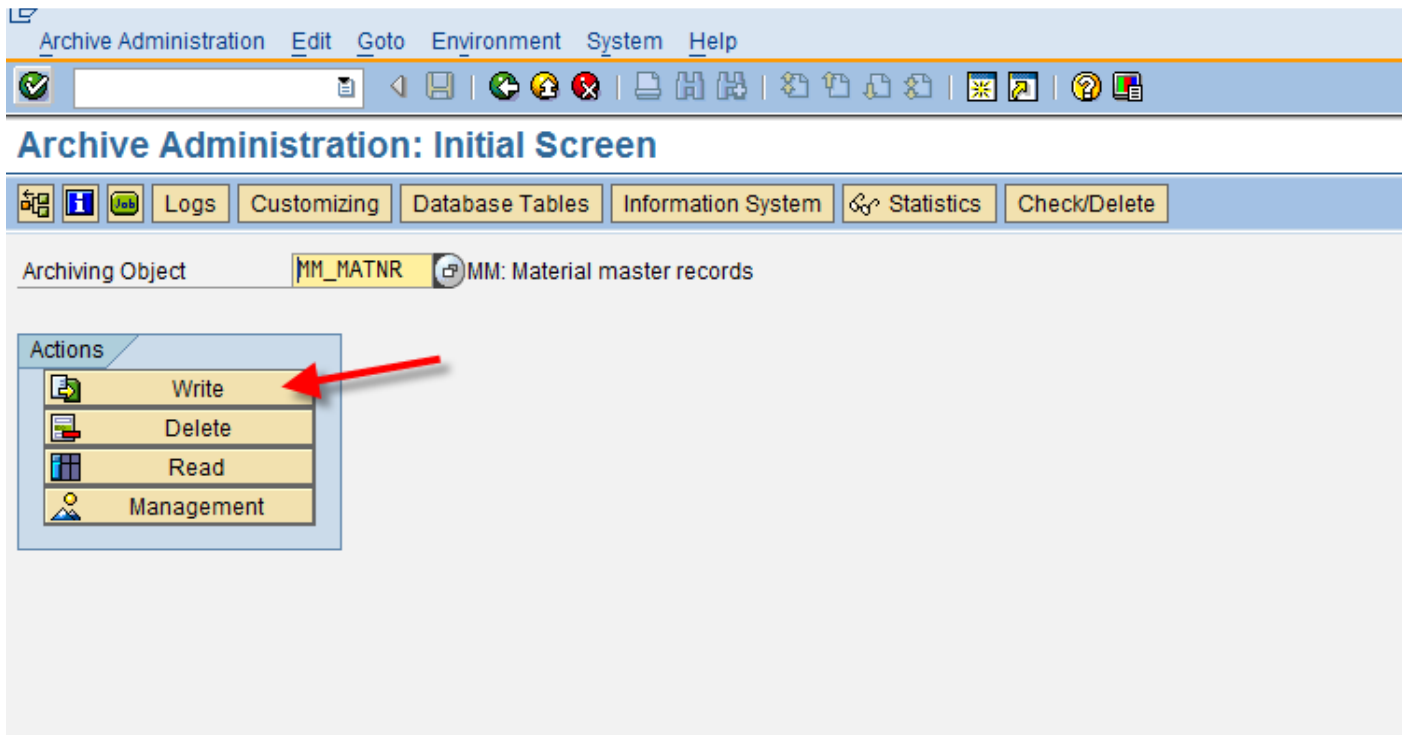
Type	No.	Description
CDHDR	2	Change document header
CDPOS	2	Change document items
CDPOS_STR	0	Additional Change Document - Table for STRINGS
CDPOS_UID	0	Additional Table for Inclusion of TABKEY>70 Characters
MAKT	10	Material Descriptions
MARA	10	General Material Data
MARC	10	Plant Data for Material
MARCH	10	Material Master C Segment: History
MARD	10	Storage Location Data for Material
MARDH	10	Material Master Storage Location Segment: History
MARM	20	Units of Measure for Material
MBEW	10	Material Valuation
MBEWH	30	Material Valuation: History
MLAN	10	Tax Classification for Material
MSTA	1	Material Master Status

Log (Summary) for MM\_MATNR

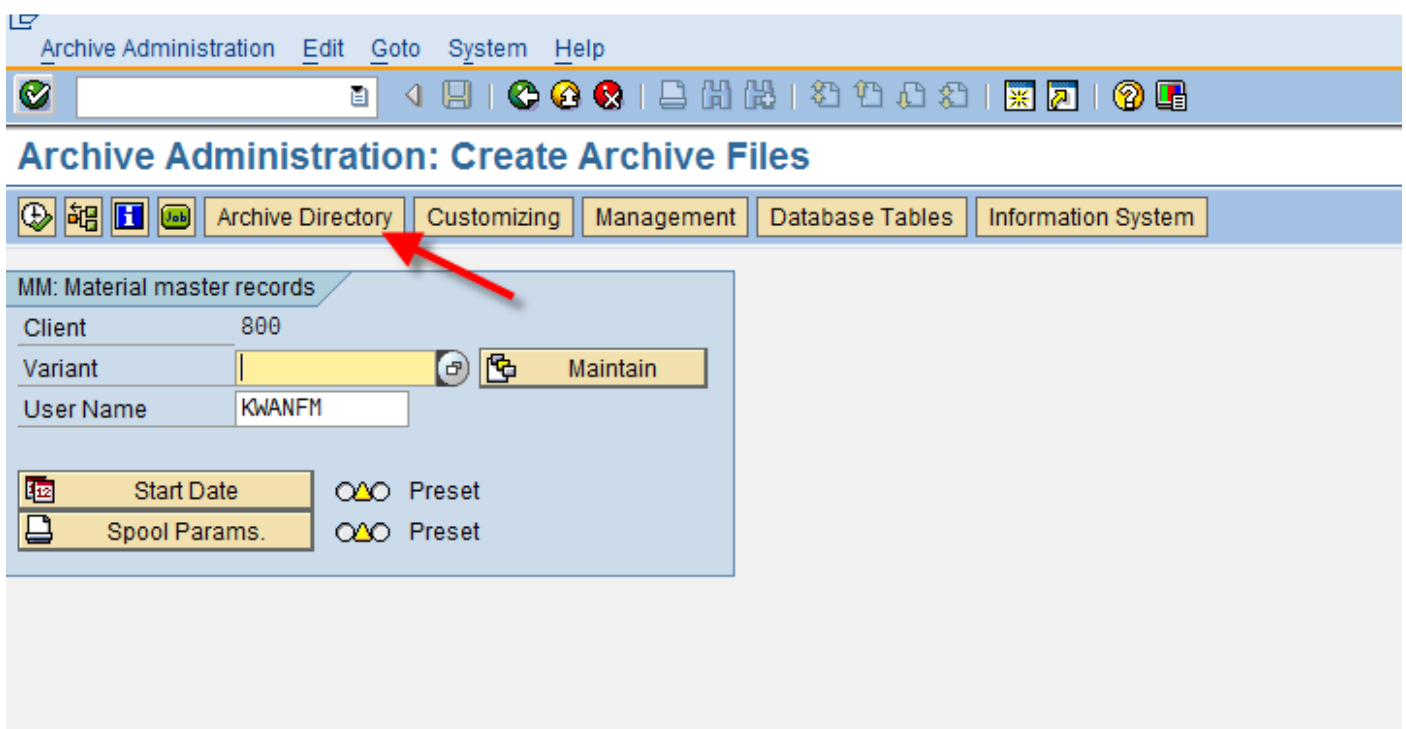
Message (Example)	Obj. Disp.	Object (Example)
✦ MARD: 168B FZ02 material master record was archived	40	000000000015000763
✦ MARA: status entries (material maintenance status) were deleted	1	000000000015000763
✦ MARA: class assignments archived	10	000000000015000763
✦ MAKT: E material descriptions archived	10	000000000015000763
✦ MARM: BAG units of measure archived	20	000000000015000763
✦ MLAN: ID export data archived	10	000000000015000763
✦ MBEW: 168B inflation data deleted	10	000000000015000763
✦ MARA: Object management records deleted for the material	10	000000000015000763
✦ MARDH: 168B FZ02 entries were deleted	30	000000000015000763

Transaction in the red box indicates records deleted

### 3. To Know Where the Data Were Stored



1. Go to TCode SARA
2. Find Archiving Object
3. Click Write



Click Archive Directory

Archive Administration   Edit   Goto   System   Help

Archive Administration: Create Archive Files

Archive Directory   Customizing   Management   Database Tables   Information System

MM: Material master records

Client   800

Variant     

User Name   KWANFM

Start Date     

Spool Params.     

Archive Directory: Status

Archive Directory:  
/usr/sap/ECP/SYS/global/

Available Space:   3,574,320   KB

☒

See the red box is the directory that holds the archives

[List](#)
[Edit](#)
[Goto](#)
[Settings](#)
[System](#)
[Help](#)

**SAP-Directories ( 15.10.2010 18:14:21 ECP ECPSVR )**

Name of Directory Parameter	Directory
DIR_ATHA	/usr/sap/ECP/DVEBMGS00/data
DIR_BINARY	/usr/sap/ECP/DVEBMGS00/exe
DIR_CCMS	/usr/sap/ccms
DIR_CT_LOGGING	/usr/sap/ECP/SYS/global
DIR_CT_RUN	/usr/sap/ECP/SYS/exe/run
DIR_DATA	/usr/sap/ECP/DVEBMGS00/data
DIR_DB2_HOME	/db2/db2ecp
DIR_DBMS	/usr/sap/ECP/SYS/SAPDB
DIR_EXECUTABLE	/usr/sap/ECP/DVEBMGS00/exe
DIR_EXE_ROOT	/usr/sap/ECP/SYS/exe
DIR_GEN	/usr/sap/ECP/SYS/gen/dbg
DIR_GEN_ROOT	/usr/sap/ECP/SYS/gen
DIR_GLOBAL	/usr/sap/ECP/SYS/global
DIR_GRAPH_EXE	/usr/sap/ECP/DVEBMGS00/exe
DIR_GRAPH_LIB	/usr/sap/ECP/DVEBMGS00/exe
DIR_HOME	/usr/sap/ECP/DVEBMGS00/work
DIR_INSTALL	/usr/sap/ECP/SYS
DIR_INSTANCE	/usr/sap/ECP/DVEBMGS00
DIR_LIBRARY	/usr/sap/ECP/DVEBMGS00/exe
DIR_LOGGING	/usr/sap/ECP/DVEBMGS00/log
DIR_MEMORY_INSPECTOR	/usr/sap/ECP/DVEBMGS00/data
DIR_PAGING	/usr/sap/ECP/DVEBMGS00/data
DIR_PUT	/usr/sap/ECP/put
DIR_PERF	/usr/sap/tmp
DIR_PROFILE	/usr/sap/ECP/SYS/profile
DIR_PROTOKOLLS	/usr/sap/ECP/DVEBMGS00/log

1. Go TCode AL11
2. Select the Directory as seen earlier

Directory : /usr/sap/ECF/SYS/global

Useable	Viewed	Changed	Length	Owner	Lastchange	Lastchange	File Name
			4096	ecpadm	15.10.2010	18:01:08	.
			256	ecpadm	29.06.2010	13:13:16	..
			233472	ecpadm	15.10.2010	17:59:29	000JOBLOG
			4096	ecpadm	15.10.2010	16:13:08	800BDCLG
			256	ecpadm	15.10.2010	18:07:38	800JOBLOG
				ecpadm	28.06.2010	21:57:37	ABAPPROT
X			41759	ecpadm	15.10.2010	17:55:38	MM_MM_MATNR_20101015_175538_0.ARCHIVE
X			50008	ecpadm	15.10.2010	18:01:08	MM_MM_MATNR_20101015_180108_0.ARCHIVE
X			755392	ecpadm	15.10.2010	17:07:18	SLOGJ
X			1999840	ecpadm	30.09.2010	09:39:32	SLOGJO
			256	ecpadm	28.06.2010	18:24:14	db6
X			171	ecpadm	28.06.2010	18:24:28	dscdb6.conf
X			272	ecpadm	28.06.2010	18:09:24	ms_acl_info
			256	ecpadm	11.10.2010	22:13:23	sapcontrol
			256	ecpadm	28.06.2010	18:09:17	security

--- END