



DR/Xpert®

Parameter Reference Guide

Release 2.2.4



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About This Guide

TOPICS COVERED IN THIS CHAPTER

- [Documentation Change History \(page 1-2\)](#)
- [Software Documentation Library \(page 1-4\)](#)
- [Customer Service \(page 1-4\)](#)
- [Problem Reporting Information \(page 1-4\)](#)
- [Cautionary and Notable Items \(page 1-5\)](#)
- [JCL Example Conventions \(page 1-5\)](#)
- [Reference Guide Chapter Summaries \(page 1-5\)](#)

Introduction

This guide provides information on the customization parameters used by the DR/Xpert product.

Documentation Change History

This section lists any notable amendments to the DR/Xpert Parameter Guide.

Date	Revision Description
June 2005	Initial Parameter Guide created.
June 2006	Updated product names and added information on additional features.
May 2007	Updated product name and added information on additional features.
September 2008	Added the following parameters: <ul style="list-style-type: none">• AGGREGATE-GROUP• AGGREGATE-TYPE• DRIVER-CODES• JOB-NAME-SCROLLING-LIMIT• JOB-NAME-CHARS• MAINTENANCE-ACTION-FOR-DELETE• NO-BACKUP-READY-RETURN-CODE• PULLLIST-PAGE-LENGTH• REPEAT-DRIVERS• SCRATCH-BACKUP-PDS• REQUIRED-FILES-IDENTIFIER• SCROLL-JOB-NAMES-FROM
November 2008	The parameter BACKUP-TAPE-DEVICE-TYPE is obsolete. Added the DEFAULTS parameter. Added the following parameters used in DR/Xpert: <ul style="list-style-type: none">• TAPE-RECOVERY-STARTS-FROM• REGISTER-TAPE-BACKUP-PERIOD• REGISTER-DISK-BACKUP-PERIOD• EXPIRE-TAPE-AGGREGATE-WHEN• EXPIRE-DISK-AGGREGATE-WHEN• DISK-RECOVERY-STARTS-FROM

Date	Revision Description
July 2010	<p>Removed the following parameters:</p> <ul style="list-style-type: none"> • HSM-BCDS • RELEASE/VERSION • PTF-LEVEL <p>Added the following parameters:</p> <ul style="list-style-type: none"> • ABARS-BACKUP-LEVEL0 • AGGREGATE-SUFFIX • ARECOVER-DATASETCONFLICT • ARECOVER-MIGRATEDDATA • ARECOVER-SCRATCH-CONFLICT-DATASET • BACKUP-APPLICATION • BACKUP-DFDSS-BLKSIZE • BACKUP-TO-DISK-DATA-CLASS • BACKUP-TO-DISK-MANAGEMENT-CLASS • BACKUP-TO-DISK-SPACE-SECONDARY-HINT • BACKUP-TO-DISK-SPACE-UNIT-TRACK-LIMIT • BACKUP-TO-DISK-STORAGE-CLASS • BACKUP-TO-DISK-UNIT • BACKUP-TO-DISK-UNITS • BACKUP-WHEN-COLLOCATION-CHANGES • BVIR-JOB-NAME • BVIR-JOB-NAME-SCROLLING • BVIR-JOB-NAME-SCROLLING-LIMIT • COLLECT-MAXIMUM-DDNAMES • CYCLE-IDENTIFIER • DELETE_WAIT_PERIOD • DFDSS-OVERRIDE • DYNAMIC-ALLOCATION-BVIRVSAM-DATASET-NAME-PREFIX • DYNAMIC-ALLOCATION-BVIRVSAM-DATA-VOLSER • DYNAMIC-ALLOCATION-BVIRVSAM-INDEX-VOLSER • DYNAMIC-ALLOCATION-VDRVSAM-DATASET-NAME-PREFIX • HSM-REPORT-DATASET-MISSING-FROM-MCDS • MAX-INPUT-DDNAMES-FOR-TAPECOPY-DRIVER • MAXIMUM-ACCEPTABLE-BVIR-DB-AGE-IN-DAYS • MAXIMUM-HSM-RECALLS-PER-JOB • ONLINE-DATABASE • SUSPENSE-FILE-RETENTION • THRESHOLD-PERCENTAGE-OF-ORIGINAL-BACKUP-SIZE • USE-PRODRULE • VDR-SUPPORTS-FAST-TABLE-LOOKUP

Date	Revision Description
April 2012	Updated release number

Software Documentation Library

This documentation can also be found online on the OpenTech Systems Technical Support web site (<http://www.opentechsystems.com/support.php>). Registration is required to access the web site.

All documents in the OpenTech Systems Software Documentation Library are in PDF format and can be read using Adobe Acrobat Reader. Acrobat Reader can be downloaded free at:

<http://www.adobe.com/acrobat>.

Customer Service

OpenTech Systems' Technical Support can be reached:

- By Phone: 469-635-1500
- By Fax: 469-635-1507
- By Email: support@opentechsystems.com

Normal business hours are Monday through Friday from 8:30 a.m. to 5:00 p.m., Central Standard Time. However, user assistance is available 24 hours a day, 7 days a week.

After hours support can be reached by calling 469-635-1500 and leaving a message. When leaving a message, please specify whether your support request is urgent. If it is urgent, a Technical Support representative will contact you immediately. If it is not urgent, you will be contacted the following business day.

International customers should contact their local distributor in the event that they encounter problems with an OpenTech Systems product.

Problem Reporting Information

In order for Technical Support to research any problems you may have with DR/Xpert, please have the following information available:

- Product release, version and PTF level
- OS/390 or z/OS release number
- JCL that was submitted
- Job output and dump, if generated
- Any error message codes
- Any other information you think may be important to understanding the problem

Cautionary and Notable Items

The alert statements—**Note**, **Caution**, and **Warning**—are formatted in the following styles:



Note This symbol appears in the margin next to items that should be given special consideration. Understand these items completely before continuing with the installation and customization process.



Caution Advises of important information, such machine or data error that could occur should the user fail to take or avoid a specified action.



Note This symbol appears next to items that offer information about the use of this software or that describe differences between this and previous releases.

JCL Example Conventions

This guide and the DR/Xpert product libraries contain JCL and control statement examples. Please keep in mind that these examples may not be appropriate for every environment. Most of these examples will require some modification before they will function properly in your specific environment.

Reference Guide Chapter Summaries

The Parameter Guide consists of the following chapters:

Chapter 1, “About This Guide” – This section provides an amendment history of the manual, customer service contact information and problem reporting tips.

[Chapter 2, “Parameter Hierarchy”](#) – This section explains PGMSETS, DEFAULTS and USERSETS relationship and how DR/Xpert uses the parameter values from these sources.

[Chapter 3, “Parameters”](#) – This section lists all of the DR/Xpert parameters, default values, possible user values and related parameters.

2

Parameter Hierarchy

TOPICS COVERED IN THIS CHAPTER

[DEFAULTS, USERSETS and PGMSETS \(page 2-2\)](#)

[Parameter Summary Report \(page 2-2\)](#)

DEFAULTS, USERSETS and PGMSETS

DR/Xpert is a parameter driven product. During each DR/Xpert job, DR/Xpert merges input parameters from three potential sources to obtain the parameters that will control the execution of the job.

All available DR/Xpert parameters are listed with their descriptions in this Parameter Reference Guide.

The three sources of input parameters are:

- **PGMSETS** - either a DD statement in the JCL, or read from the *PGMSETS* member of the DR/Xpert PARMLIB. These values override the USERSETS and DEFAULTS values.
- **USERSETS** - a member in the DR/Xpert PARMLIB that is used to make parameter updates to override the factory settings (DEFAULTS). The parameters added to USERSETS are generally ones that are common to each DR/Xpert job run and would not change often. Frequently modified parameters should be updated through the PGMSETS DD.
- **DEFAULTS** - the factory defaults are now contained in a load module, the contents of which are documented in [Chapter 3, "Parameters"](#) and displayed in the Parameter Summary Report produced when this product's programs are executed.

Logically, parameter values are taken from the first source (PGMSETS, USERSETS, or DEFAULTS) in which they are found.

The format of the parameters and parameter values in PGMSETS, USERSETS, and DEFAULTS is the same.

Parameter Summary Report

Each DR/Xpert batch job step produces a Parameter Summary Report that lists every DR/Xpert parameter, the value of that parameter for that job step, and the source of the parameter value - PGMSETS, USERSETS, or DEFAULTS and from which dataset the value was generated. Use the Parameter Summary Report to determine what parameter values were used for a particular DR/Xpert batch job. The Parameter Summary Report is written to the PARMSUMM DD statement.

The value of the *PARAMETER-SUMMARY-REPORT* parameter determines if DR/Xpert produces a Parameter Summary Report. The default value of the *PARAMETER-SUMMARY-REPORT* parameter is YES.

```

REL x.x.x PTF x                                D R / X P E R T                                PROGRAM
OTCDC0110

DATE:      mm/dd/yyyy      TIME:      hh:mm:ss      PARAMETER SUMMARY REPORT FOR OPENTECH_SYSTEMS,_INC.
PAGE      1

MEMBER: USERSETS WAS READ FROM DDNAME/DSN: OTSCLM.PROD.XXPRMLIB
MEMBER: PGMSETS WAS READ FROM DDNAME/DSN: PGMSETS
PARAMETER NAME-----+ SOURCE--+ EXECUTION TIME VALUE-----+
AAUTO-INCLUDE-ALL-CYCLES                DEFAULTS NO
ABEND-VOLSER/SLOT-TRANSLATION-ERROR     DEFAULTS YES
ACCOUNT-NUMBER-LOCATION                   DEFAULTS NONE
ACTIVE-ACS-SELECTION-TABLE               DEFAULTS ACSTABLE
ACTIVE-CO-LOCATION-TABLE                   DEFAULTS NONE
ACTIVE-NEWNAME-TABLE                     DEFAULTS NEWNAME
ACTIVE-PERIOD-DEFAULT-INDAYS             DEFAULTS 5
ADVR-ROUTING-FILE-NAME                   DEFAULTS NONE
ADVR-RECALL-DELAY-IN-MB-PER-SECOND      DEFAULTS 10
ALLOCATE-LARGE-WORK-FILES-AS             DEFAULTS DASD
ALLOW-MISSING-INPUT-DATASET-VOLUME      DEFAULTS NO
ALLOW-NULL-RECFM-FOR-LABELED-TAPES      DEFAULTS NO
ALLOW-REBLOCKING-OF-UNBLOCKED-FILES     DEFAULTS NO
ALLOW-STACKING-WITHOUT-STACK-CNTL-FILE   USERSETS YES

```

Figure 2-1 Sample Parameter Summary Report

3 Parameters

TOPICS COVERED IN THIS CHAPTER

[Introduction \(page 3-2\)](#)

[Parameters Utilized by DR/Xpert \(page 3-2\)](#)

[Parameters Used Only for Utility Program Compatibility and Obsolete Parameters \(page 3-107\)](#)

Introduction

This chapter contains the names and definitions for all parameters used in the DR/Xpert product. In some cases a parameter may only apply to users with a certain job scheduling package or product option and it will be noted as such in the parameter description.

At the end of this chapter is a list of parameters that are listed in the DEFAULTS member as shipped by OpenTech Systems even though these parameters are not utilized by the DR/Xpert product.



Warning The parameters in the “Parameters Used Only for Utility Program Compatibility and Obsolete Parameters” list must not be removed from DEFAULTS, or removed or overridden in any way.

Parameters Utilized by DR/Xpert

The parameters on the following pages are used by DR/Xpert. Their values can be overridden using the USERSETS member of the DR/Xpert PARMLIB, if necessary.



Note The parameters in this section are listed alphabetically.

ABARS-BACKUP-LEVEL0

ABARS-BACKUP-LEVEL0 is used by the ABARS driver. When this parameter is set to YES, datasets assigned to the ABARS driver are backed up even when they currently reside on ML0. When this option is set to NO, the ABARS driver will bypass files that are on ML0.

If the data center wants to use the ABARS driver for migrated datasets only (ML1 and ML2), set this option to NO so that the files that reside on ML0 are bypassed. OpenTech believes that the application for ABARS-BACKUP-LEVEL0 set to NO is very specialized and recommends specifying YES. The default value YES reduces the exposure to data location caused by HSM recalls.

Related Parameters: ARECOVER-DATASETCONFLICT
 ARECOVER-MIGRATEDDATA

Valid Settings: YES or NO

Default Setting: YES

ABARS-CONTROL-DATASET

This parameter is used by DR/Xpert's ABARS driver to find information related to ABARS backups. If the ABARS driver is used, this parameter refers to HSM's BCDS.

Related Parameters:	HSM-LOG-PREFIX HSM-UID-PREFIX
Valid Settings:	NONE or a valid HSM.BCDS dataset.
Default Setting:	NONE

ABEND-IF-CC-EXCEEDS

This parameter is used to specify the maximum allowable condition code that will be considered acceptable until an abend is issued. Any condition code higher than the one specified in this parameter will cause the job step to abend.

Related Parameters:	NONE
Valid Settings:	Any four-digit number
Default Setting:	9999



Note While the default (DEFAULTS) value of this parameter is "999", OpenTech Systems has added this parameter to USERSETS with a value of "4" for all new installations.

ACTIVE-NEWNAME-TABLE

This parameter identifies which dataset newname pattern member in the DR/Xpert PARMLIB library to use for tape-to-tape dataset backups.

Related Parameters:	PROTECT-LAST-17-CHARACTERS-OF-DSNAME
Valid Settings:	Any valid DR/Xpert PARMLIB library member name
Default Setting:	NEWNAUTO

ADVR-RECALL-DELAY-IN-MB-PER-SECOND

This parameter identifies the delay (in megabytes per second) the Tape/Copy Engine/ADVR interface is to apply to each recall request submitted to the Advanced Recall Manager.

Related Parameters:	NONE
Valid Settings:	0 - do not apply a delay 1-998 number of seconds to delay 999 - do not apply a delay
Default Setting:	10

ADVR-ROUTING-FILE-NAME

This parameter is used to specify the name of the ADVR (Advanced Recall Manager) routing file that Tape/Copy engine should use to identify the ADVR instance when USE-ADVR-INTERFACE is set to YES.

Related Parameters:	USE-ADVR-INTERFACE
Valid Settings:	NONE - Advanced Recall interface is not in use Any valid Advanced Recall routing file name
Default Setting:	NONE

This parameter supports the use of system symbolics. See Using Symbolics??? in Tape/Copy Dataset Names for more information.

AGE-MIGRATED-READ-ONLY-FILE

This parameter is used in the context of forcing backups for read-only files in order to consolidate them into fewer physical backups, thus, improving tape utilization.

You would use this parameter if you decided that restoring datasets from archive (in order to consolidate read-only files) is too costly in terms of time resources. This parameter prevents migrated files from being considered for this consolidation.

Related Parameters:	READ-ONLY-AGEING-DAYS READ-ONLY-SIZE-THRESHOLD
Valid Settings:	YES -Restore migrated files that meet the criteria for read-only file consolidation NO -Do not restore migrated files that meet criteria for read-only file consolidations
Default Setting:	NO

AGGREGATE-GROUP

This parameter is used to identify the backup group that will be assigned to backup JCL. This parameter is typically generated by DR/Xpert's phase-1 backup JOB Stream and stored in a JCL PDS managed by DR/Xpert.

AGGREGATE-GROUP is reserved for future development and is not yet implemented.

Related Parameters:	None
Valid Settings:	None
Default Setting:	UNKNOWN

AGGREGATE-IDENTIFIER

This parameter tells DR/Xpert whether to automatically assign a four-digit number as the aggregate identifier (AUTO), or specify the final aggregate (9999).

Related Parameters:	BACKUP-IDENTIFIER
Valid Settings:	AUTO - DR/Xpert will automatically choose an aggregate number 9999 - DR/Xpert's final aggregate
Default Setting:	AUTO



Note The value setting of "AUTO" is for JCLLIB members:

- OTCDBSWP
- OTCDOTAL
- OTCDBONL

PARMLIB member listed below specifies this parameter as 'AUTO':

- OTCDBA01
- OTCDOA99

PARMLIB members listed below specify this parameter as '9999':

- OTCDBA99
 - OTCDOA99
-

AGGREGATE-SUFFIX

The AGGREGATE-SUFFIX control statement is used as control card input by the recovery driver; thus it appears in the PGMSETS DD-statement. It identifies information specific to an aggregate recovery. The parameter is generated by the Recovery JCL generator job stream and its value specifically corresponds to the values for CYCLE-IDENTIFIER and AGGREGATE-IDENTIFIER keywords.

Related Parameters: CYCLE- IDENTIFIER
AGGREGATE-IDENTIFIER

Valid Settings: Exactly eight characters, must match the last eight characters of the aggregate dataset from which the restore is made.

Default Setting: NONE0001



Caution Changing this parameter incorrectly could cause failure to accurately record the completion of an aggregate's recovery.

AGGREGATE-TYPE

This parameter is used to identify the type of backup that will be assigned to backup JCL. This parameter is generated by DR/Xpert's phase-1 backup JOB Stream and stored in a JCL PDS managed by DR/Xpert.

DR/Xpert will use this parameter to find backup work to be serviced by a particular driver. For example, a backup driver with DFDSS coded as AGGREGATE-TYPE will look for aggregates earmarked for DFDSS and service them.

Related Parameters: None

Valid Settings: An eight character string matching one of DR/Xpert driver names (DFDSS, DSSDISK, CRYPTDSS, TAPECOPY, TAPEASIS, ABARS, VDR, DMS, RECALL).

Default Setting: UNKNOWN

APPLICATION-HASH-TABLE-SIZE

This parameter determines the index size for hash tables inside DR/Xpert routines.

Related Parameters: None

Valid Settings: Numeric value

Default Setting: 1023

ARCHIVE-RECALL-ACTION

This parameter describes the action taken when a DR/Xpert backup driver unexpectedly discovers that a dataset it plans to backup is on an archive volume.

The purpose of this parameter is to deal with datasets that are migrated between the time DR/Xpert assigns datasets to an aggregate and the process of the aggregate backup. OpenTech Systems recommends that the customer avoid this window by scheduling large-scale migration before or after "final" disk backups are being performed.

Related Parameters:

Valid Settings: RECALL—dataset is recalled
 NONE—dataset is not recalled

Default Setting: RECALL



Note

- If you do not plan to use ABARS, specify RECALL.
 - If you plan to use ABARS exclusively to backup disk datasets (including migration level-0), the value for this keyword does not matter.
 - If you plan to mix drivers where ABARS will be used to backup migrated files and DFDSS (or other drivers) will be used to backup non-migrated files, use NONE to prevent a file from being recalled before the DFDSS driver invokes DFDSS; however, the backup will be postponed until later.
 - Use NONE when policy is to never recall datasets; use RECALL if backing up the data is more important than scheduling later backups. Under these circumstances, the backup is postponed until another backup sweep is performed.
 - Note that the datasets that were assigned to the ABARS driver are not affected by this parameter; thus, datasets that were identified by the phase-1 backup job for the ABARS driver will never be recalled.
 - The CRYPTDSS driver will always recall migrated files because OpenTech Systems' encryption product does not interface with ABARS. The file must be recalled to effect software encryption.
-

ARECOVER-DATASETCONFLICT

ARECOVER-DATASETCONFLICT pertains to recovery processing using DR/Xpert's ABARS driver. This DR/Xpert parameter corresponds to the value passed in ARECOVER's DATASETCONFLICT parameter.

ABARS uses this parameter's value to control the default action ABARS will take when a data file (of the same name) exists at the recovery system. The choices are to IGNORE (that is, retain the preexistent file); or REPLACE the existing file with a new one from the ABARS backup tape.

The ARECOVER command and its DATASETCONFLICT parameters are described in DFSMS Storage Administration Reference, an IBM manual.

Related Parameters:	ARECOVER-MIGRATEDDATA ARECOVER-SCRATCH-CONFLICT-DATASET
Valid Settings:	REPLACE IGNORE
Default Setting:	REPLACE

ARECOVER-MIGRATEDDATA

ARECOVER-MIGRATEDDATA pertains to recovery processing using DR/Xpert's ABARS driver. This DR/Xpert parameter corresponds to the value passed in ARECOVER's MIGRATEDDATA parameter.

ABARS uses this parameter to control the destination upon which it will recover datasets. Change this parameter depending on the HSM resources available at your disaster recovery center. The choices are ML1, ML2, or based on the source for each data file's origin.

The ARECOVER command and its MIGRATEDDATA parameters are described in DFSMS Storage Administration Reference, an IBM manual.

Related Parameters:	ARECOVER-DATASETCONFLICT ARECOVER-SCRATCH-CONFLICT-DATASET
Valid Settings:	ML1 ML2 SOURCELEVEL
Default Setting:	SOURCELEVEL

ARECOVER-SCRATCH-CONFLICT-DATASET

DR/Xpert provides ARECOVER-SCRATCH-CONFLICT-DATASET to control whether DR/Xpert will delete existing (ABARS) aggregate's conflict dataset prior to ARECOVER processing.

DR/Xpert design supersedes the need for a conflict dataset; however, this parameter will preserve the conflict dataset before running ARECOVER. Set this keyword to NO if you want to edit the conflict dataset and cause ABARS to bypass recovery for specific datasets.

Related Parameters: ARECOVER-DATASETCONFLICT
ARECOVER-MIGRATEDDATA

Valid Settings: YES or NO

Default Setting: YES

AT-THRESHOLD-CREATE

This parameter directs DR/Xpert's started task to create a dataset when a job trigger threshold is satisfied. DR/Xpert uses the value of this parameter as the dataset name. If the dataset already exists, it is deleted and reallocated. The dataset will be an empty dataset, one track in size with a record size of 80.

You would use this parameter if you have a scheduling product that responds to the creation of a dataset as an event and can trigger work from that event. If you want to backup files as early as possible, you can have your scheduling product submit DR/Xpert's phase-1 aggregate job stream when this dataset is created.

Related Parameters: AT-THRESHOLD-MESSAGE
AT-THRESHOLD-SUBMIT
TRIGGER-BACKUP-ON-FILE-SIZE

Valid Settings: If "NONE" is specified, this feature is not used.
Otherwise, specify a valid dataset name

Default Setting: NONE



Note This parameter is used by the DR/Xpert started task.

AT-THRESHOLD-MESSAGE

This parameter directs DR/Xpert's started task to issue a WRITE-TO-OPERATOR (WTO) when a job trigger threshold is satisfied. The text of the WTO is found in a member of DR/Xpert's parameter library where the member name is the value of this parameter.

You would use this parameter if you have a scheduling product that responds to a WTO message as an event and can trigger work from that event. If you want to backup files as early as possible, you can initiate DR/Xpert's phase-1 aggregate job stream when this WTO is issued.

Related Parameters: AT-THRESHOLD-SUBMIT
TRIGGER-BACKUP-ON-FILE-SIZE
The CRYPTDSS driver will always recall migrated files because OpenTech Systems' encryption product does not interface with ABARS. The file must be recalled to effect software encryption.

Valid Settings: If "NONE" is specified, this feature is not used.
Otherwise, specify a valid DR/Xpert PARMLIB member.
PARMLIB member WTOAGGOK is provided as an example and contains the instructions for creating WTO message members.

Default Setting: NONE



Note This parameter is used by the DR/Xpert started task.

AT-THRESHOLD-SUBMIT

This parameter directs DR/Xpert's started task to submit a job when a job trigger threshold is satisfied. You would use this parameter to submit DR/Xpert's aggregate phase-1 job stream to begin backup for a set of files.

Related Parameters: AT-THRESHOLD-MESSAGE
TRIGGER-BACKUP-ON-FILE-SIZE
The CRYPTDSS driver will always recall migrated files because OpenTech Systems' encryption product does not interface with ABARS. The file must be recalled to effect software encryption.

Valid Settings: If "NONE" is specified, this feature is not used.
Any valid DR/Xpert PARMLIB member.
DR/Xpert's PARMLIB contains a member, OTCDBA01, that is a working example of DR/Xpert's phase-1 aggregate job stream.

Default Setting: NONE



Note This parameter is used by the DR/Xpert started task.

BACKUP-APPLICATION

The BACKUP-APPLICATION keyword identifies either the application name string or where to find a list of application names. In the former case, the value can have up to 66 characters; in the latter case, it represents a DDNAME containing a list of application names.

This keyword is used by the application sweep JCL member (APPLEND) and is likely used as a PGMSETS parameter.

Application Name Specification

When the value is an application name, the application name should be known to DR/Xpert; otherwise, the APPLEND job stream will abort. The name may contain wildcard characters; in which case, more than one application can be selected for backup.

DDNAME Specification

This parameter has a special designation to identify its value as a DDNAME. If the first character of the value is a greater than sign (>), DR/Xpert will look inside the dataset specified as the DD for a list of application names.

The coding rules for a dataset with an application list are as follows:

- 1 The record length must be 80.

- 2 There may be one application name per line, if more than one string appears on a line; the second string is treated as comments.
- 3 The application name may contain wildcard characters.
- 4 An asterisk in column 1 is considered a comment.

Related Parameters: None

Valid Settings: A valid application name
A valid DDNAME when a one to eight character string is preceded by a greater than sign (>)
ALL indicates all applications are selected.

Default Setting: ALL

BACKUP-DFDSS-BLKSIZE

DR/Xpert allocates and overrides the backup block size for the DFSMSdss backup dataset using this parameter.

Customers who plan to copy a DFDSS backup residing on tape to disk before executing recovery will want to use this parameter. Using half-track blocking or 32 K blocking allows the backup file to be compatible as a disk file.

Customers who plan to use the DSSDISK driver should not specify this parameter because DFSMSdss will optimize the block size for the backup files on disk.

Zero (0) for this parameter causes DFSMSdss to make its choice for the block size. Zero is the recommended value.

Related Parameters: None

Valid Settings: A valid block size, not to exceed 32760
0 (zero)

Default Setting: 0 (zero)

BACKUP-FILES-ON-MIRRORED-VOLUMES

This parameter is used to determine whether DR/Xpert will backup, or bypass, critical files residing on mirrored DASD devices. The purpose of this parameter is to affect backup when mirrored devices provide local redundancy of data as opposed to devices that are remotely mirrored. This parameter is based on the premise that local redundancy provides only device recovery and does not provide any means of recovery in case of a location-wide disaster.

Related Parameters: None

Valid Settings: **Y** - Yes, critical data on mirrored devices should be backed up by DR/Xpert.
N - No, DR/Xpert should not back up critical data that resides on mirrored devices.

Default Setting: Y



Note Mirrored devices are defined in the MIRRORED member of the DR/Xpert PARMLIB.

BACKUP-IDENTIFIER

This parameter identifies the major category in DR/Xpert analysis and backup operation: backup for "online" and "batch". DR/Xpert separates these two backup types because of the different ways they are handled from a scheduling perspective.

Specify this parameter based on the environment you want to affect relative to DR/Xpert utilities and job streams.

Related Parameters: ABEND-IF-CC-EXCEEDS
AGGREGATE-GROUP

Valid Settings: B - Batch
O - Online

Default Setting: B



Note This parameter is used during all backup and recovery functions.

BACKUP-MEDIA-TYPE

This parameter describes the media type for DR/Xpert backup files.

Related Parameters: DUPLEX-MEDIA-TYPE
 RECOVERY-MEDIA-TYPE

Valid Settings: Any device found in the IOCNTLTB member of PARMLIB

Default Setting: 3490



Note This parameter is used during backup and recovery functions.

BACKUP-TAPE-SIZE-OBJECTIVE

This parameter specifies a threshold for completing an aggregate and beginning a new one. When the sum of the dataset sizes for datasets ready for backup reach this threshold, DR/Xpert will begin a new aggregate.

Related Parameters: BACKUP-MEDIA-TYPE
 ABEND-IF-CC-EXCEEDS

Valid Settings: This parameter is specified in units of megabytes, gigabytes, or a percentage of a tape device's capacity.

If this parameter is specified in megabytes, use 1 to 4 digits followed by MB with no spaces between the digits and MB. For example, 125MB.

Similarly, if this parameter is specified in gigabytes, use 1 to 4 digits followed by GB. For example, 60GB.

If this parameter is specified a percentage capacity of a tape device, use 1 to 2 digits followed by a percent sign, without intervening spaces. For example, 50%.

If a percentage is used, DR/Xpert uses the BACKUP-TAPE-SIZE-OBJECTIVE parameter to determine the device. The TAPENAME member in DR/Xpert's parameter library contains the tape device's size characteristics. The size is compared to the device's logical size as opposed to its physical size, that is, DR/Xpert applies the compaction ratio from TAPENAME when accumulating file sizes and comparing the summary size to the threshold. So if you specify 50% for this parameter, DR/Xpert's will assume 50% after compaction.

Default Setting: 400MB



Note This parameter is used during backup and recovery functions.

BACKUP-TO-DISK-DATA-CLASS

This keyword pertains to the DSSDISK driver and causes DR/Xpert to supply the DATACLAS parameter when allocating a disk backup file for DFSMSdss.

This parameter is not used outside the DSSDISK driver and is used when you want to override DATACLAS assigned by ACS rules.

Related Parameters: BACKUP-TO-DISK-MANAGEMENT-CLASS
 BACKUP-TO-DISK-STORAGE-CLASS
 BACKUP-TO-DISK-SPACE-UNIT-TRACK-LIMIT
 BACKUP-TO-DISK-UNIT
 BACKUP-TO-DISK-UNITS

Valid Settings: A valid DATACLAS
 NONE will cause DR/Xpert to ignore DATACLAS

Default Setting: NONE

BACKUP-TO-DISK-MANAGEMENT-CLASS

This keyword pertains to the DSSDISK driver and causes DR/Xpert to supply the MGMTCLAS parameter when allocating a disk backup file for DFSMSdss.

This parameter is not used outside the DSSDISK driver and is used when you want to override the MGMTCLAS assigned by ACS rules.

Related Parameters: BACKUP-TO-DISK-DATA-CLASS
 BACKUP-TO-DISK-STORAGE-CLASS
 BACKUP-TO-DISK-SPACE-UNIT-TRACK-LIMIT
 BACKUP-TO-DISK-UNIT
 BACKUP-TO-DISK-UNITS

Valid Settings: A valid STORCLAS
 NONE will cause DR/Xpert to ignore MGMTCLAS

Default Setting: NONE

BACKUP-TO-DISK-SPACE-SECONDARY-HINT

BACKUP-TO-DISK-SPACE-SECONDARY-HINT is applicable to the DSSDISK driver; thus, the DFDSS output file will go to disk rather than tape. The purpose of this keyword is to control the size of secondary allocation for the DFDSS output, making it a percentage of the primary allocation.

The primary allocation is a calculated size based on the input population. The secondary allocation calculation uses BACKUP-TO-DISK-SPACE-SECONDARY-HINT as a percentage of the primary.

Related Parameters: BACKUP-TO-DISK-SPACE-UNIT-TRACK-LIMIT

Valid Settings: 0 to 100

Default Setting: 25

BACKUP-TO-DISK-SPACE-UNIT-TRACK-LIMIT

This keyword pertains to using the DSSDISK driver and when used, the primary and secondary track allocations for the DFSMSdss disk backup file will not exceed this value. For example, if the value of this parameter is 25, then the allocation is effectively:

SPACE= (TRK, (25, 25) , RLSE)

This parameter will have a proportionally corresponding effect on the number of units used for output. Because DR/Xpert knows the number kilobytes needed for the output file, reducing the track limit may increase the unit count to satisfy the allocation.

Related Parameters: BACKUP-TO-DISK-DATA-CLASS
 BACKUP-TO-DISK-MANAGEMENT-CLASS
 BACKUP-TO-DISK-STORAGE-CLASS
 BACKUP-TO-DISK-UNIT
 BACKUP-TO-DISK-UNITS

Valid Settings: A valid numeric track allocation

Default Setting: 2147483647

BACKUP-TO-DISK-STORAGE-CLASS

This keyword pertains to the DSSDISK driver and causes DR/Xpert to supply the STORCLAS parameter when allocating a disk backup file for DFSMSdss.

This parameter is not used outside the DSSDISK driver and is used when you want to override STORCLAS assignment by ACS rules.

Related Parameters: BACKUP-TO-DISK-DATA-CLASS
 BACKUP-TO-DISK-MANAGEMENT-CLASS
 BACKUP-TO-DISK-SPACE-UNIT-TRACK-LIMIT
 BACKUP-TO-DISK-UNIT
 BACKUP-TO-DISK-UNITS

Valid Settings: A valid STORCLAS
 NONE will cause DR/Xpert to ignore STORCLAS

Default Setting: NONE

BACKUP-TO-DISK-UNIT

DR/Xpert uses this keyword with the DSSDISK driver to provide a unit parameter when allocating a disk backup file for DFSMSdss.

Related Parameters: BACKUP-TO-DISK-DATA-CLASS
 BACKUP-TO-DISK-MANAGEMENT-CLASS
 BACKUP-TO-DISK-STORAGE-CLASS
 BACKUP-TO-DISK-SPACE-UNIT-TRACK-LIMIT
 BACKUP-TO-DISK-UNITS

Valid Settings: A valid UNIT value for your data center

Default Setting: SYSDA

BACKUP-TO-DISK-UNITS

DR/Xpert uses this keyword with the DSSDISK driver to provide the number of units when allocating a disk backup file for DFSMSdss.

Related Parameters: BACKUP-TO-DISK-DATA-CLASS
 BACKUP-TO-DISK-MANAGEMENT-CLASS
 BACKUP-TO-DISK-STORAGE-CLASS
 BACKUP-TO-DISK-SPACE-UNIT-TRACK-LIMIT
 BACKUP-TO-DISK-UNIT

Valid Settings: numeric

Default Setting: 1

BACKUP-WHEN-COLLOCATION-CHANGES

BACKUP-WHEN-COLLOCATION-CHANGES cause DR/Xpert to back up a dataset when the file's location changes due to collocation rules. See description of COLOCTBL member in DR/Xpert User Guide.

This parameter is very specialized and is not useful for most backup environments. However, DR/Xpert can schedule backups for files when the DR/Xpert's sweep job determines that a new driver could be used.

A case where this parameter is useful is when HSM either archives or recalls a dataset since its last backup. The sweep job could recognize that the driver would be ABARS instead of DFDSS. The existing backup is still good; but the location of the backup, ABARS versus DFDSS, could be important to some installations.

Related Parameters: NONE

Valid Settings: YES -backup the file if any part of the collocation string changes.
 NO – no backup is performed
 DRIVER – backup file if new driver is employed

Default Setting: NO

BATCH-INIT-BACKUP-REQUEST-QUEUE-SLOTS

This parameter is a five-digit number that describes the number of elements in the batch backup queue. This parameter relates directly to an IDCAMS RECORDS keyword when defining an ESDS dataset for BKPQUEUE.

Related Parameters: DYNAMIC-ALLOCATION-VSAM-DATASET-NAME-PREFIX
DYNAMIC-ALLOCATION-VSAM-DATA-VOLSER
DYNAMIC-ALLOCATION-VSAM-INDEX-VOLSER
BATCH-INIT-CYCLENO-OFFSET
BATCH-INIT-DATABASE-PRIMARY-TRACKS
BATCH-INIT-DATABASE-SECONDARY-TRACKS
BATCH-INIT-DEFAULT-PATTERN-GENERATIONS
BATCH-INIT-ENQ-BKPDATABASE-RNAME
BATCH-INIT-ENQ-BKPQUEUE-RNAME
BATCH-INIT-ENQ-QUEUE-NAME
BATCH-INIT-READONLY-DEFAULT-DUMP-TIME
BATCH-INIT-SYNCPOINT-NUMBER

Valid Settings: 1 to 5 numeric digits

Default Setting: 20000

BATCH-INIT-CYCLENO-OFFSET

This parameter is the initial value for the backup cycle ID and it is placed in the backup database during when initializing the backup database.

This value should be the same as for the BATCH-INIT-SYNCPOINT-NUMBER.

Related Parameters: BATCH-INIT-BACKUP-REQUEST-QUEUE-SLOTS
BATCH-INIT-DATABASE-PRIMARY-TRACKS
BATCH-INIT-DATABASE-SECONDARY-TRACKS
BATCH-INIT-DEFAULT-PATTERN-GENERATIONS
BATCH-INIT-ENQ-BKPDATABASE-RNAME
BATCH-INIT-ENQ-BKPQUEUE-RNAME
BATCH-INIT-ENQ-QUEUE-NAME
BATCH-INIT-READONLY-DEFAULT-DUMP-TIME
BATCH-INIT-SYNCPOINT-NUMBER

Valid Settings: 1 to 5 numeric digits

Default Setting: 1 (recommended)

BATCH-INIT-DATABASE-PRIMARY-TRACKS

This parameter is a five-digit number that describes the primary track allocation for the batch backup database. It is used in the creation of DR/Xpert's BKPDBASE file as a VSAM dataset.

Related Parameters: BATCH-INIT-BACKUP-REQUEST-QUEUE-SLOTS
BATCH-INIT-CYCLENO-OFFSET
BATCH-INIT-DATABASE-SECONDARY-TRACKS
BATCH-INIT-DEFAULT-PATTERN-GENERATIONS
BATCH-INIT-ENQ-BKPDBASE-RNAME
BATCH-INIT-ENQ-BKPQUEUE-RNAME
BATCH-INIT-ENQ-QUEUE-NAME
BATCH-INIT-READONLY-DEFAULT-DUMP-TIME
BATCH-INIT-SYNCPOINT-NUMBER
DYNAMIC-ALLOCATION-VSAM-DATASET-NAME-PREFIX
DYNAMIC-ALLOCATION-VSAM-DATA-VOLSER
DYNAMIC-ALLOCATION-VSAM-INDEX-VOLSER

Valid Settings: Numeric, 1 to 5 digits

Default Setting: 300

BATCH-INIT-DATABASE-SECONDARY-TRACKS

This parameter is a five-digit number that describes the secondary track allocation for the batch backup database. It is used in the creation of DR/Xpert's BKPDBASE file as a VSAM dataset.

Related Parameters: BATCH-INIT-BACKUP-REQUEST-QUEUE-SLOTS
BATCH-INIT-CYCLENO-OFFSET
BATCH-INIT-DATABASE-PRIMARY-TRACKS
BATCH-INIT-DEFAULT-PATTERN-GENERATIONS
BATCH-INIT-ENQ-BKPDBASE-RNAME
BATCH-INIT-ENQ-BKPQUEUE-RNAME
BATCH-INIT-ENQ-QUEUE-NAME
BATCH-INIT-READONLY-DEFAULT-DUMP-TIME
BATCH-INIT-SYNCPOINT-NUMBER
DYNAMIC-ALLOCATION-VSAM-DATASET-NAME-PREFIX
DYNAMIC-ALLOCATION-VSAM-DATA-VOLSER
DYNAMIC-ALLOCATION-VSAM-INDEX-VOLSER

Valid Settings: Numeric, 1 to 5 digits

Default Setting: 300

BATCH-INIT-DEFAULT-PATTERN-GENERATIONS

This parameter is a three-digit number that determines how many datasets are backed up relative to a generic dataset name pattern or a generation data group.

When this parameter is applied to a dataset using a pattern, the datasets selected for backup fall within a catalog lookup using a wildcard pattern. The catalog lookup returns discrete datasets that satisfy the wildcard pattern along with the dataset's creation date. The datasets are selected for backup from newest to oldest and are limited by the number of days specified by this parameter.

When this parameter is applied to generation datasets, the datasets selected for backup fall in order from the highest to least relative generation number. To be exact, DR/Xpert passes DFSMSdss relative generation numbers beginning with (-000) through (-nnn) until this parameter is satisfied. Therefore, the datasets are selected for backup are limited by the number of generations specified by this parameter. The specific selection of datasets is according to DFSMSdss's specific interpretation of this relative number.

For example, if BATCH-INIT-DEFAULT-PATTERN-GENERATIONS is set to 3 and DR/Xpert encounters a generation dataset, it will backup the three newest datasets. If DR/Xpert encounters a pattern dataset, it will backup all datasets falling within three days using that pattern.

Related Parameters: BATCH-INIT-BACKUP-REQUEST-QUEUE-SLOTS
BATCH-INIT-CYCLENO-OFFSET
BATCH-INIT-DATABASE-PRIMARY-TRACKS
BATCH-INIT-DATABASE-SECONDARY-TRACKS
BATCH-INIT-ENQ-BKPDATABASE-RNAME
BATCH-INIT-ENQ-BKPQUEUE-RNAME
BATCH-INIT-ENQ-QUEUE-NAME
BATCH-INIT-READONLY-DEFAULT-DUMP-TIME
BATCH-INIT-SYCPPOINT-NUMBER
ONLINE-INIT-DEFAULT-PATTERN-GENERATIONS

Valid Settings: Numeric, 1 to 3 digits

Default Setting: 2



Warning Patterns for datasets can cause unexpected results if there is overlap in dataset names in the positions where the wildcard is. The pattern used in this context is one for IBM's catalog services interface (IGGCSI00). Most users intend for the pattern be a wildcard for date-stamp generated by scheduling product variables. You may encounter other datasets that do not have a date-stamp where the wildcard is. Those datasets will be backed up also unless you exclude them through DR/Xpert's DSNAMES member.

BATCH-INIT-ENQ-BKPDBASE-RNAME

DR/Xpert will use this string to serialize access to the backup database when required. This parameter's value should be different from that of ONLINE-INIT-ENQ-BKPDBASE-RNAME; otherwise, a conflict may result.

Related Parameters: BATCH-INIT-BACKUP-REQUEST-QUEUE-SLOTS
BATCH-INIT-CYCLENO-OFFSET
BATCH-INIT-DATABASE-PRIMARY-TRACKS
BATCH-INIT-DATABASE-SECONDARY-TRACKS
BATCH-INIT-DEFAULT-PATTERN-GENERATIONS
BATCH-INIT-ENQ-BKPQUEUE-RNAME
BATCH-INIT-ENQ-QUEUE-NAME
BATCH-INIT-READONLY-DEFAULT-DUMP-TIME
BATCH-INIT-SYNCPOINT-NUMBER

Valid Settings: Alphabetic, numeric, national characters, and period; maximum 17 characters

Default Setting: BKPDBASE.OTSCPUXB

BATCH-INIT-ENQ-BKPQUEUE-RNAME

DR/Xpert will use this string to serialize access to the backup queue. This parameter's value should be different from that of ONLINE-INIT-ENQ-BKPQUEUE-RNAME, otherwise, a conflict may result.

Related Parameters: BATCH-INIT-BACKUP-REQUEST-QUEUE-SLOTS
BATCH-INIT-CYCLENO-OFFSET
BATCH-INIT-DATABASE-PRIMARY-TRACKS
BATCH-INIT-DATABASE-SECONDARY-TRACKS
BATCH-INIT-DEFAULT-PATTERN-GENERATIONS
BATCH-INIT-ENQ-BKPDBASE-RNAME
BATCH-INIT-ENQ-QUEUE-NAME
BATCH-INIT-READONLY-DEFAULT-DUMP-TIME
BATCH-INIT-SYNCPOINT-NUMBER

Valid Settings: Alphabetic, numeric, national characters, and period; maximum 17 characters.

Default Setting: BKPQUEUE.OTSCPUXB

BATCH-INIT-ENQ-QUEUE-NAME

DR/Xpert will use this string to serialize access to the backup database and backup queue.

Related Parameters: BATCH-INIT-BACKUP-REQUEST-QUEUE-SLOTS
BATCH-INIT-CYCLENO-OFFSET
BATCH-INIT-DATABASE-PRIMARY-TRACKS
BATCH-INIT-DATABASE-SECONDARY-TRACKS
BATCH-INIT-DEFAULT-PATTERN-GENERATIONS
BATCH-INIT-ENQ-BKPDBASE-RNAME
BATCH-INIT-ENQ-BKPQUEUE-RNAME
BATCH-INIT-READONLY-DEFAULT-DUMP-TIME
BATCH-INIT-SYNCPOINT-NUMBER

Valid Settings: Alphabetic, numeric, and national characters; maximum 8 characters.

Default Setting: BKPENQDQ

BATCH-INIT-READONLY-DEFAULT-DUMP-TIME

DR/Xpert uses this parameter as the default time when defining time managed definitions for read-only critical datasets.

Elements of DR/Xpert's time managed backup class are backed up after a specified time-of-day. Aggregate backup jobs will not select time-managed datasets for backup until after the time associated with that file.

Related Parameters: BATCH-INIT-BACKUP-REQUEST-QUEUE-SLOTS
BATCH-INIT-CYCLENO-OFFSET
BATCH-INIT-DATABASE-PRIMARY-TRACKS
BATCH-INIT-DATABASE-SECONDARY-TRACKS
BATCH-INIT-DEFAULT-PATTERN-GENERATIONS
BATCH-INIT-ENQ-BKPDBASE-RNAME
BATCH-INIT-ENQ-BKPQUEUE-RNAME
BATCH-INIT-ENQ-QUEUE-NAME
BATCH-INIT-SYNCPOINT-NUMBER

Valid Settings: 4-digits, hhmm in the format of 24-hour time (0000 2359)

Default Setting: 0359

BATCH-INIT-SYNCPOINT-NUMBER

This parameter is the initial value for the backup synchronization cycle ID and it is placed in the backup database during the backup database initialization process.

This value should be the same as for the BATCH-INIT-CYCLEN-OFFSET.

Related Parameters: BATCH-INIT-BACKUP-REQUEST-QUEUE-SLOTS
BATCH-INIT-CYCLEN-OFFSET
BATCH-INIT-DATABASE-PRIMARY-TRACKS
BATCH-INIT-DATABASE-SECONDARY-TRACKS
BATCH-INIT-DEFAULT-PATTERN-GENERATIONS
BATCH-INIT-ENQ-BKPDBASE-RNAME
BATCH-INIT-ENQ-BKPQUEUE-RNAME
BATCH-INIT-ENQ-QUEUE-NAME
BATCH-INIT-READONLY-DEFAULT-DUMP-TIME

Valid Settings: 1 to 5 numeric digits

Default Setting: 1 (recommended)

BVIR-JOB-NAME

This parameter defines the base job name used when creating the DR/Xpert BVIR UPDATE jobs. The job name specified by this parameter can include a question mark (?) wildcard, which indicates that scrolling the job name is desired. The first position of the pattern job name must be a valid character acceptable to the operating system as the leading character of the job name. All other positions of the job name are scrollable with intermediate characters.

Related Parameters: BVIR-JOB-NAME-SCROLLING
BVIR-JOB-NAME-SCROLLING-LIMIT

Valid Settings: Any valid job name characters and the specification of the job name scrolling character '?' in one or more positions (positions 2-8) of the job name. The existence of question marks in the job name indicates job scrolling is desired.

Default Setting: OT0100??

Examples

A00?02B1

B???0010

Z?T?S??X



Note Specifying a pattern of job name with no scroll characters will result in the pattern job name being used as is.

BVIR-JOB-NAME-SCROLLING

This parameter allows the user to start the BVIR Update job name scrolling beginning with the BVIR job name from the first generated BVIR Update job. This allows the user to continue naming BVIR Update jobs from the last generated BVIR Update job name.

Related Parameters: BVIR-JOB-NAME
BVIR-JOB-NAME-SCROLLING-LIMIT

Valid Settings: YES - Scroll the BVIR Update job name
NO - Do not scroll the BVIR Update job name

Default Setting: YES

BVIR-JOB-NAME-SCROLLING-LIMIT

This parameter allows the user to limit the scrolling range of the BVIR Update job names (when the BVIR-JOB-NAME-SCROLLING parameter is set to YES). This feature allows the user to limit how many different job names are created for the BVIR Update jobs, which will limit how many BVIR Update jobs can run concurrently.

Related Parameters: BVIR-JOB-NAME
BVIR-JOB-NAME-SCROLLING

Valid Settings: Any numeric value 1-36

Default Setting: 36

CDIBR-NEXT-PHASE-CREATE

This parameter provides the name of a dataset that will be created when the last phase-2 job in a set of end-of-day sweep aggregate job streams completes.

Related Parameters: CDIBR-NEXT-PHASE-SUBMIT
CDIBR-NEXT-PHASE-MESSAGE

Valid Settings: NONE -Use this value if this feature is not wanted.
A fully qualified dataset name that is to be created. **The dataset name must not be preexisting.**

Default Setting: NONE

CDIBR-NEXT-PHASE-MESSAGE

This parameter provides the text for last phase-2 job in a set of end-of-day sweep aggregate job streams to issue a WTO when that set of jobs is complete. This parameter is used when using a scheduling product that responds to a WTOR message as an “event” that triggers work.

The composite message length is 128 characters.

Related Parameters: CDIBR-NEXT-PHASE-SUBMIT
CDIBR-NEXT-PHASE-MESSAGE

Valid Settings: NONE -Use this value if this feature is not wanted.
A valid member from the DR/Xpert PARMLIB library.
The PARMLIB members below are provided as examples and contain the instructions for creating WTO message members:

- WTOA99B
- WTOA99O
- WTOTALB

Default Setting: NONE

CDIBR-NEXT-PHASE-SUBMIT

This parameter provides the name of a member to submit when the last phase-2 job in a set of end-of-day sweep aggregates completes.

Related Parameters: CDIBR-NEXT-PHASE-CREATE
CDIBR-NEXT-PHASE-MESSAGE

Valid Settings: NONE -Use this value if this feature is not wanted.
The name of a member in DR/Xpert's PARMLIB library containing JCL you want to submit when all of the phase-2 job streams belonging to an end-of-day sweep complete.

Default Setting: NONE

CNV-JOB-RESET-AFTER-OPERATOR-CANCEL

This parameter is used to specify whether or not the tape-to-tape copy processor should attempt to restore the tape management system and MVS catalog entries for the current volset if a conversion job is cancelled by the operator, or an operator cancel with dump abend is detected.

Related Parameters: None

Valid Settings: YES - When the conversion program ESTAE environment is active, attempt recovery of the current volume set even if the job was cancelled by the operator.
NO - Do not attempt recovery of operator cancelled conversion jobs. Issue WTO message stating that input dataset recovery has not been performed.

Default Setting: NO



Note This parameter applies to tape-to-tape copy functions.

COLLECT-MAXIMUM-DDNAMES

This parameter determines the maximum number of DD statements the COLLECT component will use per job step for collection and identification purposes. If this number is exceeded, DR/Xpert collection and identification continue, but the data collection for the job step is truncated.

OpenTech Systems' experience has been that jobs that exceed the limit posed by this parameter tend to be infrastructure regions; for example, HSM, output management, and backup jobs. By their nature, these jobs open files for input that would otherwise never be critical. Please filter these jobs via the JOBNAMES filter.

The limit placed on this parameter is artificially large; thus, we suggest that you contact OpenTech Systems support before changing this parameter.

Related Parameters: COLLECT-MAXIMUM-SMFJOB-INSTANCES
COLLECT-MAXIMUM-INFOJOB-INSTANCES

Valid Settings: Numeric

Default Setting: 10000



Note Please contact and confer with OpenTech Systems Support before changing this parameter.

COLLOCATION-IDENTIFIER

This parameter identifies the collocation string associated with an aggregate when the aggregate was created. This keyword is used for internal purposes and placed in program generated JCL as a PGMSETS override. It is used strictly by DR/Xpert's data recovery processing. This PGMSETS keyword is generated by the Recovery JCL Generation Program to identify the collocation data associated with a dataset when it was backed up.

Related Parameters: None

Valid Settings: Four character numeric, right justified and zero filled

Default Setting: Set internally. No default value.



Warning Do not modify this value in any JCL generated for data recovery.

COMPARE-RESULTS

This parameter is use to compare the files before and after running OTCDZDSN or OTCDZJOB so that the user can see the result of editing DR/Xpert data files through these utilities.

Related Parameters: None

Valid Settings: YES — Invokes IBM's TSO Compare program to verify files before and after the SMFINFRA and JOBNAMES filters are applied.
NO — No comparison is performed.

Default Setting: NO

COMMON-DATASPACE-MAX-SIZE-IN-K

This parameter defines the size of the SMF Data Collector's common address. The amount is specified in thousands of bytes (1024); so for example, specifying 10240 would be 10 megabytes.

DR/Xpert creates a 100-byte record for each SMF type-14 or 15 record it encounters. These records are written to the LOGR every 5 seconds. This parameter should be large enough to retain 100-byte records for a 5-second interval.

Related Parameters: SYSTEM-LOGGER-STREAM-NAME

Valid Settings: Any integer from 0 to 2097152

Default Setting: 2048 (2 megabytes); roughly 20,000 data records or 4,000 file OPEN requests per second.

COMPRESS-OUTPUT-DATA-BEFORE-ENCRYPTING

This parameter is used to tell the DR/Xpert's tape-to-tape copy processor whether or not data to be encrypted will be compressed prior to encryption.

Related Parameters: None

Valid Settings: NO -tape-to-tape copy processor will not use software compression before encrypting the data
YES -tape-to-tape copy processor will use software compression before encrypting the data

Default Setting: YES

CYCLE-IDENTIFIER

CYCLE-IDENTIFIER keyword is used as control card input by the recovery driver; thus, the control card will appear in the PGMSETS DD-statement. It identifies information specific to an aggregate recovery. The parameter is generated by the Recovery JCL generator job stream and its value specifically corresponds to the values for the AGGREGATE-IDENTIFIER and AGGREGATE-SUFFIX keywords.

Related Parameters: AGGREGATE-SUFFIX
AGGREGATE-IDENTIFIER

Valid Settings: Numeric, not to exceed 9999

Default Setting: 1



Caution Changing this parameter incorrectly could cause failure to accurately record the completion of an aggregate's recovery.

DATA-CENTER-ID

This parameter defines the internal data center identification code for TLMS and Control-T users.

Related Parameters: None

Valid Settings: The code used at your data center to designate tapes in the main tape library. (For example, TLMS uses 'DC' as the default code; Control-T uses the default code 'MAINLIB'.)

Default Setting: DC



Note This parameter applies only to TLMS and Control-T users.

DATA-CENTER-NAME

The data center name entered into this parameter will appear on all report headings generated by DR/Xpert.

Related Parameters: None

Valid Settings: Any character string; the string is delimited by blanks; use underscore characters in place of blanks.

Default Setting: NONE

DATA-CONVERSION-ENGINE

This parameter is dynamically set by tape-to-tape copy processor. It tells the tape-to-tape copy processor what conversion engine is to be used when generating the conversion JCL.

Related Parameters: None

Valid Settings: NONE -This value will be dynamically determined by the tape-to-tape backup driver.

Default Setting: Set internally. No default value.

DATE-WINDOW

This parameter defines the range of year 2000 date windowing where a century is not available. Any year that is equal to or less than the numeric value of this parameter represents 20xx dates. Any year that is greater than the numeric value of this parameter represents 19xx dates. This parameter is designed primarily for older releases of tape management systems that are not Y2K compliant and have not provided for a century indicator in the date fields.

Related Parameters: None

Valid Settings: Any 2-digit number

Default Setting: 50

DELETE-WORK-DATASET-WHEN-FINISHED

This parameter tells the DR/Xpert whether or not to scratch its work datasets at dataset close time.

Related Parameters: None

Valid Settings: YES - Delete the work datasets when finished
NO - Do not delete the work datasets when finished

Default Setting: YES

DISK-RECOVERY-STARTS-FROM

This parameter is a date or age at which DR/Xpert begins a disk recovery period. The use of this parameter suggests that a system-wide volume backup occurred and the date or age contained in the keyword describes the beginning of a backup period.

In cases where a critical disk file's backup date is prior to the keyword's option, DR/Xpert assumes the given critical dataset will be recovered by a full volume recovery; thus, DR/Xpert bypasses that particular critical file's recovery. In cases where the backup date follows the keyword's option, DR/Xpert recovers that dataset.

Related Parameters: TAPE-RECOVERY-STARTS-FROM
EXPIRE-DISK-AGGREGATE-WHEN
EXPIRE-TAPE-AGGREGATE-WHEN
REGISTER-DISK-BACKUP-PERIOD
REGISTER-TAPE-BACKUP-PERIOD
GREGORIAN-DATE-FORMAT

Valid Settings: NONE
0
A date (e.g., mm/dd/yyyy)
BKUPPNT-n

Default Setting: 0



Note

- NONE or 0 (zero) means DR/Xpert recovery is not dependent upon a backup period which is DR/Xpert's normal recovery mode. In this case, DR/Xpert can recover all registered critical disk files to empty volumes; or it can recover all registered critical disk files to volumes that have been restored from full volume backups.
 - BKUPPNT-1 is a token representing the most recent registered time that DR/Xpert's BKUPPNT job stream executed. The BKUPPNT job should be executed upon completion of system-wide volume backups. DR/Xpert recovers incremental backups from this recorded time through DR/Xpert daily sync-point.
 - BKUPPNT-2 through BKUPPNT-10 are progressively older date registrations by the BKUPPNT JOB stream.
 - Date formats are governed by GREGORIAN-DATE-FORMAT.
 - OpenTech Systems recommends the specification of either NONE or BKUPPNT-1, depending on the recovery strategy used.
-

DFDSS-OVERRIDE

DFDSS-OVERRIDE provides parameters typically found in an EXEC PARM JCL statement to DFDSS; for example, TYPRUN=NORUN.

Related Parameters: None

Valid Settings: See "How to Control DFSMSdss through PARM Information in the EXEC Statements" as described in DFSMS Storage Administration Guide, an IBM manual.

Default Setting: NONE

DMS/CA-DISK-FILES-DATASET

This parameter is used to specify the dataset name of the DMS/CA-Disk FILES dataset. The DMS/CA-Disk FILES dataset to be processed must be identified to DR/Xpert using the DMS/CA-DISK-FILES-DATASET parameter, or by setting DMS/CA-DISK-FILES-DATASET: NONE. If DR/Xpert will be customized to call DMS/CA-Disk to perform backup or restore functions, a FILES DD statement must be also added to the DR/Xpert job JCL.

This parameter supports the use of system symbolics. Refer to "Using Symbolics" ??? for more information.

Related Parameters: None

Valid Settings: Any valid DMS FILES dataset name – the specified dataset will be dynamically allocated to the DD name FILES with DISP=(SHR,KEEP).
NONE – DR/Xpert will not dynamically allocate the FILES dataset's dataset name. DR/Xpert will assume the user has manually listed the FILES dataset name in a FILES DD in the DR/Xpert JCL.

Default Setting: NONE

DMS/CA-DISK-PARMLIB

This parameter is used to specify the dataset name of the DMS/CA-DISK PARMLIB library.

This parameter supports the use of system symbolics. See "Using Symbolics in DR/Xpert Dataset Names"??? for more information.

Related Parameters: None

Valid Settings: Any valid DMS PARMLIB dataset name - the specified dataset will be dynamically allocated to the DD name PARMLIB with DISP=(SHR,KEEP).
NONE - Tape/Copy will not dynamically allocate the PARMLIB dataset. Tape/Copy will assume the user has manually listed the PARMLIB dataset name in a PARMLIB DD in the Tape/Copy JCL.

Default Setting: NONE

DRIVER-Codes

This parameter is used by the RECOVERY JCL Generator to place recovery driver program IDs as replacement characters in recovery JOB names. That is, each character in DRIVER CODES represents one of the drivers supported by DR/Xpert. The user can reserve a character in recovery job names and thus group recovery job names by different drivers.

The RECOVERY JCL Generator looks for a greater-than sign (>) in the recovery jobname pattern and replaces each greater-than sign with a code representing a driver. DR/Xpert drivers reside in a constant table; a driver code is assigned to each driver according to its position in that constant table.

The default value for DRIVER-CODE is "ABCDEFGHIJ". Based on that string, these are the driver code assignments currently used by the RECOVERY JCL Generator:

DFDSS	A
TAPECOPY	B
ABARS	C
DMS	D
CRYPTDSS	E
VDR	F
FDRABR	G
(unused)	H
TEST	I
DUMMY	J
FAVER	K
DSSDISK	L

Related Parameters: JCL-MODEL-STATEMENTS-MEMBER

Valid Settings: Any character string up to ten characters. The characters must be valid characters for a jobname (alphanumeric or national). If numeric characters are chosen, the replacement character must not be in the first position of the jobname. Characters can be repeated.

Default Setting: ABCDEFGHIJ
Example AB\$\$\$\$\$\$\$



Note JCL-MODEL-STATEMENTS-MEMBER contains a pair of tokens identifying two members in DR/Xpert's parameter library associated with backup and recovery prototype JCL. The second token, is the member name for recovery JCL. For this parameter to be effective, the jobname in this member must have a greater-than sign in the jobname.

DUPLEX-MEDIA-TYPE

This parameter describes the media type for DR/Xpert duplex backup files.

Related Parameters: BACKUP-MEDIA-TYPE
BACKUP-TAPE-SIZE-OBJECTIVE
TRIGGER-BACKUP-ON-FILE-SIZE

Valid Settings: Any device found in the IOCNTLTB member of PARMLIB
NONE -Signifies that duplex backups will not wanted; any other value results in a duplex

Default Setting: NONE

DUPLEX-NEWNAME-TABLE

This parameter identifies which dataset newname pattern member in the DR/Xpert PARMLIB library to use for duplex tape-to-tape backups.

Related Parameters: DUPLEX-MEDIA-TYPE

Valid Settings: Any valid DR/Xpert PARMLIB library member name.
NONE - No duplex newname output will be created.

Default Setting: NONE



Note If this parameter is set to "NONE" (so that no duplex copy is to be created), the DUPLEX-MEDIA-TYPE parameter must be set to "NONE" as well.

DYNAMIC-ALLOCATION-BVIRVSAM-DATASET-NAME-PREFIX

This parameter informs BVIR setup programs and BVIR access logic the dataset name prefix to use when it needs to dynamically allocate a VSAM work file. This parameter also indicates whether BVIR information is available to DR/Xpert.

DR/Xpert's TAPECOPY driver uses BVIR information to sort VTS backend tape data according to a file's location within the backend tape. Specification of this parameter is required for BVIR logic to operate inside the TAPECOPY driver.

Related Parameters: DYNAMIC-ALLOCATION-BVIRVSAM-DATA-VOLSER
DYNAMIC-ALLOCATION-BVIRVSAM-INDEX-VOLSER

Valid Settings: Any valid dataset name prefix (no longer than 26 characters). If this parameter is set, BVIR logic is enabled inside DR/Xpert's TAPECOPY driver.
NONE - causes DR/Xpert to skip BVIR data lookup during candidate selection; thus BVIR logic is disabled inside DR/Xpert's TAPECOPY driver.

Default Setting: NONE

DYNAMIC-ALLOCATION-BVIRVSAM-DATA-VOLSER

This parameter informs BVIR which DASD volume serial number to use when it needs to dynamically allocate a VSAM work file data component.

Related Parameters: DYNAMIC-ALLOCATION-BVIRVSAM-DATASET-NAME-PREFIX
DYNAMIC-ALLOCATION-BVIRVSAM-INDEX-VOLSER

Valid Settings: NONE - BVIR will try to select an available volser
Any valid DASD volume serial number

Default Setting: NONE

DYNAMIC-ALLOCATION-BVIRVSAM-INDEX-VOLSER

This parameter tells BVIR which DASD volume serial number to use when it needs to dynamically allocate a VSAM work file index component.

Related Parameters: DYNAMIC-ALLOCATION-BVIRVSAM-DATASET-NAME-PREFIX
DYNAMIC-ALLOCATION-BVIRVSAM-DATA-VOLSER

Valid Settings: NONE - BVIR will try to select an available volser
Any valid DASD volume serial number

Default Setting: NONE

DYNAMIC-ALLOCATION-DATASET-WORKFILE-PREFIX

This parameter is use to specify backup file names when executing the utility that removes rows with certain dataset names and job names.

Related Parameters: DYNAMIC-ALLOCATION-DATASET-NAME PREFIX

Valid Settings: Any valid dataset name prefix (limited to 17 characters)

Default Setting: OT.DRX.WORK

DYNAMIC-ALLOCATION-DATASET-WORKFILE-PREFIX is used by the OTCDZDSN and OTCDZJOB JCL members. OTCDZDSN and OTCDZJOB are utilities to remove data from DR/Xpert files based on jobname or dataset name filters. The files with the work file prefix provide before-image copies of DR/Xpert datasets for the purpose of reversing changes made by those job streams.

The value for DYNAMIC-ALLOCATION-DATASE-WORKFILE-PREFIX may not be the same as that specified for DYNAMIC-ALLOCATION-DATASET-NAME-PREFIX.

DYNAMIC-ALLOCATION-DATA-CLASS

This parameter tells DR/Xpert which SMS data class to use when it needs to dynamically allocate a work file on DASD.

Related Parameters: DYNAMIC-ALLOCATION-MANAGEMENT-CLASS
DYNAMIC-ALLOCATION-STORAGE-CLASS
DYNAMIC-ALLOCATION-UNIT
DYNAMIC-ALLOCATION-VOLSER

Valid Settings: NONE - This parameter is not in use
Any valid SMS data class

Default Setting: NONE

DYNAMIC-ALLOCATION-DATASET-NAME-PREFIX

This parameter tells DR/Xpert which dataset name prefix to use when it needs to dynamically allocate a work file on DASD.

Related Parameters:	None
Valid Settings:	Any valid dataset name prefix (no longer than 16 characters)
Default Setting:	OT.DRXPRT

DYNAMIC-ALLOCATION-MANAGEMENT-CLASS

This parameter tells DR/Xpert which SMS management class to use when it needs to dynamically allocate a work file on DASD.

Related Parameters:	DYNAMIC-ALLOCATION-STORAGE-CLASS DYNAMIC-ALLOCATION-UNIT DYNAMIC-ALLOCATION-VOLSER
Valid Settings:	NONE - This parameter is not in use Any valid SMS management class
Default Setting:	NONE

DYNAMIC-ALLOCATION-RETRY-LIMIT

This parameter allows the user to limit the number of times dynamic allocation for a given resource is retried before DR/Xpert terminates with a U0100 abend.

The conditions that cause dynamic allocation to retry the allocation are:

- dataset in use
- unit unavailable
- DD name unavailable
- dataset is already allocated

These dynamic allocation retries are attempted after an appropriate wait for the resource to clear.

Related Parameters:	None
Valid Settings:	Any valid number from 0-9999999
Default Setting:	60

DYNAMIC-ALLOCATION-SORTWORK-UNIT

This parameter tells DR/Xpert what unit name to use when it needs to dynamically allocate a sort work file.

Related Parameters:	None
Valid Settings:	Any valid EDT unit name
Default Setting:	SYSDA

DYNAMIC-ALLOCATION-SPACE-UNIT-TRACK-LIMIT

If this parameter is set to a value other than NONE, allocations for DR/Xpert's work files will have their primary allocation size reduced to the specified number of tracks (if the allocation request was for more than specified number of tracks) and the secondary allocation will also be set to the number of tracks specified by this parameter.

Related Parameters:	None
Valid Settings:	NONE - Specify NONE to ignore this parameter. Any valid number 1-9999999
Default Setting:	NONE



Note Use of this parameter may cause space abends because the work files may require more space than can be acquired using all 16 extents. However, this parameter is intended to help resolve space abends caused by insufficient contiguous free space.

DYNAMIC-ALLOCATION-STORAGE-CLASS

This parameter tells DR/Xpert which SMS storage class to use when it needs to dynamically allocate a work file on DASD.

Related Parameters:	DYNAMIC-ALLOCATION-MANAGEMENT-CLASS DYNAMIC-ALLOCATION-UNIT DYNAMIC-ALLOCATION-VOLSER
Valid Settings:	NONE - This parameter is not in use Any valid SMS storage class
Default Setting:	NONE

DYNAMIC-ALLOCATION-UNIT

This parameter tells DR/Xpert which unit name to use when it needs to dynamically allocate a work file.

Related Parameters: DYNAMIC-ALLOCATION-DATA-CLASS
DYNAMIC-ALLOCATION-MANAGEMENT-CLASS
DYNAMIC-ALLOCATION-STORAGE-CLASS
DYNAMIC-ALLOCATION-VOLSER

Valid Settings: Any valid EDT unit name

Default Setting: SYSDA

DYNAMIC-ALLOCATION-VDRVSAM-DATASET-NAME-PREFIX

This parameter is used during DR/Xpert's recovery processing for customers who use VDR to back up and recover files that DR/Xpert has identified as critical. Customers who do not use VDR with DR/Xpert do not need to specify this parameter.

DR/Xpert's VDR recovery driver uses the VDR's Business Continuity Utility Database (BCU) to keep track of VDR recoveries. That is, DR/Xpert will use the BCU to confirm whether VDR has restored the files for DR/Xpert. This parameter tells DR/Xpert's recovery drivers the name that VDR used for its BCU database.

Please refer to Tape/Copy documentation for more information regarding the Business Continuity Database.

Related Parameters: None

Valid Settings: The dataset name prefix used by VDR for its Business Continuity Database.
NONE – if VDR is not in use

Default Setting: NONE

DYNAMIC-ALLOCATION-VOLSER

This parameter tells DR/Xpert which DASD volume serial number to use when it needs to dynamically allocate a work file.

Related Parameters: DYNAMIC-ALLOCATION-DATA-CLASS
DYNAMIC-ALLOCATION-MANAGEMENT-CLASS
DYNAMIC-ALLOCATION-STORAGE-CLASS
DYNAMIC-ALLOCATION-UNIT

Valid Settings: NONE - DR/Xpert will try to select an available volsr
Any valid DASD volume serial number

Default Setting: NONE

DYNAMIC-ALLOCATION-VSAM-DATA-VOLSER

This parameter tells DR/Xpert which DASD volume serial number to use when it needs to dynamically allocate a VSAM work file data component.

Related Parameters: DYNAMIC-ALLOCATION-VSAM-INDEX-VOLSER

Valid Settings: NONE - DR/Xpert will try to select an available volsr
Any valid DASD volume serial number

Default Setting: NONE

DYNAMIC-ALLOCATION-VSAM-DATASET-NAME-PREFIX

This parameter tells DR/Xpert which dataset name prefix to use when it needs to dynamically allocate a VSAM work file on DASD.

Related Parameters: None

Valid Settings: Any valid dataset name prefix (no longer than 27 characters)

Default Setting: OT.DRXPRT

DYNAMIC-ALLOCATION-VSAM-INDEX-VOLSER

This parameter tells DR/Xpert which DASD volume serial number to use when it needs to dynamically allocate a VSAM work file index component.

Related Parameters:	DYNAMIC-ALLOCATION-VSAM-DATA-VOLSER
Valid Settings:	NONE - DR/Xpert will try to select an available volser Any valid DASD volume serial number
Default Setting:	NONE

ENABLE-DELETE-WAIT-PERIOD

This parameter keeps or eliminates the grace period after a dataset disappears from DR/Xpert's critical list. When the grace period is in effect, the DR/Xpert's backup database maintenance job (OTCDBIN1) will postpone the removal of files that are no longer critical (until the grace period expires). Expect to see items in OTCDBIN1's //REPORT DD-statement with DELETE POSTPONED DUE TO HISTORY.

Related Parameters:	None
Valid Settings:	YES, a grace period is in effect. Datasets that were formally critical continue to be backed up for five more cycles. NO, a grace period is not in effect. Backups for datasets discontinue as soon as DR/Xpert determines they are no longer critical.
Default Setting:	YES

ENCRYPTION-AUTO-GENERATED-KEY-STRENGTH

This parameter specifies the encryption strength of the key to be generated during an encryption, when the CopyCrypt Key Database is being used. **If the ICSF CKDS is being used the only strength that can be generated is DES3.**

Related Parameters:	ENCRYPTION-KEY-DATABASE
Valid Settings:	DES3 - Generate a DES3 key AES128 - Generate an AES128 key AES256 - Generate an AES256 key
Default Setting:	DES3



Note See [Chapter 12 "Encryption"](#) in the User Guide for more information on the CopyCrypt encryption functions.

ENCRYPTION-FACILITY

When encryption/decryption processing is requested, this parameter is used to determine whether IBM's ICSF (hardware) encryption or CopyCrypt's software encryption algorithms are to be used for encryption/decryption functions.

Related Parameters: ENCRYPTION-KEY-DATABASE

Valid Settings: ICSF - CopyCrypt will use IBM's ICSF facility to perform encryption and decryption functions.
SOFTWARE - CopyCrypt will use software encryption algorithms to perform encryption and decryption functions.

Default Setting: ICSF



Note See [Chapter 12 "Encryption"](#) in the User Guide for more information on the CopyCrypt encryption functions.

ENCRYPTION-IDENTIFIER

This parameter identifies the encryption id associated with an aggregate when the aggregate was created. This keyword is used for internal purposes and placed in program generated JCL as a PGMSETS override. It is used strictly by DR/Xpert's data recovery processing.

Related Parameters: None

Valid Settings: Four character numeric, right justified and zero filled

Default Setting: Set internally. No default value.



Warning DO NOT modify this value in any JCL generated for data recovery.

ENCRYPTION-KEY-DATABASE

When encryption/decryption processing is requested, this parameter is used to determine whether ICSF or CopyCrypt's key database will be used to retrieve labeled key values.

Related Parameters: ENCRYPTION-FACILITY

Valid Settings: ICSF - IBM's ICSF key database will be used to retrieve any labeled key values.
CPYCRYPT - CopyCrypt's own key database will be used to retrieve any labeled key values.

Default Setting: ICSF



Note See [Chapter 12 "Encryption"](#) in the User Guide for more information on the CopyCrypt encryption functions.

ERASE-DATA-AT-END-OF-LAST-OUTPUT-TAPE

This parameter is used to tell the tape-to-tape backup driver whether to erase data at the end of the tape when it writes to the last dataset on the tape volume.

Related Parameters: None

Valid Settings: NO -tape-to-tape copy processor will not erase previous data at the end of the last dataset
YES -tape-to-tape copy processor will erase (using DSE) data past the end of the last dataset

Default Setting: NO

ESTAE-ENVIRONMENT-ACTIVE

This parameter allows the user to turn the abend error recovery routines on or off.

Related Parameters: SNAP-FULL-DUMP

Valid Settings: YES -The ESTAE environment is active
NO -The ESTAE environment is not active

Default Setting: YES



Warning This parameter value should not be changed by the user unless specifically directed by OpenTech Systems Technical Support.

EXCLUDE-ABENDING-TAPE-VOLSERS

This parameter tells the tape-to-tape copy engine whether or not to record an input tape volser that abends during conversion processing in the BADMEDIA member of the DR/Xpert PARMLIB library. By recording the abending tape, subsequent runs will bypass the abending volser from further selection and processing.

Related Parameters: NONE

Valid Settings: YES - Record the tapes that abended during conversion
NO - Do not record the tapes that abended during conversion

Default Setting: YES



Note If this parameter is set to YES, it is required that the userid running the Tape/Copy conversion job be security cleared to update the DR/Xpert PARMLIB library.

EXPIRE-DISK-AGGREGATE-WHEN

This parameter is the date or age prior to which DR/Xpert will make backups obsolete because they are superseded by system-wide, volume backups. The use of this parameter assumes that backups taken before the specified date are no longer useful because they are replaced by restoring system-wide volume backups; and backups occurring after the specified date are incremental backups since the volume backups occurred.

Related Parameters: EXPIRE-TAPE-AGGREGATES-WHEN
DISK-RECOVERY-STARTS-FROM
TAPE-RECOVERY-STARTS-FROM
REGISTER-DISK-BACKUP-PERIOD
REGISTER-TAPE-BACKUP-PERIOD
GREGORIAN-DATE-FORMAT

Valid Settings: NONE
0
A date (e.g., mm/dd/yyyy)
BKUPPNT-n

Default Setting: 0



Note

- NONE or 0 (zero) cause DR/Xpert to bypass this option. In this case, DR/Xpert will work in its normal audit mode; that is, backups become obsolete when all critical disk datasets contained in a backup have nine newer backup instances in other backups.
 - BKUPPNT-1 is a token representing the most recent registered time that DR/Xpert's BKUPPNT job stream executed. The BKUPPNT job should be executed upon completion of system-wide volume backups.
 - BKUPPNT-2 through BKUPPNT-10 are progressively older date registrations by BKUPPNT.
 - Date formats are governed by GREGORIAN-DATE-FORMAT.
-

EXPIRE-INACTIVE-AGGREGATE-AGE

This parameter causes the AUDIT program to scratch and cleanup aggregates whose age is greater than the specified number of days providing the aggregate contains no active backups. This parameter is required by the RECYCLE1 and RECYCLE2 job streams for predicting aggregate cleanup and for performing maintenance on some backup database records. This parameter is used by the AUDIT job stream and its value should be consistent across RECYCLE1, RECYCLE2, and AUDIT jobs.

Generally, this parameter should be greater than or equal to the value set for READ ONLY AGEING DAYS. Care should be taken if this parameter is less than READ ONLY AGEING DAYS. OpenTech Systems recommends setting both of these parameters to the same value.

Related Parameters: AGE-MIGRATED-READ-ONLY-FILE
 READ-ONLY-SIZE-THRESHOLD
 READ-ONLY-AGEING-DAYS

Valid Settings: Numeric, up to four digits

Default Setting: 30

EXPIRE-TAPE-AGGREGATE-WHEN

This parameter is a date or age prior to which DR/Xpert backups of critical tape files are superseded by a datacenter-wide tape synchronization event (export, backup tape catalog, backup ICF catalog). The use of this parameter assumes that backups taken before the specified date are no longer useful because they are replaced by importing data from the synchronization event; and backups occurring after the specified date are incremental backups since that event.

Related Parameters: EXPIRE-DISK-AGGREGATES-WHEN
DISK-RECOVERY-STARTS-FROM
TAPE-RECOVERY-STARTS-FROM
REGISTER-DISK-BACKUP-PERIOD
REGISTER-TAPE-BACKUP-PERIOD
GREGORIAN-DATE-FORMAT

Valid Settings: NONE
0
A date (mm/dd/yyyy)
BKUPPNT-n

Default Setting: NONE



Note

- NONE or 0 (zero) cause DR/Xpert to bypass this option. In this case, DR/Xpert will work in its normal audit mode; that is, backups become obsolete when all critical tape datasets contained in a backup have nine newer backup instances in other backups.
 - BKUPPNT-1 is a token representing the most recent registered time that DR/Xpert's BKUPPNT job stream executed. The BKUPPNT job should be executed upon completion of system-wide volume backups.
 - BKUPPNT-2 through BKUPPNT-10 are progressively older date registrations by BKUPPNT.
 - Date formats are governed by GREGORIAN-DATE-FORMAT.
-

FILTER-PDS-FILES-FOR-ONLINE-JOBSTREAMS

Partitioned datasets that are used by online applications can be ignored or considered as criteria for critical and non-critical decisions. Because online applications can run for days, they tend to skew the decision process. You can use this parameter to change the way DR/Xpert considers PDS files for online applications.

Related Parameters: None

Valid Settings: YES - DR/Xpert will not consider partitioned datasets as eligible as criteria for critical or non-critical decisions when they are referenced by online job streams.
NO - DR/Xpert will use references by online job streams as criteria for critical and non-critical decisions.
To emphasize the scope of this flag, it is limited to online job streams; other non-online job streams can still cause the same partitioned datasets to be considered critical regardless of this flag's setting.

Default Setting: YES

FORCE-EOV-ON-OUTPUT

This parameter determines whether or not a new output volume will be mounted when the input tape reaches end-of-volume. This allows a user to copy a multi-volume file and guarantee that there will be the same number of output tapes as input tapes.

If the output tape reaches end of volume before the input tape does, the copy operation will end and the job will be terminated. FORCE-EOV-ON-OUTPUT cannot be used for jobs that will perform reblocking. (Reblocking causes the number of output blocks to be different from the number of input blocks.)

Related Parameters: None

Valid Settings: YES -Mount a new output tape when the input tape's end- of-volume is reached
NO -Do not mount a new output tape when the input tape's end-of-volume is reached

Default Setting: NO

GENERIC-AUTO-RECALL-TASK-LIMIT

This parameter is used to specify the number of concurrent subtasks that will be used to recall files by the generic recall driver.

Related Parameters: None

Valid Settings: 1-256

Default Setting: 4

GREGORIAN-DATE-FORMAT

This parameter tells DR/Xpert what format to use when displaying dates on the reports.

Related Parameters: None

Valid Settings: MM/DD/YYYY - American style Gregorian date format
DD/MM/YYYY - European style Gregorian date format
YYYY/MM/DD - Sortable style Gregorian date format

Default Setting: MM/DD/YYYY



Warning For TLMS the GREGORIAN-DATE-FORMAT parameter must be set to the date format keyword DATEFMT= as coded in the TLMS.PPOPTION dataset in the member which contains the system options.

HSM-MCDS

These parameter(s) identify IBM HSM product's MCDS (Migrate Control Dataset(s)) for DR/Xpert.

Related Parameters: None

Valid Settings: NONE -Specify NONE for all of these parameters if your data center does not use HSM. Also, specify NONE for any one of these datasets that data center does not use.
Otherwise, specify the fully qualified dataset name for each MCDS used by HSM at your data center.

Default Setting: NONE

HSM-MCDS2

These parameter(s) identify IBM HSM product's MCDS (Migrate Control Dataset(s)) for DR/Xpert.

Related Parameters: None

Valid Settings: NONE -Specify NONE for all of these parameters if your data center does not use HSM. Also, specify NONE for any one of these datasets that data center does not use.
Otherwise, specify the fully qualified dataset name for each MCDS used by HSM at your data center.

Default Setting: NONE

HSM-MCDS3

These parameter(s) identify IBM HSM product's MCDS (Migrate Control Dataset(s)) for DR/Xpert.

Related Parameters: None

Valid Settings: NONE -Specify NONE for all of these parameters if your data center does not use HSM. Also, specify NONE for any one of these datasets that data center does not use.
Otherwise, specify the fully qualified dataset name for each MCDS used by HSM at your data center.

Default Setting: NONE

HSM-MCDS4

These parameter(s) identify IBM HSM product's MCDS (Migrate Control Dataset(s)) for DR/Xpert.

Related Parameters: None

Valid Settings: NONE -Specify NONE for all of these parameters if your data center does not use HSM. Also, specify NONE for any one of these datasets that data center does not use.
Otherwise, specify the fully qualified dataset name for each MCDS used by HSM at your data center.

Default Setting: NONE

HSM-LOG-PREFIX

This parameter tells the DR/Xpert the dataset name prefix HSM uses when it creates its backup activity reports. DR/Xpert uses this prefix name to reconstruct the ABARS activity LOG file name so that it can intercept ABARS' backup reports.

Related Parameters: None

Valid Settings: Any valid prefix known to HSM for its activity logs. Contact your storage administrator to determine if HSM's activity log is anything other than HSMACT. HSM describes the procedure for changing this dataset name prefix in the DFSMShsm Implementation and Customization Guide.

Default Setting: HSMACT

HSM-REPORT-DATASET-MISSING-FROM-MCDS

DR/Xpert treats a dataset that is catalogued to MIGRAT, and does not have an entry in the MCDS as if it were a non-existing dataset. This option reports errors like these with OTCD0007E.

Related Parameters: None

Valid Settings: Yes – Inhibit OTCD0007E when dataset is missing from MCDS
No – Issue OTCD0007E when dataset was expected, but was not found in MCDS

Default Setting: YES

HSM-UID-PREFIX

This parameter tells the ABARS recovery component for DR/Xpert the dataset name prefix HSM uses when it creates its recovery work files. DR/Xpert uses this prefix name to reconstruct the ABARS recovery files so that it can intercept ABARS' status information.

Special consideration for this parameter follows:

- This parameter is required for HSM releases up and including through DFSMShsm 1.6; this parameter is not necessary beginning with DFSMShsm 1.7 and more recent releases.
- This parameter is used during ABARS recovery; so it should reflect the name used at the recovery data center.

Related Parameters: HSM-LOG-PREFIX

Valid Settings: The valid user ID for HSM. This parameter is specified in HSM's startup JCL as a keyword in EXEC PARM statement as PARM='...UID=HSM,..'

This parameter is the same as the parameter that defines the authorized user ID for the DFSMShsm-started procedure.

Default Setting: NONE

INCLUDE-OFFLINE-TAPE-DRIVES

In the IOCNTLTB_REBUILD process of the SETUPATL program, the user has the option of including offline tape devices as part of the member rebuilding process. If NO is selected, the resulting IOCNTLTB member will include EDT generic and esoteric unit names that represent only online tape drives. If YES is selected, all EDT generic and esoteric tape unit names will be included.

Related Parameters: None

Valid Settings: YES -Include offline tape drives in the IOCNTLTB_REBUILD process
NO -Do not include offline tape drives in the IOCNTLTB_REBUILD process.

Default Setting: YES

INHIBIT-BACKUP-OF-READONLY-FILES

This parameter directs DR/Xpert to track intention of job streams to write or read datasets in a given backup cycle. If a dataset has not been opened for output or it has not been recreated, DR/Xpert will rely on a backup from an older cycle as the active backup for a file. Datasets affected by this parameter would be weekly, monthly, and quarterly datasets that have not been used every day, but are considered critical, as well as any dataset opened exclusively as read-only.

Related Parameters: None

Valid Settings: YES – DR/Xpert will only backup datasets if SMF data indicates the file has been opened for output; or, if you force the file's backup.
NO – READ-ONLY files will be backed up daily at end-of-day sweep.

Default Setting: YES

INPUT-CREATING-STEPNAME-VALUE

This is the value that the tape-to-tape backup driver will insert into the creating job step name for the input tape datasets that are to be scratched by the audit and scratch process.

Related Parameters: MODIFY-INPUT-CREATING-STEPNAME

Valid Settings: Any character string up to 8 characters long

Default Setting: OPENTECH



Note This parameter is used in the expiration of obsolete backups found during the DR/Xpert Backup Audit and Scratch Process and applies to TLMS users only.

INPUT-TAPE-ENDING-VOLSER

This parameter sets the upper limit on the tape volume serial number range used by the Candidate Selection process.

Related Parameters: None

Valid Settings: Any valid tape volume serial number

Default Setting: 999999

INPUT-TAPE-STARTING-VOLSER

This parameter sets the lower limit on the tape volume serial number range used by the Candidate Selection process.

Related Parameters:	None
Valid Settings:	Any valid tape volume serial number
Default Setting:	\$

JCL-IDCAMS-STATEMENT-MEMBER

During recovery DR/Xpert uses a prototype JCL member to generate the JCL for executing IDCAMS. This member must reside in DR/Xpert's PARMLIB dataset. OpenTech Systems distributes a member named GDGMODEL for this purpose.

Related Parameters:	None
Valid Settings:	Any valid member name that resides in DR/Xpert's PARMLIB dataset and that also contains IDCAMS JCL
Default Setting:	GDGMODEL

JCL-MODEL-STATEMENTS-MEMBER

DR/Xpert's phase-1 aggregate JCL uses this parameter to identify backup and restore JCL prototypes. These prototypes are used to build program generated backup and recovery JCL.

This parameter is coded as a two-piece set. Both parts are member names in DR/Xpert's parameter library. The two member names are separated by a period, dash, or a comma. Each name can be one to eight characters in length; the combined length of the two parameters plus separator is up to 17 characters.

The first half of the parameter is a member containing JCL prototype statements to create a DR/Xpert managed backup; the second half is a JCL prototype member for restoring DR/Xpert managed backups. There are three distributed members containing model JCL for this purpose: SIMMODEL and DMPMODEL for backup JCL; and, RESMODEL for restore JCL.

SIMMODEL and DMPMODEL are essentially the same, except SIMMODEL uses DFSMSDss's TYPRUN=NORUN parameter to provide simulated backups.

Related Parameters: None

Valid Settings:

- DMPMODEL.RESMODEL, or
- SIMMODEL-RESMODEL, or
- Any member pair residing in DR/Xpert's PARMLIB library

Default Setting: DMPMODEL.RESMODEL

JDT-MODEL-STATEMENTS-MEMBER

DR/Xpert's started task uses this parameter to submit the program that adds work from the Job Trigger Table into DR/Xpert's scheduling queue.

Related Parameters: None

Valid Settings: A valid PARMLIB member used to submit the program that adds Job Trigger Entries on the scheduling queue.

Default Setting: JDTCODE

JOB-HISTORY-RETENTION

DR/Xpert uses this parameter to obsolete information on the job history file HLQ.JOBSTHIS. This is a 3-digit number and the recommended value is 365.

Related Parameters: None

Valid Settings: 1 - 999

Default Setting: 365

JOB-NAME-CHARS

This parameter is used by DR/Xpert's phase-1 Backup JOB streams and the RECOVERY JCL Generator to replace jobname scrolling characters (or substitution characters) with the next character in line (incremental values). The scrolling characters are question marks (?). There may be one or more question marks in prototype JOB names.

Related Parameters: JCL-MODEL-STATEMENTS-MEMBER
JOB-NAME-SCROLLING-LIMIT
SCROLL-JOB-NAMES-FROM

Valid Settings: Any character string up to 39 characters. The characters must be valid characters for a jobname (alphanumeric or national). If numeric characters are chosen, the scrolling character must not be in the first position of the JOB name. Characters cannot be repeated.

Default Setting: 012456789ABCDEFGHIJKLMNOPQRSTUVWXYZ

Example Value 012456789



Note The simplest implementation of scrolling characters is with numeric characters where scrolling characters cause JOB names to be incrementally assigned beginning at one. Multiple scrolling characters are padded with zeros to the left. Thus, a JOB name prototype in the form of BACKUP?? would begin at BACKUP01 and increment through BACKUP99.

JOB-NAME-SCROLLING-LIMIT controls the number of characters in the scrolling character substitution set. The default limit is 10 which limit the scroll characters to numeric values.

SCROLL-JOB-NAMES-FROM identifies the first character that the right-most scrolling character begins. This keyword controls whether the right-most character begins at '0' or '1`'.

You may have up to seven (7) scrolling characters. Scrolling characters do not have to be adjacent to one another.

Scrolling characters can include alphabetic characters such that the incremental value goes from 0 to 9 and A to Z. JOB NAME SCROLLING LIMIT of 36 includes both numeric and alphabetic characters as scrolling characters. The arithmetic carry does not occur until the right-most replacement character goes from "Z" back to "0". Therefore, a JOB name pattern containing two question marks could generate up to 1,296 unique JOB names. Using the pattern from the previous example (BACKUP??); this will generate a set of JOB streams beginning with BACKUP01 through BACKUP09, BACKUPOA through BACKUPOZ, before generating BACKUP10.

JOB-NAME-SCROLLING-LIMIT

This parameter is used by DR/Xpert's phase-1 Backup JOB streams and the RECOVERY JCL Generator when incrementing replacement scroll characters inside a prototype JOB name. This parameter limits the characters used within JOB-NAME-CHARS. The intent of this parameter is to give the greatest range of scrolling values while making the default range simply a numeric range of 0 through 9.

Related Parameters: JCL-MODEL-STATEMENTS-MEMBER
JOB-NAME-CHARS
SCROLL-JOB-NAMES-FROM

Valid Settings: Any number from 1 to 36. The best choices are 10 or 36. A value of 10 tells DR/Xpert to scroll JOB names use scrolling values 0 to 9. A value of 36 tells DR/Xpert to scroll JOB names using numeric and alphabetic characters.

Default Setting: 10

Limits This value is never larger than the length of JOB NAME CHARS. If the setting exceeds JOB NAME CHARS length, it is programmatically changed downward to that parameter's length.



Note The simplest implementation of scrolling characters is with numeric characters where scrolling characters cause JOB names to be incrementally assigned beginning at one. Multiple scrolling characters are padded with zeros to the left. Thus, a JOB name prototype in the form of BACKUP?? would begin at BACKUP01 and increment through BACKUP99.

JOB-NAME-SCROLLING-LIMIT controls the number of characters in the scrolling character substitution set. The default limit is 10 which limit the scroll characters to numeric values.

SCROLL-JOB-NAMES-FROM identifies the first character that the right-most scrolling character begins. This keyword controls whether the right-most character begins at '0' or '1`'.

You may have up to seven (7) scrolling characters. Scrolling characters do not have to be adjacent to one another.

Scrolling characters can include alphabetic characters such that the incremental value goes from 0 to 9 and A to Z. JOB NAME SCROLLING LIMIT of 36 includes both numeric and alphabetic characters as scrolling characters. The arithmetic carry does not occur until the right-most replacement character goes from "Z" back to "0". Therefore, a JOB name pattern containing two question marks could generate up to 1,296 unique JOB names. Using the pattern from the previous example (BACKUP??); this will generate a set of JOB streams beginning with BACKUP01 through BACKUP09, BACKUP0A through BACKUP0Z, before generating BACKUP10.

JTT-ENTRY-COUNT

This parameter dictates the number of job trigger table (JTT) entries will be allocated in extended CSA by the job trigger started task. Each entry is 32 bytes and the JTT header is 32 bytes. So a table with 1000 entries will be 32032 bytes.

Related Parameters: JTT-SCAN-FREQUENCY

Valid Settings: 1 to 5 numeric characters

Default Setting: 1000 (recommended)

JTT-PEEK-AT-STARTUP

This parameter describes a debugging tool for DR/Xpert's started task. This option will direct the started task to display some of its control structures immediately after initialization.

- Related Parameters:** JTT-TRACE-ENTRIES
- Valid Settings:** Y - display control structures
N - do not display control structures
- Default Setting:** N

JTT-SCAN-FREQUENCY

This parameter describes the frequency, in seconds, in which the job trigger table is inspected for work. The default is 300 seconds (5 minutes).

- Related Parameters:** JTT-ENTRY-COUNT
- Valid Settings:** 1 to 4 digits
- Default Setting:** 0300

JTT-TRACE-ENTRIES

This parameter describes a debugging tool for DR/Xpert's started task. This option will direct the started task to interpret and display job tracking table entries as they are provided by the job scheduling systems.

- Related Parameters:** JTT-PEEK-AT-STARTUP
- Valid Settings:** Y - perform interpret/display
N - do not perform interpret/display
- Default Setting:** N

KEYDB-BACKUP-FILE-GDG-BASE

This parameter specifies the name of the GDG base for the CopyCrypt Key database backup file. The backup is a GDG dataset. When the Key database backup program is run, it backs up the live

Key database to the next generation of this GDG dataset. This dataset is used in the recovery of the Key database.

Related Parameters: ENCRYPTION-KEY-DATABASE
KEYDB-DATASET-NAME

Valid Settings: A valid GDG base name no longer than 35 characters

Default Setting: CPYCRYPT.KEY.DB.BKUP



Note See [Chapter 12 "Encryption"](#) in the User Guide for more information on the CopyCrypt encryption functions.

KEYDB-BACKUP-LOG-GDG-BASE

This parameter specifies the name of the GDG base for the CopyCrypt Key database backup log. The backup log is a GDG dataset. When the Key database backup program is run it consolidates all generations of the active log to the next generation of the backup log. This dataset may be used during special recovery of the Key database (it would only be used when the most current backup of the Key database is unusable and a previous backup must be used).

Related Parameters: ENCRYPTION-KEY-DATABASE
KEYDB-LOG-GDG-BASE

Valid Settings: A valid GDG base name no longer than 35 characters

Default Setting: CPYCRYPT.KEY.LOG.BKUP



Note See [Chapter 12 "Encryption"](#) in the User Guide for more information on the CopyCrypt encryption functions.

KEYDB-DATASET-NAME

This parameter specifies the full name of the CopyCrypt Key database. The key database holds keys used for encryption.

Related Parameters: ENCRYPTION-KEY-DATABASE

Valid Settings: Full dataset name of the CopyCrypt Key database (up to 44 characters)

Default Setting: CPYCRYPT.KEY.DB



Note See [Chapter 12 "Encryption"](#) in the User Guide for more information on the CopyCrypt encryption functions.

KEYDB-LOG-GDG-BASE

This parameter specifies the name of the GDG base for the CopyCrypt Key database log (sometimes referred to as the "active" log). The log is a GDG dataset. All updates to the Key database are first logged to the log dataset. The log dataset is used in recovery of the Key database.

Related Parameters: ENCRYPTION-KEY-DATABASE
KEYDB-DATASET-NAME
KEYDB-BACKUP-LOG-GDG-BASE

Valid Settings: A valid GDG base name no longer than 35 characters

Default Setting: CPYCRYPT.KEY.LOG



Note See [Chapter 12 "Encryption"](#) in the User Guide for more information on the CopyCrypt encryption functions.

KEYDB-NUMBER-OF-RECORDS

This parameter specifies the maximum number of records (keys) that are expected to be in the CopyCrypt Key Database. It is used when the database is initially created to determine the size of the database.

Related Parameters: ENCRYPTION-KEY-DATABASE
KEYDB-DATASET-NAME

Valid Settings: Any number up to 10000000

Default Setting: 12000



Note See [Chapter 12 “Encryption”](#) in the User Guide for more information on the CopyCrypt encryption functions.

MAINTENANCE-ACTION-FOR-DELETE

This parameter is the action taken by the backup database maintenance program when a dataset is no longer critical. This database maintenance program runs as part of the backup database load JOB stream.

Related Parameters: None

Valid Settings: DELETE removes a dataset entry from the database.
INACT inactivate an entry, where dataset definitions remain in the database, but no action is taken during backup.
NONE dataset record remains in the database and DR/Xpert continues to back up the dataset.

Default Setting: DELETE

MAX-INPUT-DDNAMES-FOR-TAPECOPY-DRIVER

This parameter limits the number of tape drives the TAPECOPY driver allocates when it copies data from multiple tape libraries to a single stacked tape.

Related Parameters: None

Valid Settings: Numeric, 1 digit

Default Setting: 9

MAXIMUM-ACCEPTABLE-BVIR-DB-AGE-IN-DAYS

This parameter identifies the maximum age in days DR/Xpert will tolerate for the BVIR database(s). An age older than the specified value is too old for DR/Xpert to consider as relevant data.

This parameter is effective when DYNAMIC-ALLOCATION-BVIRVSAM-DATASET-NAME-PREFIX parameter is set to a value other than NONE.

If the date from BVIR data is older than this value, DR/Xpert will issue a series of error messages informing the user that the BVIR data is too old, and it will not use the BVIR interface until the BVIR database is reloaded with newer data.

Related Parameters: DYNAMIC-ALLOCATION-BVIRVSAM-DATASET-NAME-PREFIX

Valid Settings: Numeric value 1 - 9999

Default Setting: 1

MAXIMUM-HSM-RECALLS-PER-JOB

MAXIMUM-HSM-RECALLS-PER-JOB limits the number of recall requests made to HSM. When this parameter is used, the set of files to be recalled are divided into multiple call sets. The intent is to limit resources HSM uses when recalling more than one dataset at a time.

This parameter was added in response to the following error message:

ARC0059I CSA USAGE BY DFSMSHSM HAS REACHED MAXIMUM LIMIT OF
000NNNK BYTES, JOB=<JOBNAME> FAILED

Related Parameters: NONE

Valid Settings: A one to four digit number

Default Setting: 256

MINUTES-TO-WAIT-FOR-VOLSERS-TO-FREE-UP

This parameter is used to specify how long a tape-to-tape copy processor conversion job is to wait for a volume to become available when it finds that a volume it needs to copy is owned by another job.

Related Parameters: None

Valid Settings: 1-999 -Minutes to wait for volume to become free
0 -the tape-to-tape backup driver will not wait at all

Default Setting: 0

MODIFY-INPUT-CREATING-STEPNAME

This parameter directs tape-to-tape copy processor to insert the character string acquired from the INPUT-CREATING-STEPNAME-VALUE parameter into the creating step name field for a tape dataset.

Related Parameters: INPUT-CREATING-STEPNAME-VALUE

Valid Settings: YES - Replace the creating step name on moved input tapes with the value from the INPUT-CREATING-STEPNAME-VALUE parameter name
NO - Do not modify the input tape creating step name

Default Setting: YES



Note This parameter is used in the expiration of obsolete backups found during the DR/Xpert Backup Audit and Scratch Process and applies to TLMS users only.

MOVE-EXPIRE-MANAGEMENTVALUE

This parameter tells tape-to-tape copy processor whether to update the MANAGEMENTVALUE field contents in the input DFSMSrmm CDS dataset record, or to leave the field contents as they were before the copy was made.

Related Parameters: NONE

Valid Settings: ASIS -Leaves the contents of the MANAGEMENTVALUE field on the input record unchanged
A valid DFSMSrmm MANAGEMENTVALUE to be placed in all of the input dataset records. This VRS Management Value should be defined to expire the input datasets records either immediately or in a few days depending on your data center standards for additional retention days.

Default Setting: ASIS



Note This parameter only applies to DFSMSrmm users.

An unidentified VRS value can be specified. However, this will cause the file to be retained by EDGHSKP processing based solely on the volume record's expiration date.

MOVED-DATASET-RETENTION-PERIOD

This parameter specifies when datasets selected by the DR/Xpert audit and scratch utility should be flagged for scratch. The format is a number of days (to be added to the current date), a Julian date (yyyy.ddd) or a Gregorian date (mm/dd/yyyy) for setting an expiration date.

Related Parameters: None

Valid Settings: A valid number
Julian date (YYYY.DDD)
Gregorian date (MM/DD/YYYY)

Default Setting: 0



Warning This parameter is not used to control the input datasets expiration date for TLMS users. DR/Xpert uses a different process for expiring datasets when the tape management system is TLMS. For TLMS, this parameter value is used when the TLMSSTEP process is run. For more information on the process used by DR/Xpert to expire TLMS datasets, see [Chapter 5](#) of the DR/Xpert Installation Guide.

NEWNAME-DEFAULT-GDG-LIMIT

This parameter contains the default GDG limit setting to use if a GDG base for the input dataset name is not found during newname processing. Since the newname process models its newname GDG bases on the GDG base of the input dataset name, if the input GDG base is missing and the output newnamed dataset is to be cataloged, this value helps to set up the GDG base for the output newname dataset.

Related Parameters:	None
Valid Settings:	Any valid number 1 - 255
Default Setting:	7 (recommended)

NO-BACKUP-READY-RETURN-CODE

This parameter is used by DR/Xpert's phase-2 Backup JOB stream whenever there is no backup work to be done. That is, all aggregates of a given type have been serviced.

Related Parameters:	REPEAT-DRIVERS
Valid Settings:	Any valid return code. Whatever value is specified is the return code given to the job step when no work is available.
Default Setting:	0 – this is the recommended value.



Note If a value other than 0 is specified, be sure to set REPEAT-DRIVERS to NO.

NOTIFY-USERID

This parameter contains the user id that is to be notified at the completion of all DR/Xpert jobs.

Related Parameters:	None
Valid Settings:	NONE - This parameter is not in use Any valid userid
Default Setting:	NONE

ONLINE-DATABASE

This parameter controls whether DR/Xpert will have one or two backup environments. Configuring DR/Xpert in its traditional structure, batch and online are separated into two environments. Online backups and recoveries are controlled and managed through an online database, and similarly, batch backups and recoveries are controlled through its database.

This optional parameter allows the customer to combine batch and online into one environment where DR/Xpert's data is kept in one database; thus, the backups and recoveries are controlled as a single environment.

Related Parameters: None

Valid Settings: YES – DR/Xpert will have an online BKPDBASE and a batch BKPDBASE.
NO – The batch backup database and its support files will contain both batch and online information.

Default Setting: YES

ONLINE-INIT-BACKUP-REQUEST-QUEUE-SLOTS

This parameter is a five-digit number that describes the number of elements in the online backup queue. This parameter relates directly to an IDCAMS RECORDS keyword when defining an ESDS dataset for the BKPQUEUE.

Related Parameters: ONLINE-INIT-CYCLEN-OFFSET
ONLINE-INIT-DATABASE-PRIMARY-TRACKS
ONLINE-INIT-DATABASE-SECONDARY-TRACKS
ONLINE-INIT-DEFAULT-PATTERN-GENERATIONS
ONLINE-INIT-ENQ-BKPDBASE-RNAME
ONLINE-INIT-ENQ-BKPQUEUE-RNAME
ONLINE-INIT-ENQ-QUEUE-NAME
ONLINE-INIT-READONLY-DEFAULT-DUMP-TIME
ONLINE-INIT-SYNCPOINT-NUMBER
DYNAMIC-ALLOCATION-VSAM-DATASET-NAME-PREFIX
DYNAMIC-ALLOCATION-VSAM-DATA-VOLSER
DYNAMIC-ALLOCATION-VSAM-INDEX-VOLSER

Valid Settings: Numeric, 1 to 5 digits

Default Setting: 20000

ONLINE-INIT-CYCLENO-OFFSET

This parameter is the initial value for the backup cycle ID and it is placed in the backup database during when initializing the backup database.

This value should be the same as for the ONLINE-INIT-SYNCPOINT-NUMBER.

Related Parameters: ONLINE-INIT-BACKUP-REQUEST-QUEUE-SLOTS
ONLINE-INIT-DATABASE-PRIMARY-TRACKS
ONLINE-INIT-DATABASE-SECONDARY-TRACKS
ONLINE-INIT-DEFAULT-PATTERN-GENERATIONS
ONLINE-INIT-ENQ-BKPDBASE-RNAME
ONLINE-INIT-ENQ-BKPQUEUE-RNAME
ONLINE-INIT-ENQ-QUEUE-NAME
ONLINE-INIT-READONLY-DEFAULT-DUMP-TIME
ONLINE-INIT-SYNCPOINT-NUMBER

Valid Settings: 1 to 5 numeric digits

Default Setting: 1 (recommended)

ONLINE-INIT-DATABASE-PRIMARY-TRACKS

This parameter is a five-digit number that describes the primary track allocation for the online backup database (BKPDBASE). It is used in the creation of DR/Xpert's BKPDBASE file as a VSAM dataset.

Related Parameters: ONLINE-INIT-BACKUP-REQUEST-QUEUE-SLOTS
ONLINE-INIT-CYCLENO-OFFSET
ONLINE-INIT-DATABASE-SECONDARY-TRACKS
ONLINE-INIT-DEFAULT-PATTERN-GENERATIONS
ONLINE-INIT-ENQ-BKPDBASE-RNAME
ONLINE-INIT-ENQ-BKPQUEUE-RNAME
ONLINE-INIT-ENQ-QUEUE-NAME
ONLINE-INIT-READONLY-DEFAULT-DUMP-TIME
ONLINE-INIT-SYNCPOINT-NUMBER
DYNAMIC-ALLOCATION-VSAM-DATASET-NAME-PREFIX
DYNAMIC-ALLOCATION-VSAM-DATA-VOLSER
DYNAMIC-ALLOCATION-VSAM-INDEX-VOLSER

Valid Settings: Numeric, 1 to 5 digits

Default Setting: 300

ONLINE-INIT-DATABASE-SECONDARY-TRACKS

This parameter is a five-digit number that describes the secondary track allocation for the online backup database (BKPDBASE). It is used in the creation of DR/Xpert's BKPDBASE file as a VSAM dataset.

Related Parameters:

- ONLINE-INIT-BACKUP-REQUEST-QUEUE-SLOTS
- ONLINE-INIT-CYCLEN-OFFSET
- ONLINE-INIT-DATABASE-PRIMARY-TRACKS
- ONLINE-INIT-DEFAULT-PATTERN-GENERATIONS
- ONLINE-INIT-ENQ-BKPDBASE-RNAME
- ONLINE-INIT-ENQ-BKPQUEUE-RNAME
- ONLINE-INIT-ENQ-QUEUENAME
- ONLINE-INIT-READONLY-DEFAULT-DUMP-TIME
- ONLINE-INIT-SYNCPOINT-NUMBER
- DYNAMIC-ALLOCATION-VSAM-DATASET-NAME-PREFIX
- DYNAMIC-ALLOCATION-VSAM-DATA-VOLSER
- DYNAMIC-ALLOCATION-VSAM-INDEX-VOLSER

Valid Settings: Numeric, 1 to 5 digits

Default Setting: 300

ONLINE-INIT-DEFAULT-PATTERN-GENERATIONS

This parameter is a three-digit number that determines how many datasets are backed up relative to a generic dataset name pattern or a generation data group.

When this parameter is applied to a dataset using a pattern, the datasets selected for backup fall within a catalog lookup using a wildcard pattern. The catalog lookup returns discrete datasets that satisfy the wildcard pattern along with the dataset's creation date. The datasets are selected for backup from newest to oldest and are limited by the number of days specified by this parameter.

When this parameter is applied to generation datasets, the datasets selected for backup fall in order from the highest to least relative generation number. To be exact, DR/Xpert passes DFSMSDss relative generation numbers beginning with (-000) through (-nnn) until this parameter is satisfied. Therefore, the datasets selected for backup are limited by the number of generations specified by this parameter. The specific selection of datasets is according to DFSMSDss's specific interpretation of this relative number.

For example, if BATCH-INIT-DEFAULT-PATTERN-GENERATIONS is set to 3 and DR/Xpert encounters a generation dataset, it will backup the three highest newest three datasets. If DR/Xpert encounters a pattern dataset, it will backup all datasets falling within three days using that pattern.

Related Parameters: BATCH-INIT-DEFAULT-PATTERN-GENERATIONS
ONLINE-INIT-BACKUP-REQUEST-QUEUE-SLOTS
ONLINE-INIT-CYCLENO-OFFSET
ONLINE-INIT-DATABASE-PRIMARY-TRACKS
ONLINE-INIT-DATABASE-SECONDARY-TRACKS
ONLINE-INIT-ENQ-BKPDATABASE-RNAME
ONLINE-INIT-ENQ-BKPQUEUE-RNAME
ONLINE-INIT-ENQ-QUEUE-NAME
ONLINE-INIT-READONLY-DEFAULT-DUMP-TIME
ONLINE-INIT-SYNCPOINT-NUMBER

Valid Settings: Numeric, 1 to 3 digits

Default Setting: 2

ONLINE-INIT-ENQ-BKPDBASE-RNAME

DR/Xpert uses this string to serialize access to the backup database. This parameter's value should be different from that of BATCH-INIT-ENQ-BKPDBASE-RNAME; otherwise, a conflict may result.

Related Parameters: ONLINE-INIT-BACKUP-REQUEST-QUEUE-SLOTS
ONLINE-INIT-CYCLENO-OFFSET
ONLINE-INIT-DATABASE-PRIMARY-TRACKS
ONLINE-INIT-DATABASE-SECONDARY-TRACKS
ONLINE-INIT-DEFAULT-PATTERN-GENERATIONS
ONLINE-INIT-ENQ-BKPQUEUE-RNAME
ONLINE-INIT-ENQ-QUEUE-NAME
ONLINE-INIT-READONLY-DEFAULT-DUMP-TIME
ONLINE-INIT-SYNCPOINT-NUMBER

Valid Settings: Alphabetic, numeric, national characters, and period; maximum 17 characters.

Default Setting: BKPDBASE.OTSCPUXO

ONLINE-INIT-ENQ-BKPQUEUE-RNAME

DR/Xpert uses this string to serialize access to the backup queue. This parameter's value should be different from that of BATCH-INIT-ENQ-BKPQUEUE-RNAME, otherwise, a conflict will result.

Related Parameters: ONLINE-INIT-BACKUP-REQUEST-QUEUE-SLOTS
ONLINE-INIT-CYCLENO-OFFSET
ONLINE-INIT-DATABASE-PRIMARY-TRACKS
ONLINE-INIT-DATABASE-SECONDARY-TRACKS
ONLINE-INIT-DEFAULT-PATTERN-GENERATIONS
ONLINE-INIT-ENQ-BKPDBASE-RNAME
ONLINE-INIT-ENQ-QUEUE-NAME
ONLINE-INIT-READONLY-DEFAULT-DUMP-TIME
ONLINE-INIT-SYNCPOINT-NUMBER

Valid Settings: Alphabetic, numeric, national characters, and period; maximum 17 characters.

Default Setting: BKPQUEUE.OTSCPUXO

ONLINE-INIT-ENQ-QUEUENAME

DR/Xpert will use this string to serialize access to the backup database and backup queue.

Related Parameters: ONLINE-INIT-BACKUP-REQUEST-QUEUE-SLOTS
ONLINE-INIT-CYCLEN-OFFSET
ONLINE-INIT-DATABASE-PRIMARY-TRACKS
ONLINE-INIT-DATABASE-SECONDARY-TRACKS
ONLINE-INIT-DEFAULT-PATTERN-GENERATIONS
ONLINE-INIT-ENQ-BKPDBASE-RNAME
ONLINE-INIT-ENQ-BKPQUEUE-RNAME
ONLINE-INIT-READONLY-DEFAULT-DUMP-TIME
ONLINE-INIT-SYNCPOINT-NUMBER

Valid Settings: Alphabetic, numeric, and national characters; maximum 8 characters.

Default Setting: BKPENQDQ

ONLINE-INIT-READONLY-DEFAULT-DUMP-TIME

DR/Xpert uses this parameter as the default time when defining time managed definitions for read-only critical datasets.

Elements of DR/Xpert's time managed backup class are backed up after a specified time-of-day. Aggregate backup jobs will not select time-managed datasets for backup until after the time associated with that file.

Related Parameters: ONLINE-INIT-BACKUP-REQUEST-QUEUE-SLOTS
ONLINE-INIT-CYCLEN-OFFSET
ONLINE-INIT-DATABASE-PRIMARY-TRACKS
ONLINE-INIT-DATABASE-SECONDARY-TRACKS
ONLINE-INIT-DEFAULT-PATTERN-GENERATIONS
ONLINE-INIT-ENQ-BKPDBASE-RNAME
ONLINE-INIT-ENQ-BKPQUEUE-RNAME
ONLINE-INIT-ENQ-QUEUENAME
ONLINE-INIT-SYNCPOINT-NUMBER

Valid Settings: 4-digits, hhmm in the format of 24-hour time (0000 2359)

Default Setting: 0000

ONLINE-INIT-SYNCPOINT-NUMBER

This parameter is the initial value for the backup synchronization cycle ID and it is placed in the backup database during when initializing the backup database.

This value should be the same as for the ONLINE-INIT-CYCLEN-OFFSET.

Related Parameters: ONLINE-INIT-BACKUP-REQUEST-QUEUE-SLOTS
ONLINE-INIT-CYCLEN-OFFSET
ONLINE-INIT-DATABASE-PRIMARY-TRACKS
ONLINE-INIT-DATABASE-SECONDARY-TRACKS
ONLINE-INIT-DEFAULT-PATTERN-GENERATIONS
ONLINE-INIT-ENQ-BKPDBASE-RNAME
ONLINE-INIT-ENQ-BKPQUEUE-RNAME
ONLINE-INIT-ENQ-QUEUE-NAME
ONLINE-INIT-READONLY-DEFAULT-DUMP-TIME

Valid Settings: 1 to 5 numeric digits

Default Setting: 1 (recommended)

OUTPUT-VOLUME-TEMPORARY-RETENTION

This parameter is used to specify the number of days retention that output volumes will be set to at open time. This parameter should be set to a number higher than the maximum number of days that a conversion job might run. This retention is “temporary” because after the data is successfully copied, the output tape dataset expiration date will be updated to the expiration of the input tape dataset.

Related Parameters: None

Valid Settings: 2 - 999 (days)
ASIS (see notes below)

Default Setting: 7



Note Setting this parameter to a numeric value applies to all supported tape management systems EXCEPT RMM.

Setting this parameter to ASIS will cause Tape/Copy to use the expiration date of the input dataset to set the temporary retention of the output dataset during processing. When using RMM, Tape/Copy uses ASIS regardless of the user setting of this parameter to maintain the “original expiration date” field between the input and output volume records.

The ASIS parameter applies to the following tape management system releases/versions:

- CA-1 R5.2, R11.0, R11.5, and R12
 - Control-T R5.0, R5.1, R6.0, R6.1, R6.2, R6.3, and R7.0
 - RMM (All releases)
 - TLMS R5.5, R11.0, R11.5, and R12
 - ZARA R1.3, R1.4, R1.5, R1.6, R1.7, and R1.8
-

PARAMETER-SUMMARY-REPORT

This parameter tells DR/Xpert whether or not to produce the Parameter Summary Report.

Related Parameters: None

Valid Settings: YES - Produce the Parameter Summary Report
NO - Do not produce the Parameter Summary Report

Default Setting: YES

PERMANENT-MANAGEMENTVALUE

This parameter identifies the DFSMSrmm PERMANENT management value the tape-to-tape backup engine is to use for permanent retention tape datasets. The PERMANENT-MANAGEMENTVALUE parameter is only when a RMM dataset record has a retention value of PERMANENT and no management value listed.

Related Parameters: NONE

Valid Settings: The DFSMSrmm permanent retention VRS management value
NONE - This parameter is not is use

Default Setting: D99365



Note This parameter only applies to DFSMSrmm users.



Warning If your system does not already have a management value defined for use with the PERMANENT retention datasets in RMM, the user needs to define a management value for PERMANENT retention.

PHASE-1-JCL-MODE

DR/Xpert uses this parameter to decide how to it will process work on its scheduling queue.

Related Parameters: AGGREGATE-GROUP
BACKUP-TAPE-SIZE-OBJECTIVE
TRIGGER-BACKUP-ON-FILE-SIZE

Valid Settings: JOB_TRIGGER - the started task will trigger phase-1 aggregates when a certain size objective has been met. This size is the accumulated size of datasets in DR/Xpert's scheduling compared to a threshold value in TRIGGER-BACKUP-ON-FILE-SIZE.
EOD_SWEEP - the phase-1 aggregate program will break work into aggregate segments based on BACKUP-TAPE-SIZE-OBJECTIVE.
FINAL_SWEEP - DR/Xpert will initiate backups for all critical datasets that had unsuccessful backup or were never scheduled for backup.

Default Setting: EOD-SWEEP

PRODUCT-NAME

This parameter identifies the OpenTech Systems product.

Related Parameters: None

Valid Settings: Set by OpenTech Systems; Do not change

Default Setting: Varies



Warning DO NOT change the value of this parameter.

PROTECT-LAST-17-CHARACTERS-OF-DSNAME

This parameter allows the user to protect the last 17 characters of a tape dataset name from modification by the newname process. This protection is important for allowing quick recovery of a newnamed dataset back to the original dataset name. If the last 17 characters of the dataset name are modified, renaming a newnamed dataset back to its original dataset name will involve a tape mount and a data file copy to correct the label on the tape volume.

Related Parameters: ABEND-IF-CC-EXCEEDS

Valid Settings: YES - Protect the last 17 characters of the dataset name
NO - Do not protect the last 17 characters of the dataset name

Default Setting: YES

PULLLIST-PAGE-LENGTH

This parameter is used by DR/Xpert's Recovery JCL Generating program to set the page length for two members stored in the recovery JCL partitioned dataset: \$TAPES and \$JOBS. The value is set at 24 so that new title lines are generated every 24th line.

Related Parameters: None

Valid Settings: Numeric

Default Setting: 24

RACF-AUTHORIZATION-CHECKING

This parameter is used to identify what level of RACF Authorization Checking is to be performed when opening, reading, creating or writing datasets.

Related Parameters: None

Valid Settings: NO - This parameter is not in use
CURRENT - Use the current user id to use to check RACF read/
allocation/write authorization checking.
U=XXXXXXXX - where XXXXXXXX is the user id to use to check RACF
read/allocation/write authorization checking.

Default Setting: NO

READ-INPUT-TAPES-AS-98000

DR/Xpert can read the input tape as a tape outside of the tape management system. This will prevent the tape management system OPEN routines from updating the input tape dataset record in its database thereby giving a slight performance boost to the tape-to-tape data mover and close a window of exposure in case a copy job terminates abruptly and is not able to recover the input tape to its pre-conversion status. This parameter must be set to NO if your data center does not allow 98000 processing for input tapes.

Related Parameters:	NONE
Valid Settings:	YES - Read input tape as being from outside the tape management system NO - Read input tape as managed by tape management system
Default Setting:	YES

READ-ONLY-AGEING-DAYS

This parameter specifies the number of days that must elapse since the previous backup in order for DR/Xpert to force new backups of read-only files. The effect of this process is to consolidated older backups.

DR/Xpert uses this parameter to scan the backup data base looking for files that have not been backed up for several days and these files are scheduled for backup during the next end of day sweep.

Related Parameters:	AGE-MIGRATED-READ-ONLY-FILE READ-ONLY-SIZE-THRESHOLD
Valid Settings:	Numeric, up to four digits
Default Setting:	7

Generally READ-ONLY-AGEING-DAYS should be less than or equal to EXPIRE-INACTIVE-AGGREGATE-AGE. Care should be taken if this parameter is greater than EXPIRE-INACTIVE-AGGREGATE-AGE because it could prevent DR/Xpert from freeing aggregate backup tapes on planned age. OpenTech Systems recommends setting both of these parameters to the same value.

READ-ONLY-SIZE-THRESHOLD

This parameter specifies the maximum total size of read-only files in an aggregate for the aggregate to be processed by the Read-Only File Cleanup and Override (the Recycle Job). Files in aggregates whose total size of read-only files exceed this threshold will not be flagged for backup. The purpose is to postpone consolidation of older DR/Xpert managed backup files until they are large enough to make it worth the effort.

Related Parameters: AGE-MIGRATED-READ-ONLY-FILE
READ-ONLY-AGEING-DAYS
THRESHOLD-PERCENTAGE-OF-ORIGINAL-BACKUP-SIZE

Valid Settings: This parameter is specified in units of megabytes, gigabytes, a percentage of a tape device's capacity, or a percentage of the original backup size.

If this parameter is specified in megabytes, use 1 to 4 digits followed by MB with no spaces between the digits and MB. For example, 125MB.

Similarly, if this parameter is specified in gigabytes, use 1 to 4 digits followed by GB. For example, 60GB.

THRESHOLD-PERCENTAGE-OF-ORIGINAL-BACKUP-SIZE has been added to specify two different types of recycle percentages.

If this parameter is specified as a percentage, use one to two digits followed by a percent sign, without intervening spaces. For example, use 70%.

DR/Xpert uses THRESHOLD-PERCENTAGE-OF-ORIGINAL-BACKUP-SIZE to define how the percentage is applied; thus, DR/Xpert has two ways to act on recycle percentages.

The original recycle percentage feature supports recycling when the accumulated active dataset file size falls below a percent of a device capacity.

Conversely, a newer percentage feature supports recycling when accumulated active dataset file size falls below a percentage of the original backup file size.

Percent of Original

When THRESHOLD-PERCENTAGE-OF-ORIGINAL-BACKUP-SIZE is set to YES, the recycle logic is triggered when active dataset sizes fall below a percentage of the original backup. READ-ONLY-SIZE-THRESHOLD contains the percentage.

Conceptually, DR/Xpert works this way:

- DR/Xpert backs up files, it accumulates the file sizes and it stores the accumulated size of the original backups.
- As newer backups supersede files on an older backup, those files are no longer active on the older backup.
- The older backup's accumulated active backup size diminishes over time.

- When the summed active file sizes for the older backup falls below a percentage of the original backup size, a recycle is performed.

For example, suppose READ-ONLY-SIZE-THRESHOLD is 70%; and suppose further that the total file sizes of a backup are 100GB.

- Over time, newer backups are made of files with the same names as on the older backup. That results in space on the older backup to become useless.
- When the sizes for the useful backups fall below 70 GB (70 percent of the original), the remaining files on the older backup are scheduled for recycle.

Percent of Objective

When THRESHOLD-PERCENTAGE-OF-ORIGINAL-BACKUP-SIZE is set to NO, the recycle logic is triggered when the active dataset sizes fall below a percentage of device capacity. READ-ONLY-SIZE-THRESHOLD contains the percentage; and tape capacities are constants inside one of DR/Xpert's utilities.

The sizes are compared to the device's logical size as opposed to its physical size, that is, DR/Xpert applies a compaction ratio to the accumulating file sizes and compares the summary size to the device's logical capacity. So if you specify 50% for this parameter, DR/Xpert's will assume 50% after compaction.

The BACKUP-MEDIA-TYPE defines the device and implies the capacity.

Suppose a backup is made to 3592J devices. OpenTech Systems describes a 3592J as 300GB non-compacted, 900GB compacted. Suppose READ-ONLY-SIZE-THRESHOLD is 30%.

- Over time, newer backups are made of files with the same names as on the older backup. That results in space on the older backup to become useless.
- When the sizes for the useful backups fall below 270GB (30 percent of a 3592J), the remaining files on the older backup are scheduled for recycle.

Default Setting: 30%

RECOVER-FROM-DUPLEX

This parameter directs DR/Xpert's Recovery JCL Generation Program to restore from DR/Xpert duplex files.

Related Parameters: DUPLEX-MEDIA-TYPE
RECOVERY-CYCLE
RECOVERY-FILE-FOREIGN-TAPE-VALUE

Valid Settings: YES -The recovery JCL will contain the names and volumes of DR/Xpert duplex backup files.
NO -The recovery JCL will contain the names and volumes of DR/Xpert primary backup files.

Default Setting: NO



Warning This parameter applies to DR/Xpert duplex copies, not VDR duplex files. See VDR-RECOVERY-INSTRUCTIONS to use VDR duplex files.



Note If DUPLEX-MEDIA-TYPE was NONE at time of backup, no duplex backup file will be available.

RECOVERY-CYCLE

This parameter is used by DR/Xpert's Recovery JCL Generation Program; it identifies the date from which recovery files are imported.

Related Parameters: DUPLEX-MEDIA-TYPE
RECOVER-FROM-DUPLEX
RECOVERY-FILE-FOREIGN-TAPE-VALUE

Valid Settings: CURRENT -The most recently completed backup cycle. This is the recommended value.
Any valid date -The date from which a recovery file is imported.

Default Setting: CURRENT

RECOVERY-MEDIA-TYPE

This parameter describes the media type for DR/Xpert recovery files.

Related Parameters: BACKUP-MEDIA-TYPE
 DUPLEX-MEDIA-TYPE

Valid Settings: Any device found in the IOCNTLTB member of PARMLIB

Default Setting: 3490

This parameter is used during recovery functions and is used to specify an alternate media type if the recovery is to a different media than the original backup. The normal specification for BACKUP-MEDIA-TYPE and RECOVERY-MEDIA-TYPE will reflect the same value.

RECOVERY-SCRATCH-DISK-OPTION

This parameter describes the delete option for IDCAMS during recovery processing.

Related Parameters: None

Valid Settings: SCRATCH or NOSCRATCH

Default Setting: SCRATCH

This parameter allows you to restore the catalog to an empty disk and submit the delete jobs with NOSCRATCH to prevent an IDCAMS RC(8) on the delete of non-existent datasets.

RECOVERY-FILE-FOREIGN-TAPE-VALUE

This parameter causes DR/Xpert to add an industry standard expiration date to JCL generated by the Recovery JCL Generation Program. You would code this value in situations when conflicts exist between your tape management system and the volumes used in recovery.

Related Parameters: DUPLEX-MEDIA-TYPE
 RECOVER-FROM-DUPLEX
 RECOVERY-CYCLE

Valid Settings: NONE -Specify this parameter when an expiration date on the recovery volume is not is wanted.
 EXPDT=98000 - The recovery JCL generate a LABEL statement in the recovery JCL in this format: LABEL=(n,SL,EXPDT=98000)

Default Setting: NONE

RECOVERY-MEDIA-TYPE

This parameter describes the media type for DR/Xpert recovery files.

Related Parameters: BACKUP-MEDIA-TYPE
 DUPLEX-MEDIA-TYPE

Valid Settings: Any device found in the IOCNTLTB member of PARMLIB

Default Setting: 3496

This parameter is used during recovery functions and is used to specify an alternate media type if the recovery is to a different media than the original backup. The normal specification for BACKUP-MEDIA-TYPE and RECOVERY-MEDIA-TYPE will reflect the same value.

RECOVERY-SCRATCH-DISK-OPTION

This parameter describes the delete option for IDCAMS during recovery processing.

Related Parameters: None

Valid Settings: SCRATCH or NOSCRATCH

Default Setting: SCRATCH

This parameter allows you to restore the catalog to an empty disk and submit the delete jobs with NOSCRATCH to prevent an IDCAMS RC(8) on the delete of non-existent datasets.

RECOVERY-VOLSER-IN-JCL

This parameter is used to tell DR/Xpert whether or not to include the volume serial number for the backup dataset(s) in recovery JCL.

Related Parameters: None

Valid Settings: YES - DR/Xpert will generate a volume serial list in the recovery JCL for the backup dataset. The volser will be hardcoded in the recovery JCL.

NO - DR/Xpert will not generate volume serial information for the backup file(s) in recovery JCL.

This option can be useful when copying backup files to other tape volumes and the system catalog will be used to identify the backup files, in which case the hardcoded volser is not needed.

Default Setting: NO

REGISTER-DISK-BACKUP-PERIOD

This parameter controls the action taken by the BKUPPNT JOB stream. The BKUPPNT JOB registers a time-of-day in the DR/Xpert's backup database recording a time when a system-wide volume backup is performed. Data management personnel would submit the BKUPPNT JOB to establish a time for DR/Xpert to begin a backup period. The backup period lasts from system-wide volume backup to the next system-wide backup.

Related Parameters: REGISTER-TAPE-BACKUP-PERIOD
DISK-RECOVERY-STARTS-FROM
TAPE-RECOVERY-STARTS-FROM
EXPIRE-DISK-AGGREGATES-WHEN
EXPIRE-TAPE-AGGREGATES-WHEN

Valid Settings: YES
NO or NONE
UNCHANGED

Default Setting: NONE



Note

- YES directs BKUPPNT to register the current time of day in the backup database. Previous dates are retained up to nine additional dates.
 - NO directs the BKUPPNT to register zeros for the backup date. This functionally makes the backup period indefinite causing DR/Xpert to use all critical disk entries during backup, recovery, and audit processing.
 - UNCHANGED instructs the BKUPPNT job to preserve the registry for disk backup period field. The purpose of UNCHANGED for REGISTER DISK BACKUP PERIOD parameter is an instance of BKUPPNT can run with a specification of YES for REGISTER TAPE BACKUP PERIOD.
-

REGISTER-TAPE-BACKUP-PERIOD

This parameter controls the action taken by the BKUPPNT JOB stream. The BKUPPNT JOB can register a time-of-day in the DR/Xpert's backup database recording a tape synchronization event occurrences (export, backup tape catalog, and backup ICF catalog). Data management personnel would submit the BKUPPNT JOB to establish a time for DR/Xpert to begin a backup period. The backup period lasts until the next backed tape is sent to the vault

Related Parameters: REGISTER-DISK-BACKUP-PERIOD
DISK-RECOVERY-STARTS-FROM
TAPE-RECOVERY-STARTS-FROM
EXPIRE-DISK-AGGREGATES-WHEN
EXPIRE-TAPE-AGGREGATES-WHEN

Valid Settings: YES
NO or NONE
UNCHANGED

Default Setting: NONE



Note

- YES directs BKUPPNT to register the current time of day in the backup database. Previous dates are retained up to nine additional dates.
 - NO directs the BKUPPNT to register zeros for the backup date. This functionally makes the backup period indefinite causing DR/Xpert to use all critical tape entries during backup, recovery, and audit processing.
 - UNCHANGED instructs the BKUPPNT job to preserve the registry for tape backup period field. The purpose of UNCHANGED for REGISTER TAPE BACKUP PERIOD parameter is an instance of BKUPPNT and can run with a specification of YES for REGISTER DISK BACKUP PERIOD.
-

REPEAT-DRIVERS

When this parameter is set to YES, the DR/Xpert's Phase-2 backup program will attempt to service the next available aggregate. If all aggregates are either finished or in-progress, the program will complete.

Related Parameters: AGGREGATE-TYPE

Valid Settings: YES or NO

Default Setting: NO



- The next available driver must be earmarked for the same driver. That is, all aggregates will be serviced by the same utility. See ["AGGREGATE-TYPE"](#).
- YES is recommended if the maximum number of backup jobs is non-zero, especially for THRESHOLD backup strategy. See BKUPJOBS member.

REPORT-PAGE-LENGTH

This parameter defines the length of each report page.

Related Parameters: None

Valid Settings: Any valid number

Default Setting: 60



Warning If this parameter is set to a value greater than 999, DR/Xpert will not produce report headings.

REQUIRED-FILES-IDENTIFIER

This parameter is used to attach a JOB name to datasets listed in the REQUIRED backup table. The contents of the REQUIRED backup table are overrides to DR/Xpert's ANALYSIS Engine. The JOB name is intended to be an eye-catcher so that someone reading the Critical Dataset Report would know that a given dataset was critical due to an override.

Related Parameters: None

Valid Settings: Any character string up to 8 characters.

Default Setting: REQUIRE!

ROBOTIC-TAPE-ENVIRONMENT-PRESENT

This parameter tells the DR/Xpert set up process that one or more robotic (real or virtual) tape libraries are present. These robotic libraries must be defined in the JOBSTMTS member and the IOCNTLTB member of the DR/Xpert PARMLIB during installation.

Related Parameters: None

Valid Settings: YES - Robotic tape libraries are present
NO - Robotic tape libraries are not present

Default Setting: NO

SCHEDULER-TIME

This parameter describes the cutoff time for a production cycle.

Related Parameters: SCHEDULING-PRODUCT-NAME

Valid Settings: A valid time value in hours and minutes. (format: *hhmm*)

Default Setting: 0000

SCHEDULING-PRODUCT-NAME

This parameter describes the client's scheduling product. This parameter is used to determine the format of the scheduling product's production job report.

Related Parameters: SCHEDULER-TIME

Valid Settings: CA7
ESP
OPC
NONE

Default Setting: NONE

SCRATCH-BACKUP-PDS

This parameter directs DR/Xpert to scratch backup JCL partitioned datasets at end-of-day.

Related Parameters:	None
Valid Settings:	YES, NO
Default Setting:	NO



Note Refer to BKUPPDS member for more information concerning the generation of backup JCL and the stowing of members in backup JCL partitioned datasets.

SCRATCH-PREEXISTING-UNCATALOGED-DASD-DATASETS

This parameter tells DR/Xpert if it can scratch any preexisting self-generated work files.

Related Parameters:	None
Valid Settings:	YES - Scratch pre-existing uncataloged DASD datasets NO - Do not scratch pre-existing uncataloged DASD datasets
Default Setting:	YES

SCRATCH-RECOVERY-PDS

This parameter is used by DR/Xpert's Recovery JCL Generation Program; it directs that program to scratch the recovery partitioned datasets before storing any JCL.

Related Parameters:	RECOVER-FROM-DUPLEX RECOVERY-CYCLE RECOVERY-FILE-FOREIGN-TAPE-VALUE
Valid Settings:	YES -any dataset found in any THEN or DEFAULT clause is scratched at the beginning of execution. NO -no datasets are scratched. Any new members are added; any old members are replaced.
Default Setting:	NO

SCROLL-JOB-NAMES-FROM

This parameter is used by DR/Xpert's phase-1 Backup JOB streams and the RECOVERY JCL Generator to specify the starting character for scrolling character substitution. The scrolling characters are question marks (?). The starting character is relative to the JOB-NAMES-CHARS keyword.

Related Parameters: JCL-MODEL-STATEMENTS-MEMBER
JOB-NAME-SCROLLING-LIMIT
JOB-NAME-CHARS

Valid Settings: 0 or 1

Default Setting: 0



Note The intent of this parameter is to allow scrolling characters to begin at zero (0) or one (1). Given the job name pattern BACKUP?? and JOB-NAME-CHARS set to 0123456789..., DR/Xpert would generate BACKUP00 for the first job name, and BACKUP01 for the second. If the customer prefers BACKUP01 for the first job name, code SCROLL-JOB-NAMES-FROM: 1.

SETUP-AGGREGATE-COUNT

DR/Xpert uses this parameter to determine how many aggregate records will be defined when the backup database is defined.

Related Parameters: None

Valid Settings: Up to a four digit number representing the initial number of aggregate definitions DR/Xpert will define.

Default Setting: 50

SIMULATE-ENCRYPTION

This parameter tells DR/Xpert whether or not to perform encryption in “live” mode, or in “simulate” mode which uses an OpenTech Systems encryption algorithm used for testing purposes only (no ICSF calls or hardware required).

Related Parameters: ENCRYPTION-FACILITY

Valid Settings: NO - actual encryption is used to encrypt and decrypt
YES - Encryption and decryption are simulated

Default Setting: NO



Warning This parameter should only be set to YES to allow testing of CopyCrypt. It should never be set to YES in production when tapes need to be actually encrypted for security or compliance purposes.



Note See [Chapter 12 “Encryption”](#) in the Users Guide for more information on CopyCrypt.

SMF-LOGGER-DATA-DISP

This parameter tells DR/Xpert whether to retain or delete data from the MVS Logger related to SMF capture.

Related Parameters: None

Valid Settings: DELETE – SMF data is deleted after DR/Xpert extracts it from the MVS Logger. OpenTech Systems recommends DELETE.
NODELETE – SMF data is retained.

Default Setting: DELETE

SMF-SELECT-FOR-EXTRACT

This parameter is used to limit the type of datasets selected for SMF analysis by device type. For example, if you select DISK only disk files will be managed by DR/Xpert; tape files will not be.

Related Parameters: None

Valid Settings: TAPE - Process only tape SMF data.
DISK - Process only disk SMF data.
BOTH - Process both tape and disk SMF data.

Default Setting: BOTH

SMFMERGE-HISTORY-RETENTION

DR/Xpert uses this parameter to obsolete information on the SMFMERGE generation dataset.

Related Parameters: None

Valid Settings: 1 to 3 digits

Default Setting: 365 (recommended)

SNAP-FULL-DUMP

This parameter tells DR/Xpert what type of snap dump to produce when the ESTAE-ENVIRONMENT-ACTIVE parameter is set to YES (default) and an abend occurs.

Related Parameters: ESTAE-ENVIRONMENT-ACTIVE

Valid Settings: NO - Will produce a small summary snap dump
YES - Will produce a full snap dump with a summary at the top

Default Setting: NO

SORT-PRODUCT-NAME

This parameter allows the user to tell DR/Xpert which sort product is installed on their system so that DR/Xpert can set up the appropriate dynamic interface for internal sorts.

Related Parameters:	SORT-PRODUCT-PARAMETERS-DDNAME
Valid Settings:	SYNCSORT DFSORT CASORT
Default Setting:	SYNCSORT

SORT-PRODUCT-PARAMETERS-DDNAME

This parameter tells DR/Xpert what DD name to assign to the sort statement file used by the user's sort product.

Related Parameters:	SORT-PRODUCT-NAME
Valid Settings:	Any valid DD name
Default Setting:	SORTPARM



Note SORTPARM is the default DD name for SYNCSORT (DR/Xpert requires the DD name specified by the ATLPARM value, not the PARMNME value). DFSORT and CASORT both use SORTCNTL as their DD name by default.

SPAN-ONTO-ADDITIONAL-OUTPUT-VOLUMES

This parameter controls whether the tape-to-tape copy engine allows the output to span onto secondary volumes.

Related Parameters:	None
Valid Settings:	YES - The output files can span to multiple volumes NO - The output files are limited to a single output tape. If more data is processed than will fit on a single tape, an error condition will be set and the current input volume set will be "reset".
Default Setting:	YES

SUPPRESS-ENCRYPTION-KEY-LABELS

This parameter, when set to YES, will cause the 64-character key label field in the Encryption Status Report and the Rules Processor Report to be suppressed. If set to NO, the 64 byte label (not the key value) of the key to use will be displayed on the reports.

Related Parameters: ENCRYPTION-FACILITY

Valid Settings: YES - Do not display the encryption key label on the reports.
NO - Display the encryption key label on the reports.

Default Setting: NO



Note See [Chapter 12 "Encryption"](#) in the User Guide for more information on the CopyCrypt encryption functions.



Warning This parameter affects the report values displayed only.

SUSPENSE-FILE-RETENTION

This parameter controls the number of days DR/Xpert will retain data in its suspense file. The suspense file keeps file information for jobs until a SMF step end-record is encountered. The suspense file is mostly populated with information from CICS jobs.

Related Parameters: NONE

Valid Settings: Numeric, 1 – 90

Default Setting: 8

SYSTEM-LOGGER-STREAM-NAME

The name of the system logger stream (LOGR) that DR/Xpert's SMF Data Collector uses to save DR/Xpert's SMF data information. This name is defined to the operating system using IBM's IXCMIAPU utility. A sample definition using IXCMIAPU is available in CDIXCDEF in DR/Xpert's JCL library.

Related Parameters: COMMON-DATASPACE-MAX-SIZE-IN-K

Valid Settings: 26-character dataset name.

Default Setting: OT.DRXPRT.LOGGER



Warning The dataset name specified for this parameter must be defined using IBM's IXCMIAPU utility. Refer to Configuring the System Logger Stream (LOGR) in [Chapter 4](#) of the User Guide for more information.

TAPE-MANAGEMENT-SUBSYSTEM-ID

The tape management subsystem id parameter identifies the subsystem id the tape management system is running under. ('ZARA' is the default subsystem id shipped with the ZARA product.)

Related Parameters: None

Valid Settings: NONE -Use this parameter when the data center's tape management system does not use a subsystem.
Any valid 4 character subsystem id

Default Setting: NONE



Note This parameter applies only to ZARA and Control-T users.

TAPE-MANAGEMENT-SYSTEM

The tape management system parameter identifies the tape management system and the release level currently installed at the host site.

Related Parameters: TMS-DATABASE-NAME
TMS-LOAD-LIB-NAME

Valid Settings:

- A-AUTO/R6.0
- AFM/V2.4
- CA1/R5.2
- CA1/R11.0
- CA1/R11.5
- CA1/R12
- CONTROL-T/R5.0
- CONTROL-T/R5.1
- CONTROL-T/R6.0
- CONTROL-T/R6.1
- CONTROL-T/R6.2
- CONTROL-T/R6.3
- CONTROL-T/R7.0
- RMM/R1.4
- RMM/R1.5
- RMM/R2.10
- RMM/Z1.1
- RMM/Z1.2
- RMM/Z1.3
- RMM/Z1.4
- RMM/Z1.5
- RMM/Z1.6
- RMM/Z1.7
- RMM/Z1.8
- RMM/Z1.9
- RMM/Z1.10
- RMM/Z1.11
- RMM/Z1.12
- RMM/Z1.13
- TLMS/R5.4
- TLMS/R5.5
- TLMS/R11.0
- TLMS/R11.5
- TLMS/R12
- ZARA/R1.3 (or AUTOMEDIA/R1.3)
- ZARA/R1.4 (or AUTOMEDIA/R1.4)
- ZARA/R1.5 (or AUTOMEDIA/R1.5)
- ZARA/R1.6 (or AUTOMEDIA/R1.6)
- ZARA/R1.7
- ZARA/R1.8
- NONE

Default Setting: NONE

TAPE-RECOVERY-STARTS-FROM

This parameter is a date or age at which DR/Xpert begins a tape recovery period. The use of this parameter suggests that some sort of virtual tape system synchronization point has taken place (export, backup tape catalog, and backup ICF catalog). The date or age specified by this keyword describes a date after which backups controlled by DR/Xpert are incremental.

In cases where a critical tape file's backup date is prior to the keyword's option, DR/Xpert assumes the given critical dataset is recovered by importing a tape library's back-end tape; thus, DR/Xpert can ignore the recovery of that critical file. In cases where the backup date follows the keyword's option, DR/Xpert recovers that dataset.

Related Parameters: DISK-RECOVERY-STARTS-FROM
EXPIRE-DISK-AGGREGATES-WHEN
EXPIRE-TAPE-AGGREGATES-WHEN
REGISTER-DISK-BACKUP-PERIOD
REGISTER-TAPE-BACKUP-PERIOD
GREGORIAN-DATE-FORMAT

Valid Settings: Valid Settings:NONE
0
A date (e.g., mm/dd/yyyy)
BKUPPNT-n

Default Setting: NONE



Note

- NONE or 0 (zero) means DR/Xpert recovery is not dependent upon a backup period. This is DR/Xpert's normal recovery mode. Instead, DR/Xpert recovers all critical tape files to either an empty or recovered virtual tape system.
 - BKUPPNT-1 is a token representing the most recent registered time that DR/Xpert's BKUPPNT job stream executed. The BKUPPNT job should be executed upon completion of a tape synchronization event. DR/Xpert recovers incremental backups from this recorded time through DR/Xpert daily sync-point.
 - BKUPPNT-2 through BKUPPNT-10 contain progressively older date registrations by the BKUPPNT JOB stream.
 - Date formats are governed by GREGORIAN-DATE-FORMAT.
 - OpenTech Systems recommends the specification of either NONE or BKUPPNT-1, depending on the recovery strategy used.
-

THRESHOLD-PERCENTAGE-OF-ORIGINAL-BACKUP-SIZE

DR/Xpert uses THRESHOLD-PERCENTAGE-OF-ORIGINAL-BACKUP-SIZE to define how the percentage is applied; thus, DR/Xpert has two ways to act on recycle percentages.

The original recycle percentage feature supports recycling when the accumulated active dataset file size falls below a percent of a device capacity.

Conversely, a newer percentage feature supports recycling when accumulated active dataset file size falls below a percentage of the original backup file size.

Related Parameters: READ-ONLY-SIZE-THRESHOLD
BACKUP-MEDIA-TYPE

Valid Settings: YES – Threshold is a percentage of the backup size
NO – Threshold is a percentage of a devices capacity

Default Setting: YES

TMS-DATABASE-NAME

This parameter tells DR/Xpert the name of the tape management system database.

Related Parameters: TAPE-MANAGEMENT-SYSTEM
TMS-LOAD-LIB-NAME

Valid Settings: NONE - This parameter is not in use
Any valid dataset name (the tape database name)

Default Setting: NONE



Note This parameter is required for all tape management systems except for RMM.

TMS-LOAD-LIB-NAME

This parameter tells DR/Xpert the name of the tape management system load library.

Related Parameters: TAPE-MANAGEMENT-SYSTEM
TMS-DATABASE-NAME

Valid Settings: NONE - This parameter is not in use
LINKLIST - The tape management system load library dataset is listed in the system linklst concatenation
Any valid dataset name

Default Setting: NONE



Note This parameter is required for TLMS and ZARA users, and required for CA-1 and TLMS users that do not have the tape management system loadlib listed in the system linklst concatenation. Otherwise it is optional.

TMS-PARMLIB-NAME

This parameter contains the name of the Control-T R6.0 (and up) or IOA parameter dataset.

Related Parameters: TAPE-MANAGEMENT-SYSTEM
TMS-DATABASE-NAME
TMS-LOAD-LIB-NAME
TMS-SECOND-DATASET-NAME
TMS-SECOND-PARMLIB-NAME
TMS-THIRD-DATASET-NAME

Valid Settings: NONE - Use NONE when this parameter is not applicable
Any valid dataset name

Default Setting: NONE



Note This parameter is required for Control-T users (R6.0 and up) only.

TMS-RETENTION-CONTROL-FILE-NAME

This parameter contains the name of the tape management system retention control file.

Related Parameters: TAPE-MANAGEMENT-SYSTEM
TMS-DATABASE-NAME
TMS-LOAD-LIB-NAME

Valid Settings: NONE - This parameter is not in use
Any valid dataset name

Default Setting: NONE



Note This parameter is required for TLMS users; optional for other users.

TMS-SECOND-DATASET-NAME

This parameter contains the name of the Control-T database index file.

Related Parameters: TAPE-MANAGEMENT-SYSTEM
TMS-DATABASE-NAME
TMS-LOAD-LIB-NAME
TMS-PARMLIB-NAME
TMS-SECOND-PARMLIB-NAME
TMS-THIRD-DATASET-NAME

Valid Settings: NONE - Use NONE when this parameter is not applicable
Any valid dataset name

Default Setting: NONE



Note This parameter is required for Control-T users (R6.0 and up) only.

TMS-SECOND-PARMLIB-NAME

This parameter contains the name of the Control-T R6.0 (and up) or IOA parameter dataset.

Related Parameters: TAPE-MANAGEMENT-SYSTEM
TMS-DATABASE-NAME
TMS-LOAD-LIB-NAME
TMS-PARMLIB-NAME
TMS-SECOND-DATASET-NAME
TMS-THIRD-DATASET-NAME

Valid Settings: NONE - Use NONE when this parameter is not applicable
Any valid dataset name

Default Setting: NONE



Note This parameter is required for Control-T users (R6.0 and up) only.

TMS-THIRD-DATASET-NAME

This parameter contains the name of the Control-T database index file.

Related Parameters: TAPE-MANAGEMENT-SYSTEM
TMS-DATABASE-NAME
TMS-LOAD-LIB-NAME
TMS-PARMLIB-NAME
TMS-SECOND-DATASET-NAME
TMS-SECOND-PARMLIB-NAME

Valid Settings: NONE - Use NONE when this parameter is not applicable
Any valid dataset name

Default Setting: NONE



Note This parameter is required for Control-T users (R6.0 and up) only.

TMS-TLMS-PPOPTION-FILE-NAME

This parameter tells the tape-to-tape conversion program the name of the TLMS.PPOPTION dataset.

Related Parameters: TAPE-MANAGEMENT-SYSTEM
TMS-TLMS-PPOPTION-FILE-MEMBER-NAME

Valid Settings: NONE - Use NONE when this parameter is not applicable
Dataset name of TLMS PPOPTION dataset

Default Setting: NONE



Note This parameter is required for TLMS users only.

TMS-TLMS-PPOPTION-FILE-MEMBER-NAME

This parameter tells Tape/Copy the name of the member within the TLMS customers TLMS.PPOPTION dataset which contains the TLMS system options.

Related Parameters: TAPE-MANAGEMENT-SYSTEM
TMS-TLMS-PPOPTION-FILE-NAME

Valid Settings: The name of the member in the TLMS PPOPTION dataset that contains the TLMS system options.

Default Setting: TLMSIPO



Note This parameter is required for TLMS users only.

TRIGGER-BACKUP-ON-FILE-SIZE

This parameter instructs the DR/Xpert started task to initiate job-triggered backups when the accumulated file size has reached this parameter's threshold.

Related Parameters: AGGREGATE-GROUP
BACKUP-TAPE-SIZE-OBJECTIVE

Valid Settings: This parameter is specified in units of megabytes, gigabytes, or a percentage of a tape device's capacity.
If this parameter is specified in megabytes, use 1 to 4 digits followed by MB with no spaces between the digits and MB. For example, 125MB.
Similarly, if this parameter is specified in gigabytes, use 1 to 4 digits followed by GB. For example, 60GB.

If this parameter is specified a percentage capacity of a tape device, use 1 to 2 digits followed by a percent sign, without intervening spaces. For example, 50%.

If a percentage is used, DR/Xpert uses the BACKUP-MEDIA-TYPE parameter to determine the device. The TAPENAME member in DR/Xpert's parameter library contains the tape device's size characteristics. The size is compared to the device's logical size as opposed to its physical size, that is, DR/Xpert applies the compaction ratio from the TAPENAME member when accumulating file sizes and comparing the summary size to the threshold. So if you specify 50% for this parameter, DR/Xpert's will assume 50% after compaction.

Default Setting: 400MB

TRIGGER-CONTROL-TASK

This parameter identifies the name of DR/Xpert's started task used for setting job triggers. This parameter is used by job TRIGGERS and affects the way it operates against DR/Xpert's started task.

Related Parameters: None

Valid Settings: Name used for DR/Xpert started task (1 to 8 alphabetic, numeric, and national characters with initial alphabetic or national character.) The started task shipped with the product is named OTCDTASK by default.

NONE - do not try to quiesce the started task region (run as long-running batch job).

Default Setting: NONE



Warning If you plan to submit OTCDTASK (or program OTCDDB044) as a long running batch program rather than a started task; code NONE as this parameter's value.

USE-ADVR-INTERFACE

This parameter specifies whether or not the Tape/Copy Engine and/or ADVR interface should be used.

Related Parameters: ADVR-ROUTING-FILE-NAME

Valid Settings: YES—Use the Tape/Copy Engine/ADVR interface.
NO—Do not use the Tape/Copy Engine/ADVR interface.

Default Setting: NO

USE-BUFFERED-TAPEMARK-FEATURE

This parameter is used to specify whether or not the tape-to-tape copy driver should use the buffered tapemark feature if applicable. This feature exists on IBM A60 (and later) tape controllers.

Related Parameters: None

Valid Settings: YES - Use the buffered tapemark feature, if available.
NO - Do not use the buffered tapemark feature.

Default Setting: YES



Note This parameter controls whether the tape-to-tape copy engine allows the output to span onto secondary volumes.

USE-PRODRULE

USE-PRODRULE is a YES/NO switch that controls the way DR/Xpert determines production jobs; thus, DR/Xpert has two ways to identify production jobs.

The original production job identification is by combining a third-party scheduling product's production scheduling report and the JOBNAMES filter. Job names extracted from the report and additional job names found in SMF data make up the contents of DR/Xpert's PRODJOB dataset.

Conversely, a newer feature allows a rule member, PRODRULE, to dictate production jobs. The rule provides a single or combination of comparison fields as described in the following:

- Job name
- Job class
- Job task type (JES2, STC, or TSO)
- User ID (implied or explicitly specified on the JOB card)
- Security group (as specified on the JOB card)
- Whether the job name appeared in a third-party production scheduling report (a YES/NO flag)

Related Parameters: None

Valid Settings: YES – The PRODRULE member is applied to SMF data to identify production jobs.

NO – A third-party production job scheduling report is used to identify production jobs. The JOBNAMES filter is enabled.

Default Setting: NO



Note The JOBNAMES member filter is ignored when USE-PRODRULE is specified as YES because the filter is replaced by JOBNAMES comparison field in PRODRULE.

USER-OUTPUT-SCRIPT-LIBRARY

This parameter supports an optional component in DR/Xpert that intercepts and evaluates the execution of certain programs. The purpose is to report production backup of critical file made independent of DR/Xpert. The user can eliminate superfluous backups based on their reporting. The user output script library is the PDS containing REXX programs that capture job names, step names, and file names.

Related Parameters:	None
Valid Settings:	NONE - USER backup output is not intercepted Any dataset containing REXX output scripts
Default Setting:	OT.DRXPRT.CDPRMLIB

USER-SMF-RECORD-ID

This parameter defines the DR/Xpert SMF record number. This number is in the range of SMF records given to the user community by IBM.

Related Parameters:	None
Valid Settings:	Any number between 200 and 255 not already assigned as a user SMF record number.
Default Setting:	0

VDR-CONTROL-FILE

This parameter describes an output file generated by DR/Xpert used by VDR as a control file for performing tape-to-tape copies on behalf of DR/Xpert.

Related Parameters:	VDR-RECOVERY-INSTRUCTIONS
Valid Settings:	NONE -Specify this value when DR/Xpert will not use VDR to make tape backups on its behalf Any valid dataset name that can be used as a VDR control file.
Default Setting:	NONE



Note The user may use this parameter when VDR will control and create tape-to-tape backups in lieu of DR/Xpert intrinsic tape-to-tape copy function.

VDR-RECOVERY-INSTRUCTIONS

This parameter is used when generating recovery JCL. It allows a recovery directly from a VDR copy of a DR/Xpert backup tape. This parameter is useful when DFDSS backup files are created to a virtual tape system (VTS) and VDR is used to copy the VTS file to a VDR-controlled stacked tape.

VDR customers will have two strategies they may employ when recovering disk files using DFDSS. One method is restoring VDR controlled tapes to a VTS and use the VTS files as input to DFDSS. Another method is using the VDR copies of DR/Xpert backups as input to DFDSS.

Related Parameters:	VDR-CONTROL-FILE
Valid Settings:	NONE -DR/Xpert's intrinsic tape-to-tape copy is used for backup purposes instead of VDR. In this case, VDR name translation and use of VDR inventory file is not necessary. PRIMARY -the primary VDR dataset name is used for restoring data. Therefore, the original aggregate backup file will be translated to a file in format of DSN=VDRPFX.VVOLSER,F0001.B0010001.X0702600 DUPLEX -similar to primary, except the duplex name is used instead of primary.
Default Setting:	NONE

VDR-SUPPORTS-FAST-TABLE-LOOKUP

This option is intended for customers who use DR/Xpert's VDR driver to back up tape files. Beginning with Tape/Copy R2.7.4 and VDR/LE R2.7.4, both products use a faster table lookup algorithm for their INCLDSCJ tables. This option exploits that algorithm.

This option controls whether DR/Xpert will place fully qualified generation dataset names or generation data group base names followed by a wildcard. If this option is in effect, the number of generation datasets DR/Xpert requests for backup will be reduced; and thus total VDR size and processing time. If this option is not in effect, VDR will back up entire GDG families.

Related Parameters:	VDR-CONTROL-FILENAME
Valid Settings:	Y - Tape/Copy R2.7.4 or later in use N - Older copy of Tape/Copy in use
Default Setting:	N

Parameters Used Only for Utility Program Compatibility and Obsolete Parameters

The following parameters are either obsolete or are not utilized by DR/Xpert but are included in the system defaults for utility program compatibility.



Warning The parameters overridden in any way.

Table 3-1 Obsolete/Unused Parameters

Parameter	Default Value (Do Not Alter)
ACCOUNT-NUMBER-LOCATION	NONE
ALLOCATE-LARGE-WORK-FILES-AS	DASD
ANALYSIS-GENERIC-CATLG-NODE-COUNT	2
ANALYSIS-MAX-DSNAMES-PER-CATLG-LOOKUP	999
BACKUP-TAPE-DEVICE-TYPE	OBSOLETE
CANDIDATE-SELECTION-CATALOG-SEARCHING	LOCATE
DATA-COPY-FUNCTION	MOVE
DATA-OWNER-IDENTIFIER	NONE
DELAY-MINUTES-FOR-ADVR-RECALL-TO-CACHE	0005
DFSMSHSM-OCDS-CLUSTER-NAME	NONE
DYNAMIC-ALLOCATION-TAPE-DATA-CLASS	OBSOLETE
DYNAMIC-ALLOCATION-TAPE-MANAGEMENT-CLASS	OBSOLETE
DYNAMIC-ALLOCATION-TAPE-STORAGE-CLASS	OBSOLETE
DYNAMIC-ALLOCATION-TAPE-UNIT	OBSOLETE
DYNAMIC-ALLOCATION-TAPE-VOLSER	OBSOLETE
EJECT-TAPES-FROM	NONE
EJECT-TAPES	NO
EXCLUDE-PREVIOUSLY-SELECTED-FILES	NO
EXCP-ASSUME-18-BYTE-PADDING	NO
EXCP-BYPASS-SPECIAL-RECFMVB-HANDLING	NO
EXCP-PERFORMANCE-REPORT	NO
EXCP-SKIP-UNREADABLE-BLOCKS	NO
EXCPVR-IO-APPENDAGE-SUFFIX	ZA

Table 3-1 Obsolete/Unused Parameters

Parameter	Default Value (Do Not Alter)
EXCPVR-MODE	NO
EXCPVR-NONSWAPPABLE	NO
EXPIRE-WHEN-FORCING-OUT-OF-SERVICE	NO
FILE-PARAMETER-OFFSET-INFOUPD	33
FILE-PARAMETER-OFFSET-MASTER	27
FILE-PARAMETER-OFFSET-SMFMERGE	30
FORCE-BROKEN-MULTIVOL-SELECTION	NO
FORCE-EXPIRING-DATASET-CONVERSION	NO
FORCE-EXPIRING-DATASET-SELECTION	OBSOLETE
FORCE-SOURCE-VOLUME-OUT-OF-SERVICE	NO
GDG-GENERATION-IDENTIFIER	+1
GDG-GENERATION-IDENTIFIER-TWO	+0
INPUT-TAPE-ENDING-VOLSER	999999
INPUT-TAPE-STARTING-VOLSER	\$
MAXIMUM-DAYS-SINCE-CREATION	99999
MINIMUM-DAYS-SINCE-CREATION	0
MOVE-EXPIRE-MANAGEMENT-VALUE	ASIS
MOVED-INPUT-TAPE-OUTCODE	NONE
NEWNAME-DEFAULT-GDG-DELETE-FLAG	OLDEST
NEWNAME-DEFAULT-GDG-LIMIT	7
NEWNAME-DEFAULT-GDG-SCRATCH-FLAG	YES
OUTPUT-FILE-FORMAT	ASIS
OUTPUT-TAPE-OUTCODE	NONE
PARTIAL-QUEUEING-DSN-LIMIT	OBSOLETE
PARTIAL-QUEUEING-PARTS	OBSOLETE
PARTIAL-QUEUEING-SPLIT-BY	OBSOLETE
PATH-REFERENCE-DATE	CURRENT
PERFORM-DUALCOPY-PROCESSING	YES
PERFORM-NEWNAME-PROCESSING	AUTO
PRE-EDIT-REJECTIONS	YES

Table 3-1 Obsolete/Unused Parameters

Parameter	Default Value (Do Not Alter)
PRE-SELECT-DATASET-NAME/CREATION-JOB	YES
PRE-SELECT-DATASET-NAMES	YES
PRE-SELECT-VOLSER-RANGE	YES
PROCESS-EXTERNALLY-MANAGED-TAPES	NO
RMM-DIRECT-READ-WRITE-VIA	API
SEPARATE-CONVERSION-JOBS-BY-LSM-ID	NO
SET-IBM-VTS-OPM-DATACLAS	NONE
SET-IBM-VTS-OPM-MGMTCLAS	NONE
SET-IBM-VTS-OPM-STORCLAS	NONE
SET-IBM-VTS-OPM-STORGRP	NONE
SMF-SOURCE	SMF_COLLECTOR
STACKED-FILE-QUALIFICATION	FIRST
SUPPORTED-BACKUP-IDS	BO
SYSTEM-AUDIT-JES2PARAM	SYS1.PARMLIB(JES2PARAM)
SYSTEM-AUDIT-JES2PROC	SYS1.PROCLIB(JES2)
SYSTEM-AUDIT-MASTCAT	CATALOG.OS390.MASTER
SYSTEM-AUDIT-RESVOL	MVSRS1
SYSTEM-IDENTIFIER	NONE
TREAT-VOLUME-PENDING-RELEASE-AS-SCRATCH	YES
WHILECATLG-MANAGEMENTVALUE	D99000
WORKSTATION-ID	SYSA

