陈斌A 2007-03-21 发表



General Seed SNMP	Telnet Filter Timer
Version Port Rea	ad Com Write Com Timeout Retry Us
1	
Add	Delete Select
Start auto-discovery at once	OK Cancel Help
Start auto-discovery at once	OK Cancel <u>H</u> elp
Start auto-discovery at once	OK Cancel <u>H</u> elp
Add SMIP	OK Cancel Help
Start auto-discovery at once Add SNTP SNMP Version Read Community	OK Cancel Help
Shart auto-discovery at once Add SNEP SNMP Version Read Community Write Community	OK Cancel Help
Shart auto-discovery at once Add SNEP SNMP Version Read Community Write Community Timeout (1-60s)	OK Cancel Heir
Shart auto-discovery at once Add ShillP SNMP Version Read Community Write Community Timeout (1-60s) Retry (0-20)	OK Cancel Help
Shart auto-discovery at once	OK Cancel Help

Authen, Type	Password •
Usemame	
Password	
Super Password	
Timeout (1-60s)	4

2.2 通过自动发现将所有设备添加到Quidview中:



2.2这时VDM的资源树中自动添加上相关的设备:

🖢 Quidview - [IP Topology - IP]	View]									
System Resource Performance Eault S	vsiog Config	uration Io	ols <u>Window</u>	Help						1012
0 2 2 0 E 2 0 00	00	1 2							00	0000
Precvery Besser Resource Precvery Precvery Precvery VPN Vew (2) VPN Vew (2) SecPath 100F-8(10.1.1.2)		9 2 2					2 12 12 14		2	е с 4 8
Security Management Context And Olance of VPN South Context Task Management South Context Task Management	- 0 2 8			50072	ENTOUR ACC	24888	100		2	
Sedame Monitor Deploy Sedaut Parameters Bor VPN Network Sedaut Parameters Sedaut Parameters Sedaut Parameters Sedaut Parameters Sedaut Parameters	55							12981	stor	
007-03-21 08-31-17 Reply from 202.1.1.1 b 1007-03-21 08-31-18 Reply from 202.1.1.1 b 1007-03-21 08-31-19 Reply from 202.1.1.1 b 1007-03-21 08-31-19 Reply from 202.1.1.1 2007-03-21 08-31-19 Reply from 202.1.1 2007-03-21 08-31-19 Reply from 202.1 2007-03-21 08-31-19 Approximate round file 1 2007-03-21 08-31-19 Approximate round file 1 2007-03-21 08-31-19 Approximate round file 1 2007-03-21 08-31-19 Approximate round file 1	des=32 time=1 des=32 time=1 des=32 time=1 1.1: ceived = 4, Lot times in milli-s amum = 1ms, A	ims TTL=25 ims TTL=25 ims TTL=25 at = 0 (0% lo econds kverage = 1r	4 4 55), ns							ĺ
Output Unacknowledged Events										100
Seriedmin Server:127.0.0.	1	10	100							10

3 通过VDM配置IPsec VPN

3.1 点击左侧下方的<部署> <IPsec VPN网络>,在右侧工具栏中点击<创建>



6	Network Name	
	IPSec test	
upgrau		
\rightarrow		

3.3 添加建立IPsec VPN的设备:



3.4 点击下拉菜单选择需要建立VPN的接口:



SecPath100F-A(202.1.1.1) SecPath100F-B(10.1.1.2)	Internal Network Configuration Host IP Address Example: 192.168.1.1 192.168.1.1255.255.255.255 192.168.1.1/32 Network IP Address Example: 192.168.1.0/24 192.168.1.0/245.255.255.0	
	192.168.0.0/24	Add
	10.1.1.0/255.255.0	Duietó
	Province Next Einiel	b Cancel

3.6 选择IPsec的参数,可以采用默认值,也可以点击添加,自定义设置新的参数:



PSec Security Proposal Name	ICE-Proposal		IKE Security Proposal Name	ICE-IKE
Wessage Format	Tunnel		Auth. Method	Define Share Key
Security Protocol	ESP	•	Enc. Algorithm	DES
NH Auth. Algorithm		*	Auth. Algorithm	MD5
ESP Auth. Algorithm	MD5	•	Deffi-Hellman Group ID	DH Group1
ESP Enc. Algorithm	DES	•	ISAKMP SA Span	86400 (60-604800s)
Suggestion			Suggestion	

3.7 配置其它IPsec的参数



3.8 配置完毕后,在右侧的列表中就会出现该配置,状态为:未部署。

	Configuration Tools y	Yindow Help			فلعا
× 3 0 0 5 5 0 10 0				an	00000
Inventory Security BIMS	Name	Creator	Time	State	Device number
Resource		dmilh	2007-03-16 08:50 42	Deployed	
		Confir	Do you want to deploy the	> selected network?	
VPN VPN StAt A Glance of VPN StAt A Glance of VPN State Monitor Task Management			OK Ca	incet	
Societed Task Management Societed Ta				_	
Devided Task Management Devided Task Management Devide Parameters Devid	Ci	eateView_	Delete	Clear Deploy	Rgtesh Help

3.9点击部署,确定后,就开始部署IPsec VPN,稍后就会出现部署成功的提示。



3.10 在内网中的设备 (如 S3528) 上ping对端的设备, 触发IPsecVPN隧道:



^{3.11} 右键点击设备, <刷新设备隧道信息>,再<查看隧道>, 则右侧会出现建立的隧道, 点击隧道名称, 下侧会出现详细信息:

		5 km 4 - 6						00000
Inventory Sec	unity BIMS Resource	Local Device Na	ime Local IP	Remote Device	D Remote IP	Tunnel State	Tunnel Source	Key Negotiation T
PSec VPN Netwo VPN View [2]	off. 0F-A(202.1.1.1)	Becklantoor-Aga	02. 202111	2021.1.2	202.1.1.2	Keazy	Remose	PLE .
- C BREAMIL	Delete In Group Delete Device							
	View Device Tunnel Topo							
	Browse Tunnel							
	Device Tunnel Fault Switch							- 19
	Refresh Device Tunnel Info	mation	Sá Direction	SPS Value S	Security Protocol	Encr Algorithe	n Auth Algorit	m SA Status
Security Managem	Device Tunnel History	100F-A.	Out	1354733842 69	P	NONE	MD5	ACTIVE
C. C. Monitor	1	SecPath100F-A	In	3063091445 ES	p	NONE	MD6	ACTIVE
At A Ola	ance of VPN Task Management							
S AA OU S Monitor S Debites S Deploy S Debut S Default S Default S PSec V S IPSec V	nne or VPN Task Management Task Management Branneters Pri Network epilyee0 ec test(Deployed)						Enter	in Helb

3.12 右键点击设备, <查看隧道拓扑>再<刷新设备隧道信息>, 则右侧会出现IPsec隧道的拓扑图:

Quidviev System Resour	LYXew Device Ton ce gentomance gaut	nel Topology - S Sysjog Configuration	ccPathi 1 Tools	00¥−0] Window Het	p					00	
Inventory	Security BIMS Resource		<i>T</i> 1		1.5		18		1.5	1.1	
IPSec VPN N VPN View SecPa	letwork [2] ith100F-A(202.1.1.1)	0									
Hen BacPa	Delete In Grou	φ									
	Vew Desce I Browse Tunne Device Tunnel	unnel Topo Il Fault <u>S</u> witch									
Security Mana VPN H D Monito - 5 At. - 5 Mo	Performent Device Tunnel at A Glance of VPN mitor Task Management	History	ea	-1011001-8(10	112						
B Co Depto	Ideed Task Management Storme Monton Y dault Parameters Sec VPN Network II(Deployed)										
L-9	IPSec test(Deployed)										
07-03-21 09 52 07-03-21 09 54 07-03-21 09 54 07-03-21 09 54 07-03-21 09 54 07-03-21 09 54 07-03-21 10 01 007-03-21 10 01	24 Minimum = 1ms, 1 126 Start refresh device' 127 Device's tunnel refre 131 Start refresh device' 132 Device's tunnel refre 132 Device's tunnel refre 132 Device's tunnel refre 133 Device's tunnel refre 134 Device's tunnel refre 135 Device's tunnel refre	Maximum = 2ms, Averag s tunnel ish success. s tunnel ish success. s tunnel ish success.	je = 1ms								
Output U	nacknowledged Events										
erradain	Server:127.0	.0.1	0110		_	_					

3.13 至此, IPsecVPN建立完毕, TELNET到设备上, 则会发现设备上自动配置了所需要的IPsec、IKE相关信息。

domain system	·
I ike proposal 1	
ike proposal 2	
authentication-algorithm md5	
ike peer av 41n7o9ar234v	
pre-shared-key guidviev	
remote-address 202.1.1.2	
ike peer qv_yz6bc9ef2345	
pre-inared-key quidview	
Penote"Address 202.1.1.2	
ipsec proposal qv_ab2de5gh8901	
undo esp encryption-algorithm	
ipsec proposal qv_mn4pq7st0123	
security to 2000	
ike-meer ov vz6bc9ef2345	
proposal qv_ab2de5gh8981 qv_mn4pg7st8123	
Nore	-

四 配置关键点: 设备上必须配置正确的TELNET参数。