陈安【技术大咖】 2007-05-28 发表



进入新增加的Netflow接口配置界面,	配置相关参数,	其中最重要的参数就是UDP端口
号,要与nProbe保持一致,为2055,	如下图:	
	NetFlow Confi	iguration

			Incoming Flows
NetFlo	w Device	NetFlow	Set Interface Name [List NetFlow Interfaces]
	Local	2056 [Use a port v	value of 0 to disable collection] Set Port
	Collector UDP Port	If you want NAM to display used for NetFlow is 2055	y NetFlow data it receives from other hosts, i.e. act as a collector, you must specify the UDP pc
		1.0.0.0/8	Set Interface Address

其余配置都是nProbe的扩展性能配置了,可以不用做修改,采用默认参数即可。

四、实验总结

1、查看Netflow统计数据

做好以上配置后,将nProbe也启动起来,过一会,接口通过Netflow接口来查看统计信息了。如下图:

Configuration → NAM → About		NAM App NAM Acti	NAM Application NAM NAM Action Startup Shutdown					Ap	ply
		Applicat	ion				S	tate	
		NAM					R	unning	
		nProbe					R	unning	
			Global Trafi	ic Sta	tistics				
	Name	Device eth0	Global Traff	ic Sta	tistics I Sampling Rate	MTU	Header	Address 20112	IPv6 Addresse
Network Interface(s)	Name eth0 eth1	Device eth0 eth1	Global Traff	ic Sta	tistics Sampling Rate 2 2	MTU 1518 1518	Header 14 14	Address 20.1.1.2 172.32.18.123	IPv6 Addresse ::/0 ::/0
Network Interface(s)	Name eth0 eth1 lo	Device eth0 eth1 lo	Global Trafi Ty Ethernet Ethernet No link-layer encapsulati	ic Sta	tistics	MTU 1518 1518 8232	Header 14 14 4	Address 20.1.1.2 172.32.18.123 127.0.0.1	IPv6 Addresser ::/0 ::/0
Network Interface(s)	Name eth0 eth1 lo Netflow	Device eth0 eth1 lo NetFlow-device.2	Global Traff Ty Ethernet Ethernet No link-layer encapsulat Ethernet	ic Sta	tistics Sampling Rate 2 2 2 2 1	MTU 1518 1518 8232 1518	Header 14 14 4 14	Address 20.1.1.2 172.32.18.123 127.0.0.1 1.0.00	IPv6 Addresser ∷/0 ∷/0 ∷/0
Network Interface(s) Local Domain Name	Name eth0 eth1 lo Netflow	Device eth0 eth1 lo NetFlow-device 2	Global Traff Ty Ethernet Ethernet No link-layer encapsulat Ethernet	ic Sta	tistics	MTU 1518 1518 8232 1518	Header 14 14 4 14	Address 20.1.1.2 172.32.18.123 127.0.0.1 1.0.00	IPv6 Addresser
Network Interface(s) Local Domain Name Sampling Since	Name eth0 eth1 lo Netflow	Device eth0 eth1 lo NetFlow-device.2	Global Traff	ic Sta	tistics Sampling Rate 2 2 2 1	MTU 1518 1518 8232 1518	Header 14 14 4 14 Tue	Address 20.1.1.2 172.32.18.123 127.0.0.1 1.0.0.0 May 22 20:06:3	IPv6 Addresses
Network Interface(s) Local Domain Name Sampling Since Active End Nodes	Name eth0 eth1 lo Netflow	Device eth0 eth1 io NetFlow-device.2	Global Traff	ic Sta	tistics	MTU 1518 1518 8232 1518	Header 14 14 4 14 Tue	Address 20.1.1.2 172.32.18.123 127.0.0.1 1.0.00 May 22 20:06:3	IPv6 Addresser 10 10 10 h3c.tor h3c.tor 10 2007 (13:45:2

2、原理分析

nProbe是Netflow Probe的简称,意为Netflow探针。通过nProbe将镜像过来的流量按照Netflow格式进行打包,发送给能够对Netflow报文进行处理的主机来处理这些报文。而在NAM上正好集成了Netflow插件,因此在nProbe处理后,直接就交给了Netflow插件处理,两者同时集成在NAM模块上,具有得天独厚的优势,能够对干兆流量进行分析处理。