(和 V7防火墙RBM+VRRP主备部署作为园区出口(下行交换机使用IRF或单机)

域间策略/安全域 VRRP 双机热备 NAT 保存上一跳 薛佳宇 2023-02-26 发表



- 二、需求
 - 1、园区出口部署两台防火墙,使用RBM+VRRP方式实现主备
 - 2、从运营商租借两条ISP链路,要求两条链路同时使用,互为备份
 - 3、 如运营商接入交换机上行链路出现故障, 防火墙路由需快速感知到并切换
 - 4、 内网核心交换机使用IRF实现高可靠性
 - 5、内网vlan 100:172.16.100.0/24可通过任意出口访问运营商网络
 - 6、内网和公网侧访问防火墙上任意ISP地址的TCP 2222端口都能访问到内网Server提供的ssh服务
 - 7、内网Server手工配置地址172.16.100.22,该地址不可分配给其他终端; PC1固定获取172.16.1 00.15地址, PC2随机获取地址。
- 三、配置思路
 - 运营商提供的单根线路无法与两台防火墙直连,因此在防火墙和ISP之间增加运营商接入交换机,该交换机将ISP的一条链路变为两条链路,然后分别与两台出口防火墙相连。具体做法为将相同ISP的三个接口以access的方式划分到相同vlan即可,不同ISP链路用不同vlan区分,vlan可自定义。
 - 2、每个ISP只提供了1个公网ip,所以防火墙上行连接到同一组ISP的接口可配置同网段的私网ip 地址,将vrrp虚拟地址配置为ISP的ip地址即可,注意配置虚拟IP时需要配置掩码,掩码以ISP 给的为准。
 - 3、为保证防火墙可快速感知到运营商接入交换机上行链路的状况,可配置nqa探测到ISP网关地 址的状态,同时与track联动,防火墙配置的到各ISP的缺省路由再分别与track关联。
 - 4、为保证内网vlan100可以访问运营商网络,以及公网侧可以访问内网Server的服务,需在防火 墙分别配置SNAT和DNAT。内网使用ISP地址访问Server的服务需配置双向NAT。
 - 5、防火墙各接口加入安全域并放行安全策略。
- 四、接口及地址规划

本端接口	vlan/ip	补充	对端
		运营商接入交换机	
G1/0/1	VLAN10	ISP1	ISP1
G1/0/2	VLAN10		FW1:G1/0/1
G1/0/3	VLAN10		FW2:G1/0/1
G1/0/4	VLAN20	ISP2	
G1/0/5	VLAN20		FW1:G1/0/2
G1/0/6	VLAN20		FW2:G1/0/2
		出口防火墙FW1	•
G1/0/1	10.0.0.1/30	VRRP1:200.0.1.1/24 active	
G1/0/2	10.0.0.5/30	VRRP2:200.0.2.1/24 active	
G1/0/5	10.0.1.2/24	VRRP10:10.0.1.1/24 active	核心交换机6:G1/0/5
G1/0/22	Route-agg64, 1	HA接口	FW2:G1/0/22
G1/0/23	.1.1.1/30		FW2:G1/0/23
		出口防火墙FW2	•
G1/0/1	10.0.0.2/30	VRRP1:200.0.1.1/24 standb	
		у	

G1/0/2	10.0.0.6/30	VRRP2:200.0.2.1/24 standb	
		у	
G1/0/5	10.0.1.3/24	VRRP10:10.0.1.1/24 standb	核心交换机7:G2/0/5
		у	
G1/0/22	Route-agg64, 1	HA接口	FW1:G1/0/22
G1/0/23	.1.1.2/30		FW1:G1/0/23
	核心交	换机6-slot1/核心交换机7-slot2()	IRF)
配置步骤	VLAN10	Vlan-int:10:10.0.1.4/24	FW1:G1/0/5
G2(0/5 横扣		HCI hub: http://hclhub.h3c.co	FW2;G2/0/5 m/project/9466/summary/master?pa
G1/0/48	VLAN4000	BFD MAD检测, 1.1.1.5/30	核心交换机7:G2/0/48
G2/0/48=11	VLAN4000 pe=te	*BFD MAD检测,1.1.1.6/30	核心交换机6:G1/0/48
XG知道接到	EXIRE BORNDE // Incline	山中的一级四m/搜索: v7_防火墙	「核心交换相北法直歸0/49
XG(1)/0/501	营商接入交换机		核心交换机7:XG2/0/50
XG2/0/49	BERRE BERT2/2		、核心交换机6;XG1/0/49
XG2/0/50			核心交换机6:XG1/0/50
G1/0/6	TBidge-agg100	£⊑1g1/0/1~g1/0/3≵j55°±jvian+0 Trunk	接入交换机:G1/0/6
G2/0/6	VLAN100	Vlan-int100:172.16.100.1/24	接入交换机:G1/0/7
	#	接入交换机	
G1/0/6	varidge-agg100	Trunk	核心交换机6:G1/0/6
G1/0/7	poVt-ANabREthernet	1/0/1 GigabitEthernet 1/0/2 Gi	ig 核心已在换机将:G2/19/6
G1/0/1	quAtccess	-	PC1
G1/0/2	# Vlan100		PC2
G1/0/3	#创建vlan20,并将打	接口g1/0/4~g1/0/6划分到vlan20	Server
	#	终端	·
PC1	T Dhcp自动获取	获取固定ip.172.16.100.15。	
PC2	」Dhcp自动获取	自动分配	增援大炎换机:G1/0/2
Server	# 172.16.100.22	对外提供ssh服务	接入交换机:G1/0/3
1	" #保存配置	I.	1
	save force		
L			

(2) 出口防火墙

1、完成FW1和FW2的RBM基础配置

#创建三层聚合口64,并将接口g1/0/22和接口g1/0/23加入该聚合口。该聚合口将作为FW之间RBM的数据/控制通道,同时为接口配置控制通道IP。
#
svstem-view
#
" svsname FW1
#
π
in address 1 1 1 1 255 255 255
#
Interface GigabitEthernet 1/0/22
port link-aggregation group 64
interface GigabitEthernet1/0/23
port link-aggregation group 64
#完成RBM配置,指定数据通道为Route-Aggregation64,HA回切时间为10分钟,控
制通道本段ip地址为1.1.1.1,对端ip地址为1.1.1.2,本设备作为主管理设备。
remote-backup group
data-channel interface Route-Aggregation64
delay-time 10
local-ip 1.1.1.1
remote-ip 1.1.1.2
device-role primary
#
#FW2此部分配置与FW1类似。 # system-view #
#FW2此部分配置与FW1类似。 # system-view # sysname FW2
#FW2此部分配置与FW1类似。 # system-view # sysname FW2 #
#FW2此部分配置与FW1类似。 # system-view # sysname FW2 # interface Boute-Aggregation64
#FW2此部分配置与FW1类似。 # system-view # sysname FW2 # interface Route-Aggregation64 in address 1 1 1 2 255 255 252
#FW2此部分配置与FW1类似。 # system-view # sysname FW2 # interface Route-Aggregation64 ip address 1.1.1.2 255.255.255.252
#FW2此部分配置与FW1类似。 # system-view # sysname FW2 # interface Route-Aggregation64 ip address 1.1.1.2 255.255.255.252 # interface GigabitEthernet1/0/22
#FW2此部分配置与FW1类似。 # system-view # sysname FW2 # interface Route-Aggregation64 ip address 1.1.1.2 255.255.255.255 # interface GigabitEthernet1/0/22 port link-aggregation group 64
#FW2此部分配置与FW1类似。 # system-view # sysname FW2 # interface Route-Aggregation64 ip address 1.1.1.2 255.255.255.252 # interface GigabitEthernet1/0/22 port link-aggregation group 64 #
#FW2此部分配置与FW1类似。 # system-view # sysname FW2 # interface Route-Aggregation64 ip address 1.1.1.2 255.255.255.252 # interface GigabitEthernet1/0/22 port link-aggregation group 64 # interface GigabitEthernet1/0/23
#FW2此部分配置与FW1类似。 # system-view # sysname FW2 # interface Route-Aggregation64 ip address 1.1.1.2 255.255.252 # interface GigabitEthernet1/0/22 port link-aggregation group 64 # interface GigabitEthernet1/0/23 port link-aggregation group 64
#FW2此部分配置与FW1类似。 # system-view # sysname FW2 # interface Route-Aggregation64 ip address 1.1.1.2 255.255.255.252 # interface GigabitEthernet1/0/22 port link-aggregation group 64 # interface GigabitEthernet1/0/23 port link-aggregation group 64 #
#FW2此部分配置与FW1类似。 # system-view # sysname FW2 # interface Route-Aggregation64 ip address 1.1.1.2 255.255.255.252 # interface GigabitEthernet1/0/22 port link-aggregation group 64 # interface GigabitEthernet1/0/23 port link-aggregation group 64 #
#FW2此部分配置与FW1类似。 # system-view # interface Route-Aggregation64 ip address 1.1.1.2 255.255.255.252 # interface GigabitEthernet1/0/22 port link-aggregation group 64 # interface GigabitEthernet1/0/23 port link-aggregation group 64 #
<pre>#FW2此部分配置与FW1类似。 # system-view # system-view # interface Route-Aggregation64 ip address 1.1.1.2 255.255.255.252 # interface GigabitEthernet1/0/22 port link-aggregation group 64 # interface GigabitEthernet1/0/23 port link-aggregation group 64 # remote-backup group data-channel interface Route-Aggregation64 data-wtime 10</pre>
#FW2此部分配置与FW1类似。 # system-view # sysname FW2 # interface Route-Aggregation64 ip address 1.1.1.2 255.255.252 # interface GigabitEthernet1/0/22 port link-aggregation group 64 # interface GigabitEthernet1/0/23 port link-aggregation group 64 # remote-backup group data-channel interface Route-Aggregation64 delay-time 10
#FW2此部分配置与FW1类似。 # system-view # interface Route-Aggregation64 ip address 1.1.1.2 255.255.252 # interface GigabitEthernet1/0/22 port link-aggregation group 64 # interface GigabitEthernet1/0/23 port link-aggregation group 64 # remote-backup group data-channel interface Route-Aggregation64 delay-time 10 local-ip 1.1.1.2
#FW2此部分配置与FW1类似。 # system-view # interface Route-Aggregation64 ip address 1.1.1.2 255.255.255.252 # interface GigabitEthernet1/0/22 port link-aggregation group 64 # interface GigabitEthernet1/0/23 port link-aggregation group 64 # remote-backup group data-channel interface Route-Aggregation64 delay-time 10 local-ip 1.1.1.2 remote-ip 1.1.1.1
#FW2此部分配置与FW1类似。 # system-view # interface Route-Aggregation64 ip address 1.1.1.2 255.255.255.252 # interface GigabitEthernet1/0/22 port link-aggregation group 64 # interface GigabitEthernet1/0/23 port link-aggregation group 64 # remote-backup group data-channel interface Route-Aggregation64 delay-time 10 local-ip 1.1.1.2 remote-ip 1.1.1.1 device-role secondary

^{2、}完成FW1和FW2的VRRP配置

私网ip地址、将vrro虚拟地址配置为ISP的ip地址即可,注意配置虚拟IP时需要配置掩
码,掩码以ISP给的为准。
#10直VFDF的需要与FBM大妖(王皮笛印号后增加active,反之standby) #因防火墙为双出口,为了保证源进源出,在公网口配置ip last-hop hold。
interface GigabitEthernet1/0/1
配直大键点 port link-mode route
1、防水清亭有8月1271120690.1.1.125号255.2586731(Rive
RBN#_P <fw1>dis remote-backup-group status</fw1>
Remoter lace / Conglight Live / Conglig
日的编码的899010295269.255-252
Uevinge vikiの200gr&tatug:2000/092.1
Contrate Gigaon Enternations port over
Keppelivercommittel in 10 0 1 1 255.255.0
Compfiguration consistency check interval: 24 hour
Qomfowze的的方面書寫中ow @eeok result: Not Performed Configuration backup status: Auto sync enabled
Servinabacether her her her her her her her her her
ပြောမ်းအရ နှစ်နှေ မြော်နွှယ်တွဲတွေတွေ တွေ့ဆုံသွန်သွန်သည့် hours, 29 minutes
Swiftboyer 16fa(18: ip 200.0.1.1 255.255.0 standby
2µ23-02-25 22:31:08 Standby to Active Interface status changed
RBMterface/CigabitEthernet1/0/2
IPvh/aidudesouter.255.252
Rµ0n%9y/n002%irtualୱିଇଥିପଡି/ଡି.2.1 <mark>255.255.255.0 standby</mark> RBM cantical charmel is established
V RP active group status : Master
Tøjal fullinker og av retra er som
Interfaceuress 10.10.9.3525.255.255.255.000 Adver Auth Virtual
GE1/0/1 1 Master 100 100 Not supported 200.0.1.1 GE1/0/2 2 Master 100 100 Not supported 200.0.2.1
GE1/0/1 1 Master 100 100 Not supported 200.0.1.1 GE1/0/2 2 Master 100 100 Not supported 200.0.2.1 3.GG成成W1和FW像的Master ack和路由时置 Not supported 10.0.1.1 BKW学校和APARE 用工物制度以得到客户区域 扩展性的运行器件 预测专用的问题 1
GET/0/1 1 Master 100 100 Not supported 200.0.1.1 GE1/0/2 2 Master 100 100 Not supported 200.0.2.1 3.G完成反W1和FW像的Master ack和路由配置 Not supported 10.0.1.1 RFF 建成成 Master ack和路由配置 Not supported 10.0.1.1 用FF 网络 Master ack和路由配置 Not supported 10.0.1.1 用FF 网络 Master ack和路由配置 Not supported 200.0.1.1
GE1/0/1 1 Master 100 100 Not supported 200.0.1.1 GE1/0/2 2 Master 100 100 Not supported 200.0.2.1 3.GG成成W1和FW像的Master ack和路由配置 Not supported 10.0.1.1 RBW完成N函配置,用于探测防火墙到各ISP网关地址的连通性,探测方式为icmp,探 #FV哪间隔为100ms,超时时间为500ms,连续5次不通即探测失败。 RBW_S <fw2>dis remote-backup-group status Remote datack uspdromaginiformation:</fw2>
GE1/0/2 2 Master 100 100 Not supported 200.0.1.1 GE1/0/2 2 Master 100 100 Not supported 200.0.2.1 3.G定成例U1和FW@的Master ack和確由戰單 Not supported 10.0.1.1 RFF研究的地配置,用于探测防火墙到各ISP网关地址的连通性,探测方式为icmp,探 #FV哪间隔为100ms,超时时间为500ms,连续5次不通即探测失败。 RBMM_S <fw2>dis remote-backup-group status Remote datackuspgroup/information: EatypagiangulecActive/standby</fw2>
GE1/0/1 1 Master 100 100 Not supported 200.0.1.1 GE1/0/2 2 Master 100 100 Not supported 200.0.2.1 3.GG成成W1和FW&的Master ack和路由配置 Not supported 10.0.1.1 RBW是成内函配置,用于探测防火墙到各ISP网关地址的连通性,探测方式为icmp,探 #FVW期间隔为100ms,超时时间为500ms,连续5次不通即探测失败。 RBWM_S <fw2>dis remote-backup-group status Remote-batck/wspgroup/information: Eav/septieng/secAbtive/standby Eav/septieng/secAbtive/standby Eav/septieng/sec000clle259econdary Eav/septieng/sec000clle259econdary</fw2>
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GE1/0/2 2 Master 100 100 Not supported 200.0.1.1 GE1/0/2 2 Master 100 100 Not supported 200.0.2.1 3.G克成例U1和FW像的Master ack和够由戰運 Not supported 10.0.1.1 RFW完成的始配置,用于探测防火谱到各ISP网关地址的连道性,探测方式为icmp,排 #FV哪间隔为100ms,超时时间为500ms,连续5次不通即探测失败。 RBMM_S <fw2>dis remote-backup-group status Remote datack uspgromain formation: EakylactionneglecActive/standby Dediestimationagip120010dla2Secondary Dediestimationagip120010dla2Secondary Dediestimationagip120010dla2Secondary Dediestimationagip120010dla2Secondary Dediestimationagip120010dla2Secondary Detiestimationagip120010dla2Secondary Detiestimationagip120010dla2Secondary Detiestimationagip120010dla2Secondary Detiestimationagip120010dla2Secondary Detiestimationagip120010dla2Secondary Detiestimationagip120010dla2Secondary Detiestimationagip120010dla2Secondary Detiestimationagip120010dla2Secondary Detiestimationagip120010dla2Secondary Detiestimationagip120010dla2Secondary Detiestimationagip120010dla2Secondary Detiestimationagip120010dla2Secondary Detiestimationagip120010dla2Secondary Detiestimationagip120010dla2Secondary Detiestimationagip120010dla2Secondary Detiestimationestimations the secondary Detiestimation the secondary Deties</fw2>
GE1/0/1 1 Master 100 100 Not supported 200.0.1.1 GE1/0/2 2 Master 100 100 Not supported 200.0.2.1 3.GG成低W1和FW像的Master ack和磁由戰單 Not supported 10.0.1.1 RBW完成內地配置,用于探测防火谱到各ISP网关地址的连通性,探测方式为icmp,探 #FM咖酮隔为100ms,超时时间为500ms,连续5次不通即探测失败。 RBMM_S <fw2>dis remote-backup-group status Remote datackuspgromprinformation: EasyluptionoptecActive/standby Dediestimationagpr20010cla259econdary Dediestimationagpr2001259econdary Dediestimationagpr20010cla259econdary D</fw2>
GE1/0/2 2 Master 100 100 Not supported 200.0.1.1 GE1/0/2 2 Master 100 100 Not supported 200.0.2.1 3.G完成後W1和FW線的Master ack和磁由戰單 Not supported 10.0.1.1 RF標意放的個電賞,用于探测防火墙到各ISP网关地址的连插性,探测方式为icmp,探 #FM國間滿为100ms,超时时间为500ms,连续5次不通即探测失败。 RBM_S <fw2>dis remote-backup-group status Remote datackuspgromaprinformation: EatylogicmopiecActive/standby EatylogicmopiecActive/standby EatylogicmopiecActive/standby EatylogicmopiecActive/standby EatylogicmopiecActive/standby EatylogicmopiecActive/standby Eatylogicmopiet@OtOcil@Secondary Eatylogicmopiet@OtOcil@Secondary Eatylogicmopiet@OtOcil@Secondary Eatylogicmopiet@Otocil@Secondary Eatylog</fw2>
GE1/0/2 2 Master 100 100 Not supported 200.0.1.1 GE1/0/2 2 Master 100 100 Not supported 200.0.2.1 3.G运成场W1和FW像的Master ack和谐由戰運 Not supported 10.0.1.1 R邮票责款的始配置,用于探测防火谱到各ISP网关地址的连道性,探测方式为icmp,排 #PM期间隔为100ms,超时时间为500ms,连续5次不通即探测失败。 RBM _S <fw2>dis remote-backup-group status Remote data(kipg)groupinformation: EasylogicmodecActive/standby Dediestimatioagip120000d/0d/258econdary Dediestimatioagip120000d/0d/258econdary Dediestimatioagip120000d/0d/258econdary Dediestimatioagip120000d/0d/258econdary Dediestimatioagip120000d/0d/258econdary Dediestimatioagip120000d/0d/258econdary Dediestimatioagip120000d/0d/258econdary Dediestimatioagip120000d/0d/258econdary Dediestimatioagip120000d/0d/258econdary Dediestimatioagip120000d/0d/258econdary Dediestimatione jofter 16000feet 16000f</fw2>
GE1/0/2 2 Master 100 100 Not supported 200.0.1.1 GE1/0/2 2 Master 100 100 Not supported 200.0.2.1 3.G定成例1和FW像的Master ack和磁由戰單 Not supported 10.0.1.1 RFM完成例1和FW像的Master ack和磁由戰 #Not supported 10.0.1.1 RFM完成例1和FW像的Master ack和磁由戰 Remote attack up group status Remote attack up group status Remote attack up group status Remote attack up group status Standby Detestimation gip 8001042500 the Aggregation 64 Lopabbe: timbouk 500 Remeated R:11ch ack acd Determent aproper 1 60006 te shold-type consecutive 5 action-type trigg Controllynamel status: Connected Metepalive interval: 1s Metepalive interval: 1s Metepalive interval: 1s Metepalive interval: 24 hour Contiguration to 2003 to 2025 the ck result: Not Performed Contiguration to 2003 to 2025 the ck result: Not Performed Contiguration to 2003 to 2025 the ck result is not performed Contiguration to 2003 to 2025 the ck up enabled
GE1/0/2 2 Master 100 100 Not supported 200.0.1.1 GE1/0/2 2 Master 100 100 Not supported 200.0.2.1 3.G定成场W1和FW@的Master ack和磁由戰單 Not supported 10.0.1.1 RF#受益的過程置,用于探测防火墙到各ISP网关地址的连插性,探测方式为icmp,接 #FM國间隔为100ms,超时前间为500ms,连续5次不通即探测失败。 RBM_S <fw2>dis remote-backup-group status Remote datackuspgrompinformation: EatyloapiernopiecActive/standby Eatiestimatioagip120010cl@3Becondary Eatiestimatioagip120010cl@3Becondary Eatiestimatioagip120010cl@3Becondary Eatiestimatioagip120010cl@3Becondary Eatiestimatioagip120010cl@3Becondary Eatiestimation ipo00tate:Standby Eatiestimation ipo00tate:Standby Eatiestimation ipo00tate:Standby Casterohighannel status: Connected Keepalive interval: 1s Keepalive interval: 1s Keepalive interval: 1s Keepalive interval: 24 hour Casteguentign1006kup status: Auto sync enabled Sessionhopdigu205tate25tb backup enabled Easienhopdigu205tate225tb backup enabled Easienhopdigu205tate225tb backup enabled Easienhopdigu205tate225tb backup enabled</fw2>
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GE170/7 1 Waster 100 100 Not supported 200.0.1.1 GE170/2 2 Master 100 100 Not supported 200.0.2.1 3.G莲成版W1和FW段的Master ack和磁曲面罩 Not supported 10.0.1.1 P\$#完放M地配置,用于採测防火墙到名ISP网关地址的连通性,探测方式为icmp,探 #FW期间限为100ms,超时时间为500ms,连续5次不通即探测失败。 R\$M_S-FW2>dis remote-backup-group status Remote-drate(support) Eatylog:imgslec:Active/standby Eatylog:Active/standby Eatylog:Active/standby Eatylog:Active/standby Eatylog:Active/standby Eatylog:Active/standby Eatylog:Active/standby Eatylog:Active/standby Eatylog:Active/standby Eatylog:Active/standby Eatylog:Active/standby Eatylog:Active/standby Eatylog:Active/standby Eatylog:Active/standby Active/standby Eatylog:Active/standby A
GET071 1 Master 100 100 Not supported 200.0.1.1 GET172 2 Master 100 100 Not supported 200.0.2.1 3.G 完成成例1和FW@的Master ack和磁曲面罩 Not supported 10.0.1.1 BF#完成的检查置,用于探测历火播到各ISP网关地址的连通性,探测方式为icmp,排 #FV硬间局力100ms,超时时间为500ms,连续5次不通即探测失败。 RBM S <fw2>dis remote-backup-group status Rengte date/support again formation: Explore image: A dive/standby Dedessimationagin: 2001/2002/2000 status Rengte date/support again formation: Explore image: A dive/standby Dedessimationagin: 2001/2002/2000 Dedessimationagin: 2001/2002/2002/2002/2002/2002/2002/2002</fw2>
GET/071 1 Master 100 100 Not supported 200.0.1.1 GET/072 2 Master 100 100 Not supported 200.0.2.1 3.G 完成成例1和FW@的Master ack和磁曲面通 Not supported 10.0.1.1 RFW建設市MABET 和于探测历文U描到名ISP网关地址的连通性、探测方式方jicmp, 排 #FV强制运力00ms, 超时时间方500ms, 连续5次不通即探测失败。 RBM S <fw2>dis remote-backup-group status Rangte datokipg/majrinformation: EayloggiongleCAdive/standby EdvisemationgleCAdive/standby EdvisemationgleCAdive/standby EdvisemationgleCAdive/standby EdvisemationgleCAdive/standby EdvisemationgleCAdive/standby EdvisemationgleCAdive/standby EdvisemationgleCAdive/standby EdvisemationgleCAdive/standby EdvisemationgleCAdive/standby EdvisemationgleCAdive/standby EdvisemationgleCAdive/standby EdvisemationgleCAdive/standby EdvisemationgleCAdive/standby EdvisemationgleCAdive/standby EdvisemationgleCAdive/standby Edvisemation in Status: Connected Homepalive interval: 1s HeengaliveringleCAdive/standby report fa0064eshold-type consecutive 5 action-type trigg Cartrighteration ippelsiteCag3raheck result: Not Performed CdriftiguentigntBodkutaCaStbt backup enabled EasiathbackutBodkutaCaStbt backup EasiathCag1Interface status changed RBM_S<fw2> RBMQ6_EtMAStBistpTomainstart-time now lifetime forever IP / AddistatHabuteishtTomainstart-time now lifetime forever IP / AddistatHabuteishtTomainstart-time now lifetime forever R Lyming mode : Standard RBMAgeEtMatHabuteishtTomainstartstart. Backup VftBRcBardbyBogroupstatus: Backup VftBRcBardbyBogroupstatus: Backup VftBRcBardbyBogroupstatus: Backup VftBRcBardbyBogroupstatus: Backup VftBRcBardbyBogroupstatus: Backup VftBRcBardbyBogroupstatus: Backup VftBRcBardbyBogroupstatus: Backup VftBRcBardbyBogroupstatus: Backup Firme Time Type IP </fw2></fw2>
GE170/1 1 Matter 100 100 Not supported 200.0.2.1 GE170/2 2 Master 100 100 Not supported 200.0.2.1 3.G完成形W1和FW修路Master ack和能由函缆 Not supported 10.0.1.1 RFW研究的NARE 用于探测防火谱型名ISP网关地如序道体,探测方式为icmp, 探 #FW随间隔为100ms, 進时时间为500ms, 连续5次不通即探测失败。 RBM S <fw2>dis remote-backup-group status Remote batckupgroup/information: Eaghapiengbe2Adive/standby Gotissimationgp18001014298condary Evisencengbe2Adive/standby Gotissimationgp18001014298condary Evisencengbe2Adive/standby Gotissimationgp18001014298condary Evisencentrop(10)90tate25bute-Aggregation64 Lopable2timbdu&500 ForeautidF11chdckedBetimationrobet150000+shold-type consecutive 5 action-type trigg Controphybranel status: Connected Keepalive interval: 1s GespalereropicipErf∈ Configureationrobote15000000000000000000000000000000000000</fw2>
GE170/1 1 Master 100 100 Not supported 200.0.2.1 GE170/2 2 Master 100 100 Not supported 200.0.2.1 3.G完成使W1和FW使给Master ack和能由函缆 Not supported 10.0.1.1 RFW完成的体配置,用于探测质为达强到各ISP网关地时的连通性,探测方式为icmp,接 #FW随间隔为100ms, 進时时间为500ms, 连续5次不通即探测失败。 RBM S <fw2>dis remote-backup-group status Remote batckiepgroupinformation: Eashapierngiee2A0tive/standby Getistimationgip180010dl@3Becondary Evisatianongip180010dl@3Becondary Evisatianongip180010dl@3Becondary Evisatianongip180010dl@3Becondary Evisatianongip180010dl@3Becondary Evisatianongip180010dl@3Becondary Evisatianongip180010dl@3Becondary Evisatianongip180010dl@3Becondary Evisatianongip180010dl@3Becondary Evisatianongip180010dl@3Becondary Evisatianongip180010dl@3Becondary Evisatianongip180010dl@3Becondary Evisatianongip180010dl@3Becondary Evisatianongip180010dl@3Becondary Contiguination ip20808@293heck result: Not Performed Contiguination ip20808@293heck result: Not Performed ContiguinationeCababbadiateremOpplates.ft81 truesh382.typeutensecutive 5 action-type trigg Switchoolyer records: Time Status change Cause 2985086489809313thematistart-time now lifetime forever IP / 4\%fastatl&Bud@aspf0rmatistart-time now lifetime forever IP / 4\%fastatl&Bud@aspf0rmatistart-time now lifetime forever IP / 4\%fastatl&Bud@aspf0rmatistart-time now lifetime forever Ruming mode : Standard R BMcalartnolphantnelisp establisbedtion 1 V #RP active group status : Backup VMRRk&aangbergroupsatataisBeaktion 1 Total number of virtual routers : 3 Intermatigatia1Bd&Bud@aspf0rmatistart-time now lifetime forever Eiple(d)tu-stati 0.0.00.000000000100254 H@&kzNot supported 200.0.1.1 Eiple(d)te-stati 0.0.00.0100 Not supported 200.0.2.1 E#/05 10 Backup 100 100 Not supported 200.0.2.1</fw2>

