

Archive Administration

This section covers the following topics:

- Archive Datasets
- Listing Archive Datasets
- Condensing an Archive Dataset
- Deleting an Archive Dataset
- Listing Volsers Spanned by an Archive Dataset
- Renaming an Archive Dataset
- Modifying the Volser of an Archive Dataset
- Listing Reports in an Archive Dataset
- Modifying the Expiration Date of a Report in an Archive Dataset
- Resetting the Expiration Date of a Report in an Archive Dataset
- Deleting a Report from an Archive Dataset
- Reviving a Report Deleted from Active Reports

For further information about Archiving, see the sections *Automatic Archiving Defaults* and *Start Archiving Task*.

Archive Datasets

Every time reports are archived to a tape, a dataset is created on the tape volume containing all the archived reports. This is called an archive dataset.

For each archive dataset, an entry is made on the Entire Output Management archive catalog, which contains control information regarding each archive process.

This information includes the date and time of the operation, the volser(s) on which the archive dataset has been catalogued, and an indication of whether the dataset still contains reports which must remain on archive.

When the reports contained in an archive dataset are no longer required, a message is displayed to the right of the dataset indicating that the volsers can be reused for other purposes.

Listing Archive Datasets

 **To display the list of datasets which have been archived:**

1. Enter 9 in the command line of the Main Menu.

The Archive Datasets screen is displayed:

```

17:31:17          **** ENTIRE OUTPUT MANAGEMENT ****          2008-04-30
User ID XYZ          - Archive Data sets -

Cmd Data set          NVol  NumRp  Created          Msg
-----
___ NOM.ARC221.NOM0402          1      1  03-03-03  09:00
___ NOM.ARC221.NOM0401          1          02-12-23  09:00  can be deleted
___ NOM.ARC221.NOM0400          1          02-12-18  14:17  can be deleted
___ NOM.ARC221.NOM0399          1          02-12-18  13:39  can be deleted
___ NOM.COND221.NOM0398          1          02-11-11  11:05  can be deleted
___ NOM.ARC221.NOM0397          1          02-11-11  09:00  can be deleted
___ NOM.ARC221.NOM0396          1          02-11-08  10:19  can be deleted
___ NOM.ARC221.NOM0393          1          02-11-05  11:05  can be deleted
___ UKSJU.NOMUDA.NOM0392          1      11  02-11-01  16:10
___ RDU.SJU.NOMUDA3.NOM0391          1          02-11-01  16:10  can be deleted
___ NOM.ARC221.NOM0390          1          02-11-01  16:10  can be deleted
___ NOM.ARC221.NOM0389          1          02-11-01  09:00  can be deleted
___ RDU.SJU.NOMUDA3.NOM0388          1          02-10-31  09:00  can be deleted
___ RDU.SJU.NOMUDA3.NOM0387          1          02-10-30  09:00  can be deleted
___ NOM.ARC221.NOM0386          1          02-10-02  09:00  can be deleted

Top Of Data
Command =>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help          Exit  Flip          -      +          <      >      Menu
    
```

The datasets are listed in alphabetical order.

2. The information displayed is spread over four screens. By repeatedly pressing PF11, you can display the information on the subsequent screens.

Line Commands

Code	Function
CD	Mark the dataset for condensing.
DE	Delete the dataset from archive. Uncatalogs this dataset.
MV	Modify the volser of an archive dataset.
RN	Rename an archive dataset.
RP	List the reports archived on this dataset.
VO	List the volsers on which this dataset resides.

Fields

Field	Explanation
Dataset	The archived dataset name.
NVol	The number of tape volumes the dataset occupies.
NumRp	The number of archived reports contained on the dataset.
Created	The date and time the dataset was created.
Msg	When all reports archived on the dataset are no longer required and have been purged, the message "Delete" appears, advising you that the dataset can be uncataloged and the volsers reused.
Second Screen:	
LogExpD	Logical Expiration Date. This is the date until which the dataset is to be kept. This can differ from the Physical Expiration Date (see below), if the expiration date of one or more active reports is extended or shortened after archiving. If the Logical Expiration Date is <i>later</i> than the Physical Expiration Date, the line with the archive dataset is <i>highlighted</i> . Run a condense to synchronize the two dates.
PhysExpD	Physical Expiration Date. This is the date until which the tape is to be kept and corresponds to the date supplied on the tape with the EXPDT parameter.
Third Screen:	
# Expired	The number of expired reports. This is calculated by subtracting the number of reports still active on this dataset from the number of reports originally archived. This number will not be displayed for old archive datasets.
Cdns	This shows whether this archive is output from a condense or not.
Fourth Screen:	
Arc Type	Displays the archive type name, standard or user-defined.
Num	Internally allocated number for archive type.

Condensing an Archive Dataset

To condense an archive dataset:

1. To mark an archive dataset for condensing, enter the line command CD on the Archive Datasets screen next to the dataset(s) to be condensed.

The message "condense" appears in the Msg column:

```

14:41:22          **** ENTIRE OUTPUT MANAGEMENT ****          2008-04-21
User ID XYZ          - Archive Data sets -

Cmd Data set          NVol NumRp Created          Msg
-----
___ NOM.ARC.NOM0056          1    60 13/10/99 13:48 condense
___ NOM.ARC.NOM0055          1    13 13/10/99 13:42 condense
___ NOM.ARC.NOM0054          1          22/09/99 15:03 can be deleted
___ NOM.ARC.NOM0051          1          22/09/99 14:50 can be deleted
___ NOM.ARC.NOM0050          1          20/09/99 11:38 can be deleted
___ EOM.ARC.NOM0049          1          20/08/99 14:35 can be deleted
___ EOM.ARC.EOM0047          1          12/08/99 15:45 can be deleted

```

- To start the condense task, enter the direct command `START CONDENSE` in the command line of any screen (see `START` command in the *Commands* documentation), or select option 9 on the System Administration Menu (see the section *Start Condense Task*).

Note:

The job skeleton used for condensing has to be saved in library `SYSNOMU` and must be named `JCDNSKEL`.

Deleting an Archive Dataset

An archive dataset can only be deleted when it contains no reports.

To delete an archive dataset:

- On the Archive Datasets screen, enter the line command `DE` next to the dataset you want to delete.

A window is displayed asking you to confirm the deletion.

- To do so, enter `DELETE`, and also specify whether or not the dataset is to be uncatalogued.

A message confirms the deletion.

Listing Volsers Spanned by an Archive Dataset

To display the list of volsers spanned by an archive dataset:

- On the Archive Datasets screen, enter the line command `VO` next to the appropriate dataset.

A window with a list of the volsers is displayed.

Renaming an Archive Dataset

This function renames the selected archive dataset and updates all active reports contained on it so that they point to the new dataset. Summary information on the results of this function is written to the Monitor log.

To rename an archive dataset:

1. On the Archive Datasets screen, enter the line command RN next to the dataset you want to rename.

The Rename Archive Dataset screen is displayed. It contains the following fields:

Field	Explanation
From dataset name	The old name of the dataset.
To dataset name	Here you specify the new name of the dataset.
Log modifications of Reports	This field determines whether or not messages about changed reports of archive dataset are written to the monitor log: <ul style="list-style-type: none"> ● Y = Messages are written. ● N = No messages are written (default).
Adabas calls between screen writes	The number of records to be updated between screen writes. The default value is 1000.
Adabas updates between End Transactions	The number of records to be updated between End-of-Transaction commands. The default value is 30.

2. Enter the new dataset name, and press PF5 to perform the update.

Modifying the Volser of an Archive Dataset

This function is used to change the volser of an archive dataset in and updates all active reports contained on it so that they point to the new volser.

This function can only be used for single-volume datasets. For multi-volume datasets, you condense the archive dataset to a new one; this which will also update the volsers.

 **To modify the volser of an archive dataset:**

1. On the Archive Datasets screen, enter the line command MV next to the desired dataset.

A screen containing the following fields is displayed:

Field	Explanation
Archive dataset	The name of the dataset whose volser is to be modified.
Current volser	The current volser of the dataset.
To volser	Here you specify the new volser.
Log modifications of Reports	This field determines whether or not messages about changed reports of archive dataset are written to the monitor log: <ul style="list-style-type: none"> ● Y = Messages are written. ● N = No messages are written (default).
Adabas calls between screen writes	The number of records to be updated between screen writes. The default value is 1000.
Adabas calls between End Transactions	The number of records to be updated between End-of-Transaction commands. The default value is 30.

2. Enter the new volser, and press PF5 to perform the update.

Listing Reports in an Archive Dataset

▶ To display the list of reports contained in an archive dataset:

1. On the Archive Datasets screen, enter the line command RP next to the appropriate dataset.

If long report and bundle names are displayed by the system (see settings in *System Defaults* and *Adding a User Profile*), the "Reports in Archive Dataset" screen takes the following form:

```

17:57:36          **** ENTIRE OUTPUT MANAGEMENT ****          2007-12-31
User ID XYZ          - Reports in Archive Data Set -

Archive Data Set .... NOM.COND211.NOM0081
Cmd Report          Run-No   ExpDate   OrigExp   Status
-----
___ EOM-ARCHIVER    19519   2005-11-20
___ EOM-ARCHIVER    19520   2005-11-20
___ EOM-ARCHIVER    19521   2005-11-20
___ EOM-ARCHIVER    19523   2005-11-20
___ EOM-ARCHIVER    19524   2005-11-20
___ EOM-ARCHIVER    19525   2005-11-20
___ EOM-ARCHIVER    19567   2005-11-20
___ EOM-ARCHIVER    19568   2005-11-20
___ EOM-ARCHIVER    20286   2005-11-20
___ EOM-REVIVER     19522   2005-11-20
___ EOM-REVIVER     20287   2005-11-20
___ PWR-EMPL-STD3-D 20365   2005-11-20
___ PWR-EMPL-STD3-D 20437   2005-11-20
___ PWR-EMPL-STD3-D 20588   2005-11-20
Top Of Data
Command =>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help      Exit  Flip      -      +      Ext      Menu

```

The names of the reports deleted from active reports are marked with an asterisk (*).

2. With PF9 (Ext), you can toggle to short names display.


Line Commands

Code	Function
DE	Delete report from archive.
MO	Modify expiration date.
RS	Reset expiration date to original value.
RV	Revive report deleted from active reports.

Fields

Field	Explanation
Report	The name of the report archived.
Run-No	Unique number identifying the report.
ExpDate	Expiration date until which the report is to be kept.
OrigExp	Original expiration date until which the report was to be kept (if the original value of ExpDate has been modified or deleted).
Status	Report status.

Modifying the Expiration Date of a Report in an Archive Dataset

 **To modify the expiration data of a report in an archive dataset:**

1. On the "Reports in Archive Dataset" screen, enter MO in the command line next to the report in the dataset you want to modify.

A window containing the following fields is displayed:

Field	Explanation
Report	The report name.
Expiration Date	The current expiration date. This can differ from the original expiration date.
OrigExp Date	This is the first valid expiration date. If the original date has already been modified, the original date appears here and the current expiration date appears in the Expiration Date field.
New Expiration Date	Enter the new expiration date here.

2. Enter a new value in the field New Expiration Date.

Resetting the Expiration Date of a Report in an Archive Dataset

To reset the expiration date of a report in an archive dataset:

- Enter the line command `RS` in the command line next to the dataset to be reset.

The expiration date of the report is reset to the original expiration date.

Deleting a Report from an Archive Dataset

To mark a report in an archive dataset for deletion:

- Enter the line command `DE` in the command line next to the report to be deleted.

A "D" is displayed in the Status column of the report, and the report's expiration date (ExpDate) changes to the current date. Reports marked with "D" are automatically deleted on the following day.

Reviving a Report Deleted from Active Reports

If an archived report was deleted from active reports manually, but not deleted from the archive, the report is marked with a "D" on the "Reports in Archive Dataset" screen. Reports marked with "D" are automatically deleted on the following day.

To revive an archived report deleted from active reports:

1. Reset the report's expiration date with the line command `RS` as described above.
2. Enter `RV` in the command line preceding the report name.

The following window is displayed:


```
+-----+
!       Revive Report From Archive       !
!       UKSJU-REP-001114                 !
!                                         !
!           Revive to                     !
!           S Spool                       !
!           D Data base                   !
!           C Connect                     !
!                                         !
! Select => S                             !
! Bundle => _____                     !
!                                         !
! PF3 Exit                               !
+-----+
```

3. Enter:

- "S" - to revive the report to the SPOOL,
- "D" - for the Entire Output Management database,
- "C" - to revive the report to Con-nect.

The letter you select here then appears on the Active Report List screen (see the section *Active Reports and Folders* in the *User's Guide*) in the R column following the revived report (see also the explanation for the *R column*). The report is marked for the next scheduled reviving (see *Reviving Parameters*). If you enter the name of the bundle the report is added to an open active bundle at revive time. If there is no open active bundle, one is created if a master bundle with the same name exists. If there is no master bundle of the given an error message will be displayed.