Company Name						
- D -	(seal)		T :			
ШC	of Member/OSP		Login username of			
			remote seat			
S	ite Address					
		Information	of Leased Line 1			
Access Point of Leased Line DPD-DC ZJ-DC		□Hong Kong HUB □Singapore HUB				
Leas	ed Line Type		Carrier Name			
Leas	ed Line ID		Bandwidth			
WAN	N Router Model		WAN Router Name			
WAN IP Address			Testing Offering			
		Machine IP				
		Information	of Leased Line 2			
Access Point of Leased Line DPD-DC ZJ-DC Hong Kong HUB Singapore HUB						
Leas	ed Line Type		Carrier Name			
Leas	ed Line ID		Bandwidth			
Wan	Router Model		WAN Router Name			
			Testing Offering			
Wan IP Address		Machine IP				
		Testi	ng Method			
		Part 1: Testing of Co	nnectivity of Leased Line 1			
	Log on the WAI	N router, ping 10000	Packet loss rate:	Minimum delay:		
1	packets to the target router. Check if there are lost packets (testing after 15:30)		Average delay:	Maximum delay:		
	Log on the WAN router, ping 10000 packets with 4000 bytes sent to the target router. Check if there are lost packets (testing after 15:30)		Packet loss rate:	Minimum delay:		
2			Average delay:	Maximum delay:		
3	Log on the WAN router, ping packets with various sizes to the target router. Run show interface to check bandwidth usage		5 minute Input Rate	Bits / sec		
			5 minute output Rate	Bits / sec		
4	Log on the offering machine, ping 1000 packets to the INE front-end hosts (testing after 15:30)		Ping 192.168.11.31	Number of lost packets:		
			Ping 192.168.11.32	Number of lost packets:		

INE Leased Line Redundancy Test Report

		Ping 192.168.12.41	Number of lost packets:
		Ping 192.168.12.42	Number of lost packets:
5	Log on the offering machine, run trace command to check the route path from the offering machine to INE front-end host (testing after 15:30).	Trace 192.168.11.31 PD-DC front-end host	
		Trace 192.168.12.41 ZJ-DC front-end host	
	Part 2: Testing of Con	nnectivity of Leased Line 2	
	Log on the WAN router, ping 10000	Packet loss rate:	Minimum delay:
6			
0	packets to the target router and see if there are lost packets (testing after 15:30)	Average delay:	Maximum delay:
0	backets to the target router and see if there are lost packets (testing after 15:30) Log on the WAN router, ping 10000	Average delay: Packet loss rate:	Maximum delay: Minimum delay:
7	packets to the target router and see if there are lost packets (testing after 15:30) Log on the WAN router, ping 10000 packets with 4000 bytes to the target router and see if there are lost packets (testing after 15:30)	Average delay: Packet loss rate: Average delay:	Maximum delay: Minimum delay: Maximum delay:
7	packets to the target router and see if there are lost packets (testing after 15:30) Log on the WAN router, ping 10000 packets with 4000 bytes to the target router and see if there are lost packets (testing after 15:30) Log on the WAN router, ping packets	Average delay: Packet loss rate: Average delay: 5 minute Input Rate	Maximum delay: Minimum delay: Maximum delay: Bits / sec
7	packets to the target router and see if there are lost packets (testing after 15:30) Log on the WAN router, ping 10000 packets with 4000 bytes to the target router and see if there are lost packets (testing after 15:30) Log on the WAN router, ping packets with various sizes to the target router. Run show interface to check bandwidth usage	Average delay: Packet loss rate: Average delay: 5 minute Input Rate 5 minute output Rate	Maximum delay: Minimum delay: Maximum delay: Bits / sec Bits / sec
7	packets to the target router and see if there are lost packets (testing after 15:30) Log on the WAN router, ping 10000 packets with 4000 bytes to the target router and see if there are lost packets (testing after 15:30) Log on the WAN router, ping packets with various sizes to the target router. Run show interface to check bandwidth usage	Average delay:Packet loss rate:Average delay:5 minute Input Rate5 minute output Rate9 Ping 192.168.11.31	Maximum delay: Minimum delay: Maximum delay: Bits / sec Bits / sec Number of lost packets:
7 8	packets to the target router and see if there are lost packets (testing after 15:30)Log on the WAN router, ping 10000 packets with 4000 bytes to the target router and see if there are lost packets (testing after 15:30)Log on the WAN router, ping packets with various sizes to the target router. Run show interface to check bandwidth usageLog on the offering machine, ping 1000 packets to the area host (testing packets to the front and host (testing	Average delay:Packet loss rate:Average delay:5 minute Input Rate5 minute output Rate9 minute output RatePing 192.168.11.31Ping 192.168.11.32	Maximum delay: Minimum delay: Maximum delay: Bits / sec Bits / sec Number of lost packets: Number of lost packets:
7 7 8 9	packets to the target router and see if there are lost packets (testing after 15:30)Log on the WAN router, ping 10000 packets with 4000 bytes to the target router and see if there are lost packets (testing after 15:30)Log on the WAN router, ping packets with various sizes to the target router. Run show interface to check bandwidth usageLog on the offering machine, ping 1000 packets to the front-end host (testing after 15:30)	Average delay:Packet loss rate:Average delay:5 minute Input Rate5 minute output Rate9 ming 192.168.11.31Ping 192.168.11.32Ping 192.168.12.41	Maximum delay: Minimum delay: Maximum delay: Bits / sec Bits / sec Number of lost packets: Number of lost packets: Number of lost packets:

10	Log on the offering machine, run trace command to check the route path from the offering machine to the front-end hosts, and make records (testing after 15:30).	Trace 192.168.11.31 Future Tower front-end host			
		Trace 192.168.12.41 Zhangjiang front-end host			
	Part 3: BF	D Function Test			
	Simulate Leased Line 1 interruption, and check if the configured BFD + static				
	route linkage mechanism is effective.	Record the result:			
	Operation method: Contact INE to shut	1. Check BFD neighbor			
11	down their WAN interface. Member/OSP	status;			
	checks the BFD status and ensure:	2. Check static route			
	- the static route disappears	status			
	- route path is switched over				
	(testing after 15:30)				
	Simulate Leased Line 2 interruption, and				
12	check if the configured BFD + static				
	route linkage mechanism is effective.	Record the result:			
	Operation method: Contact INE to shut	1. Check BFD neighbor			
	down their WAN interface. Member/OSP	status;			
	checks the BFD status and ensure:	2. Check static route			
	- the static route disappears	status			
	- route path is switched over				
	(testing after 15:50)	dundanay Tast			
Part 4: Redundancy Test					

13	Conf mode offer hosts the n after	igure the dual-line redundancy e for the Member/OSP, log on the ing machine, ping the INE front-end a, turn off the primary line and check etwork recovery status. (Testing 15:30)	Check the network packet loss: Ping 192.168.11.31 Ping 192.168.12.41 Trace the line before and after interruption: Trace 192.168.11.31 Trace 192.168.12.41	
14	1. Lo Men 2. W if yo	og on the INE front-end by using aber/OSP account. hen the primary line is interrupted, u can re-log on normally.	Test of trading front-end addresses: 192.168.11.31 192.168.11.31 192.168.12.41 192.168.12.42	
Rema	ark			

Note: 1) Please fill out the form and email this form and its scanned copy with affixed seal to INE;

2) To facilitate filing, the file name is unified as *INE Leased Line Redundancy Test report+ID of Member / OSP+ company name for short*.