

13.2.1	Method 1: DR Testing using FlashCopy	780
13.2.2	Method 2: DR Testing using Write Protect Mode on DR clusters	781
13.2.3	Method 3: DR testing without using Write Protect Mode on DR clusters	782
13.2.4	Method 4: Breaking the interconnects between the TS7700 grid	783
13.3	DR testing general considerations	784
13.3.1	The z/OS test environment represents a point in time	784
13.3.2	The data that is available in the DR cluster.	784
13.3.3	Write Protect Mode	784
13.3.4	Protection of your production data	785
13.3.5	Separating production and disaster recovery hosts: Logical volumes	785
13.3.6	Creating data during the disaster recovery test from the DR host: Selective Write Protect	787
13.3.7	Creating data during the disaster recovery test from the disaster recovery host: Copy policies	788
13.3.8	Restoring the DR host from a production host	788
13.3.9	Scratch runs during the disaster recovery test from the production host	788
13.3.10	Scratch runs during the disaster recovery test from the DR host	788
13.3.11	Cleanup phase of a disaster recovery test	789
13.3.12	Considerations for DR tests without Selective Write Protect mode	790
13.3.13	Returning to scratch without using Selective Write Protect.	792
13.3.14	Tier to Cloud Considerations.	794
13.4	DR for FlashCopy concepts and command examples	794
13.4.1	Basic requirements and concepts.	795
13.4.2	FlashCopy and Write Protect Enablement/Disablement Enhancement R4.1.2 and R4.2	795
13.4.3	DR Family	795
13.4.4	LIVECOPY enablement in a DR Family	797
13.4.5	Stopping FlashCopy and Write Protect Mode for a DR Family	799
13.5	DR testing methods examples	804
13.5.1	Method 1: DR Testing using FlashCopy	805
13.5.2	Method 2: Using Write Protect Mode on DR clusters	808
13.5.3	Method 3: DR Testing without Write Protect Mode.	810
13.5.4	Method 4: Breaking the grid link connections	812
13.6	Expected failures during a DR test	814
Part 4.	Appendixes	815
Appendix A.	Feature codes and RPQ	817
	RPQ	818
	3952 F06 RPQ	818
	Feature code lists.	818
	3952 F05 features.	818
	3952 F06 features.	819
	3953 F05 Tape Frame features	820
	Server features for 3957-Vxx	820
	Cache Controller features for 3956-CC9, 3956-CS9, and 3956-CSA.	823
	TS7700 Cache Drawer features 3956-CX9, 3956-XS9, and 3956-XSA.	823
Appendix B.	IBM TS7700 implementation for IBM z/VM, IBM z/VSE, and IBM z/TPF environments	825
	Software requirements	826
	Software implementation in z/VM and z/VSE.	826
	General support information	826
	z/VM native support that uses DFSMS/VM.	827