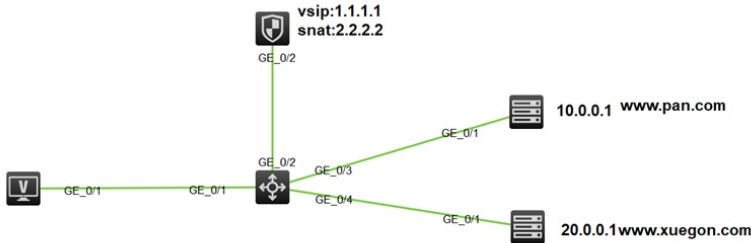


知 LB HTTP跳转HTTPS以及基于host的负载典型配置

七层服务器负载均衡 孔德飞 2024-02-26 发表

组网及说明

组网如下
LB旁挂SW，虚服务IP为1.1.1.1，并且公网IP只有这一个
真实IP分别为10.0.0.1与20.0.0.1
现场想要实现HTTP跳转HTTPS，跳转后进行HTTPS卸载，然后同时
根据终端输入的具体域名分别调度到不同的实际服务器



配置步骤

配置步骤
HTTPS卸载的配置请参考官网典型配置
本案例着重强调HTTP---HTTPS的跳转以及基于host的负载
HTTP到HTTP的调整，需要建立两个虚服务，一个是80端口名字为网盘的虚服务用于HTTP到HTTPS
的跳转（调用LB策略网盘http-https）
virtual-server 网盘 type http

virtual ip address 1.1.1.1

lb-policy 网盘http-https

```
default server-farm xxx

route-advertisement enable

sticky-sync enable global

service enable

loadbalance class 网盘http type http match-any

match 2 url /

#

loadbalance action http-https type http

redirect relocation https://%h%p

loadbalance policy 网盘http-https type http

class 网盘http action http-https
```

一个虚服务用于跳转后的真实HTTPS的业务

virtual-server 网盘 type http

port 443

virtual ip address 1.1.1.1

lb-policy 网盘yewuxitong

default server-farm xxx

ssl-server-policy lnyyxx

route-advertisement enable

sticky-sync enable global

service enable

基于HOST的调度策略在HTTPS的虚服务中调用LB策略

loadbalance class wangpan type http

match 1 header host value www.wangpan.com

loadbalance class xuegon type http

match 1 header host value www.xuegon.com

loadbalance action wangpan type http

server-farm sf1

#

loadbalance action xuegon type http

server-farm sf2

loadbalance policy yewuxitong type http

class wangpan action wangpan

class xuegon action xuegon

virtual-server 网盘 type http

port 443

virtual ip address 1.1.1.1

lb-policy 网盘yewuxitong

server-farm sf1

predictor hash address source

probe t1

success-criteria at-least 1

real-server rs1 port 80

success-criteria at-least 1

#

server-farm sf2

predictor hash address source

probe t1

success-criteria at-least 1

real-server rs2 port 80

success-criteria at-least 1

real-server rs1

ip address 10.0.0.1

#

real-server rs2

ip address 20.0.0.1

配置关键点

HTTP到HTTPS的跳转需要配置两个虚服务，一个HTTP的虚服务，用于跳转
一个HTTPS的虚服务，实际业务