

















	Unlimited Distance D/R (2 sites)								
Solution	Target Customer	Value							
RCMF/XRC	Disk Mirroring	XRC Management Ease of Use							
GDPS/XRC	DR (zSeries Only)	Site failover RTO = 1-2 hrs: RPO < 1 min							
GDPS/Global Mirror	DR (zSeries & Open data)	Site failover RTO = 1-2 hrs ; RPO < 1 min							
C	VDR 3 sites (Metro + Unlimit	ed Distance)							
Solution	Target Customer	Value							
GDPS/PPRC & GDPS/XRC (z/OS data only)	Economically essential businesses; Ultimate Bus Continuity	Metro distance CA for zSeries data & unlimited distance DR							
GDPS Metro/Globa Mirror (1) (z/OS & Open Data	Economically essential businesses; Ultimate Bus Continuity	Metro distance CA & unlimited distance DR							















.ws - [24 x 80] dit View Communication Actions Window	Holo				_
			. C	0000	V0 D0 N0
VPCPPNLI	GDPS - Disast	er/Recover	y System	GDPS	V3.R2.MU
System	= CSK	SRVCK	Primary Dasd	= OK SITE1	SITE1
Current Master	= CSK	SRVCK	Primary Tape	=	
Parallel mode	= YES	l	Dasd Config	= 2005-04-14	16:13:18
HyperSwap F0/FB	= ENABLED	YES	FREEZE Date	=	
Debug	= OFF		Time	=	
-					
1	Dasd Remo	te Copy			
2	Tape Remo	te Copu			
- 3	Standard	Actions			
Č.	ocandara	10010			
5	Net Manag	ement			
6	Planned A	ctions			
7	Sucnlay D	eccions Acounce May	nannant		
	Syspiex R	esource Mai	nagement		
8	Debug UN/	UFF			
9	View Defi	nitions			
C	Config Ma	nagement			
Selection ===>					
F1=Help	F3=Return			F6=Roll	
c					22/018
princeted to remote server/host sq0eip.pdl.pok.ib	m.com using port 23				211/010

cuir view communication actions withow help
VPCPQSTC Dasd Mirroring Status = OK Monitor2 time = 08:20:52
Actions: Q ueryPath Z QueryReverse V iew devices X ceptions D elpath E stpath
Tot Pairs: 1032
-PRI-SSID-SEC- F CPPRI-SID-SEC- F CP
4000 ==== 6000 Y NF 00200020-13 00000000-13
4100 ==== 6100 Y NF 00200020-13 00000000-13
4200 ==== 6200 Y NF 00200020-13 00000000-13
4300 ==== 6300 Y NF 00200020-13 00000000-13
4400 ==== 6400 Y NF 00200020-13 00000000-13
4700 ==== 6700 Y NF 00200020-13 00000000-13
4800 ==== 6800 Y NF 00200020-13 00000000-13
4900 ==== 6900 Y NF 00200020-13 00000000-13
4C00 ==== 6C00 Y NF 00200020-13 00000000-13
4D00 ==== 6D00 Y NF 00200020-13 00000000-13
4E00 ==== 6E00 Y NF 00200020-13 00000000-13
4F00 ==== 6F00 Y NF 00200020-13 00000000-13
1 Epair 2 Dpair 3 Suspend 4 Resunch 5 Monitor2 6 0 Paths 7 Epath 8 Dpath
10 P/DAS 11 Find 21 FCEp 22 FCEs 23 FCWp 24 FCWs
Selection ===>
F1=Help F3=Return F6=Roll F7=Up F8=Down F11=Right
11/018
14/018

VPCPQST1	Dasd Mirroring Sta	tus= <mark>OK</mark> Mo	onitor2 time= 08:20	0:52
Actions: D	elpair E stpair	S uspend T D)asd-Mgmt <mark>R</mark> esyncl	n Query
Р	/DAS Y RecSec			
Pairs: 64	SSIDs: Pri=	4800 Sec=6800) F=Y C=N Dev	vices: All
_ 4808 6808	DUP _ 4818 6818	DUP _ 48	328 6828 DUP _	4838 6838 DUP
_ 4809 6809	DUP _ 4819 6819	DUP _ 48	329 6829 DUP _	4839 6839 DUP
_ 480A 680A	DUP _ 481A 681A	DUP _ 48	32A 682A DUP _	483A 683A DUP
_ 480B 680B	DUP _ 481B 681B	DUP _ 48	328 6828 DUP _	483B 683B DUP
_ 480C 680C	DUP _ 481C 681C	DUP _ 48	32C 682C DUP _	483C 683C DUP
_ 480D 680D	DUP _ 481D 681D	DUP _ 48	32D 682D DUP _	483D 683D DUP
_ 480E 680E	DUP _ 481E 681E	DUP _ 48	32E 682E DUP _	483E 683E DUP
_ 480F 680F	DUP _ 481F 681F	DUP _ 48	32F 682F DUP _	483F 683F DUP
_ 4810 6810	DUP _ 4820 6820	DUP _ 48	330 6830 DUP _	4840 6840 DUP
_ 4811 6811	DUP _ 4821 6821	DUP _ 48	331 6831 DUP _	4841 6841 DUP
_ 4812 6812	DUP _ 4822 6822	DUP _ 48	332 6832 DUP _	4842 6842 DUP
_ 4813 6813	DUP _ 4823 6823	DUP _ 48	333 6833 DUP _	4843 6843 DUP
_ 4814 6814	DUP _ 4824 6824	DUP _ 48	334 6834 DUP _	4844 6844 DUP
_ 4815 6815	DUP _ 4825 6825	DUP _ 48	335 6835 DUP _	4845 6845 DUP
_ 4816 6816	DUP _ 4826 6826	DUP _ 48	336 6836 DUP _	4846 6846 DUP
_ 4817 6817	DUP _ 4827 6827	DUP _ 48	337 6837 DUP _	4847 6847 DUP
1 Estpair 2	Delpair 3 Suspend 4	Resynch 5 Qu	ery 6 RecSec 7 Al	8 Exceptions
10 P/DAS 11	VOLSERs 21 FCQueryP	22 FCQueryS		
Selection =	==>			
F1=Help	F3=Return F6=Roll	F7=Up F8	3=Down	F11=Right
C				23/018

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view communication

Con How Com	Managed McClor	o window h							
VPCPMS	G2			PPRC-P	air				
	PRIm	ary de	vice	WWNN		SEC	ondary	device	WWNN
		4808	50	05076300C0AB	CB		6808	50	05076300C0AC5B
VOLSER	: G1MQ01		CGRPL	B: Y	CRIT:	N			
	LEVEL	ст	OTE	DOTUCTOTIC			ет	OTE	DOTHETOTHE
		ינ סווח י		OCTIVE		SECOND	ופ סווח עסנ		ACTIVE
	1 132101131	201		HOTIVE		SECONDI			HOTIVE
	SSID	LSS	CCA	SERIAL		SSID	LSS	CCA	SERIAL
PRI	4800	08	08	0028211		4800	08	08	0028211
SEC	6800	08	08	0028355		6800	08	08	0028355
Link/s	tatus:	000000		3					
		002000	20 1	3					
			F3=R	eturn		F5=Re	efresh		
с									01/001

caic view communication Actions window	neib					
	5	V 🛃 🛍 🌰	<i></i>			
VPCPPNLI	GDP	S - Disas	ter/Recov	very System	G	DPS V3.R2.MO
System Current Master	=	CIMA CIMA	SU60C SU60C	Primary Dasd Primary Tape	= FRZ SIT =	E1 SITE1
Parallel mode HyperSwap FO/FB	=	YES DISABLE	YES	Dasd Config FREEZE Date	= 2005-04- = 2005-05-	28 13:49:21 11
Debug	=	OFF		Time	= 17:31:34	.925557
1 2 3		Dasd Rem Tape Rem Standard	ote Copy ote Copy Actions			
5		Net Mana Planned	gement Actions			
7		Sysplex	Resource	Management		
° 9		View Def	initions			
C		Config M	anagement	t		
Selection ===> 1_ F1=Help		F3=Return			F6=R	oll

Eaic view commonication Actio				
VPCPQSTC Day Actions: Q ue	sd Mirroring Statu ryPath Z QueryReve 24	s = <mark>FRZ</mark> Monito rse V iew devices	or2 time = 01:00 s X ceptions D e	:15 Ipath E stpath
-PRI-SSID-S	EC- F CP	LINKS ((LINK-STATUS)	
v B300 ==== E	COO Y NF 0003033	2- 01030332-	00030203- 010	30203- More
_ B340 ==== E	C40 Y NF 0003033	2- 01030332-	00030203- 010	30203- More
_ B380 ==== E	C80 Y NF 0003033	2- 01030332-	00030203- 010	30203- More
_ B3C0 ==== E	CCO Y NF 0003033	2- 01030332-	00030203- 010	30203- More
1 Epair 2 Dpa 10 P/DAS 11 F Selection ===:	ir 3 Suspend 4 Res ind 21 FCEp 22 FCE >	ynch 5 Monitor2 6 s 23 FCWp 24 FCWs	Q Paths 7 Epat	h 8 Dpath
F1=Help F3	3=Return	F6=Roll F7=Up	F8=Down F	11=Right

































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GDPS vs other D/R options									
	GDPS Offering /Function	PTAM	Electr Vault	Data Repl	Data Mirr	HyperSwap Mgr	GDPS/ XRC	GDPS/ PPRC	
	Event monitoring					+	+	+	
Ι	Remote copy config. mgt.					+	+	+	
planned	Application/system Start-up/shutdown						+	+	
	Disk subsystem maint.					+			
I I	User defined actions						+	+	
– –	Application failure						+	+	
Unplanned	zOS image failure						+	+	
	Processor failure						+	+	
♥	CF failure						+		
	Disk subsystem failure				?	+	+		M
D/R	Tape subsystem failure				?		+	$\Gamma \Sigma$	ainuous
↓ ↓	Site failure	+	+	+	+	+	+	418	ilability
	Sysplex-wide freeze					+	+		
	Recovery Point Objective	24-48h	12h	<5m	0/<1m	0/<1m	<1m	0/<1n.	
	Recovery Time Objective	24-48h	24-48h	12-24h	4-6h	Depends on cust automation	<2h	<1h	
40							ON DE	MAND BL	ISINESS ⁻











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Additional Information	
Detailed GDPS Presentation and Information e-mail:	
– <u>adps@us.ibm.com</u>	
 Web Pages References 	
- <u>GDPS Home Page</u>	
 Installation Services for GDPS Business Continuity and Recovery Services 	
- ITS Global Brand Services - GDPS (Internal)	
– ITS GDPS Home (Internal)	
 <u>Customer Reference data base</u> 	
TotalStorage Business Continuance Sales Kit	
White Papers:	
 Business Continuity Considerations and the IBM eServer zSeries 	
 <u>GDPS - The Ultimate e-business Availability Solution</u> 	
Publications:	
 TotalStorage Disaster Recovery Solutions Redbook – SG24-6547-01 ZOS Advanced Conv. Services – SC25-0429 	
- Z/OS Auvariced Copy Services - SC35-0426	
 <u>ESS Copy Services on Open Redpiece</u> - SG24-5757 	
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