

**Global Mirror for z/Series
Pocket Reference
Console Commands**

AUTO_READD

F ANTAS00n,AUTO_READD [ON|OFF]

DUMP

F ANTAS00n,DUMP

DVCDATA

F ANTAS000,DVCDATA dddd

IGNORE_INTERRUPTS

F ANTAS001, IGNORE_INTERRUPTS [ON|OFF]

LISTDVCS

F ANTAS000,LISTDVCS dddd ss

LISTSESS

F ANTAS00n,LISTSESS dddd

PATHS

F ANTAS000, PATHS dddd

RESTART

F ANTAS00n,RESTART

SCDATA

F ANTAS002,SCDATA dddd ss X

SCTRAP

F ANTAS00n,SCTRAP [null|ON|OFF]

SCTRAP2

F ANTAS00n,SCTRAP2 [null|ON|OFF]

STATESAVE

F ANTAS00n,STATESAVE -
SHOW|SHOW2|RESET|RESET2]

SUSSESS

F ANTAS000,SUSSESS dddd SCSESS_ID
F ANTAS000,SUSSESS ALL(N)

TERMDVC

F ANTAS00n,TERMDVC dddd ss

TERMSESS

To end a single session

F ANTAS00n,TERMSESS dddd ss

TERMSESS (Continued)

To end all active or timed-out XRC sessions that were last active on the processor from which you issued the TERMSESS operation

F ANTAS00n,TERMSESS XRC N

To end all quiesced or suspended XRC sessions, regardless of which processor the XRC session was last active on

F ANTAS00n,TERMSESS SUS

To end all XRC or concurrent copy sessions that are in timed-out status

F ANTAS00n,TERMSESS TIM

XENDDUMP

F ANTAS00n,XENDDUMP [ON|OFF]

XRCTRAP

F ANTAS00n,XRCTRAP [null|ON|OFF]

SUPRDUMP

F ANTAS00n,SUPRDUMP [null|ON|OFF]

dddd = 3 or 4 digit device number

ss = storage control session number

Recovery Specialties, LLC

5731 Mustang Drive, Suite 102
Simi Valley, Ca. 93063-6312

Phone: 805-581-3227

Fax: 805-581-3227

E-mail: info@recoveryspecialties.com

URL: www.recoveryspecialties.com



**Global Mirror for
zSeries (XRC)
Command Reference
Summary**

March 2006

The information contained in this document was derived from IBM's "z/OS Advanced Copy Services" V1R7 publication number SC35-0428-08. Please refer to that publication for more complete information.

Global Mirror for z/Series Pocket Reference TSO Commands

XADDDPAIR Suspended

XADDDPAIR|XADD sess_id SUSPENDED

XADDDPAIR

XADDDPAIR|XADD sess_id -

{Other Options:}

VOLUME(primary secondary | xrcutil)
DVCBLOCK(ON | OFF | WPn) | DONOTBLOCK
ERRORLEVEL|ERRRLVL(SESSION | VOLUME |
grp_name)
FULLCOPY|NOCOPY QUICKCOPY SCSESSION
(scid)
LOGPLUS

XADVANCE

XADVANCE sess_id HLQ(SYS1|hlq) MHLQ
(SYS1|mhlq) ONLINE

XCOUPLE ADD

XCOUPLE sess_id ADD MSESSION (m sess_id)
MHLQ (SYS1|mhlq)

XCOUPLE DELETE

XCOUPLE sess_id DELETE MSESSION
(m sess_id)
MHLQ (SYS1| mhlq) [NOVERIFY]

XCOUPLE PURGE

XCOUPLE sess_id PURGE MSESSION(m sess_id)
MHLQ (SYS1|mhlq) HLQ (SYS1|hlq)

XDELPAIR

XDELPAIR|XDEL sess_id VOLUME(prim_vol|ALL)
[IMMEDIATE or
ATTIME(yyyy.ddd hh:mm:ss.thmiju)
or DRAIN or CANCEL]
NOVERIFY

XEND

XEND sess_id -
[IMMEDIATE -or-
ATTIME(yyyy.ddd hh:mm:ss.thmiju) -or-
DRAIN -or- CANCEL]
NOVERIFY

XQUERY CONFIGURATION

XQUERY sess_id CONFIGURATION
[ERRORLEVEL (error_level) -or-
SCSESSION (session_name) -or-
SSID (ssid) -or-
VOLUME (ALL | * | volser | vol*)]
DATASET (dataset_name) DISP (OLD|MOD|SHR)

XQUERY ENVIRONMENT

XQUERY sess_id ENVIRONMENT(FLAG|PARM|PATCH)
DATASET (dataset_name) DISP (OLD|MOD|SHR)

XQUERY SET

XQUERY sess_id SET
DATASET (dataset_name) DISP (OLD|MOD|SHR)

XQUERY STORAGECONTROL

XQUERY sess_id STORAGECONTROL
DATASET (dataset_name) DISP (OLD|MOD|SHR)

XQUERY VOLUME

XQUERY sess_id VOLUME(volser | vol* | * | ALL)
[DETAIL|PACE]
[COMMAND(ALLCOMMANDS|NOCOMMANDS)
ERRORLEVEL (error_level)
SCSESSION (session_name)
SSID(ssid| ALL)
STATUS(BLK|CPY|DUP|PND|SEQ|SUS|UTL|NON)
DATASET (dataset_name) DISP (OLD|MOD|SHR)

XRECOVER

XRECOVER|XRCV sess_id HLQ(SYS1|hlq)
MHLQ(SYS1|mhlq)
ONLINE

XSET

XSET sess_id
COPY(Full | QUICK)
PAGEFIX(8|ffff)
PARMLIB (member_name ACTION (action)
DATASET(parm_dsn))
PRIORITY(LOAD|FIFO)
RFREQUENCY(00.30.00|hh.mm.ss)
RTRACKS(7500|tttt)
SCSYNCH(p,s) or SCSYNCH(n)
SYNCH(ss)
REFRESH
TIMEOUT(hh.mm.ss | STORAGE_CONTROL_DEFAULT)
SSID(ssid | ALL)
UTILITY(FLOAT | FIX)
DVCBLOCK (ON |OFF | WPn)
VOLUME (volume_list | ALL | ALLDP | ALLB |ALLP)
REFRESH

sess_id = SDM name
Msess_id = Name of the master session

XSTART

XSTART sess_id
ERRORLEVEL|ERRRLVL (SESSION| VOLUME|
grp_name)
SESSIONTYPE(MIGRATE|XRC) HLQ(SYS1|hlq)

XSUSPEND

XSUSPEND sess_id
TIMEOUT(STORAGE_CONTROL_DEFAULT | hh.mm.ss)
VOLUME(ALL|primary_volser)
[IMMEDIATE | ATTIME(yyyy.ddd hh:mm:ss.thmiju) |
DRAIN | CANCEL]
NOVERIFY

XSUSPEND In a Coupled Environment

XSUSPEND m sess_id MHLQ (SYS1|mhlq)
TIMEOUT(STORAGE_CONTROL_DEFAULT| hh.mm.ss)
[IMMEDIATE | ATTIME(yyyy.ddd hh:mm:ss.thmiju) |
DRAIN | CANCEL] -
NOVERIFY -

Common SDM Return Codes

Return Code

647- 01 - 15 LIC error.
16 XSUSPEND command
17 Long Busy
18 XRC stopped reading
19 SUSSESS
20 microcode problem or SUSSESS
677-678 Long Busy

ANTX5106E & ABEND9C4

4 ANTMAIN address space restarted
8 Record Set count incorrect
C Record Set count =0
10 No Record Found
14 Inconsistent operation
20 Invalid Record Set sequence number
24 Invalid seek address
28 Seek address mismatch
2C Invalid Track Format condition
30 No read timeout condition
3C No Data record in buffer
40 Invalid Record Set time
44 Invalid seek address
48 CCW has a data length of 0
4C Read Record Set 0F50 error occurred
50 Read Track command no pseudo count
54 Read Track command, invalid R0
64 ABEND in page services
80-88 Invalid CCW
90 CCW program check
94 CCW protection check
AC Invalid Record set
B8 Emergency Buffer Shortage
All others: Internal Error

Note: By default, the responses to these commands are returned to the console. In order to have the command response returned to the users session, append the following to the TSO command:

MSGROUTEID(user ID)