在FTD上配置AnyConnect远程访问VPN

目录

简介 先决条件 要求 使用的组件 背景信息 配置 1. 先决条件 a)导入SSL证书 c)为VPN用户创建地址池 d)创建XML配置文件 e)上传AnyConnect映像 2.远程访问向导 <u>连</u>接 限制 安全考虑 a) 启用uRPF b) 启用sysopt connection permit-vpn选项 相关信息

简介

本文档介绍FTD上AnyConnect远程访问VPN的配置。

先决条件

要求

Cisco 建议您了解以下主题:

- •基本VPN、TLS和IKEv2知识
- •基本身份验证、授权和记帐(AAA)以及RADIUS知识
- 使用Firepower管理中心的经验

使用的组件

本文档中的信息基于以下软件和硬件版本:

- 思科FTD 7.2.0
- 思科FMC 7.2.1
- AnyConnect 4.10

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原 始(默认)配置。如果您的网络处于活动状态,请确保您了解所有命令的潜在影响。

背景信息

本文档提供Firepower威胁防御(FTD)版本7.2.0及更高版本的配置示例,允许远程访问VPN使用传输 层安全(TLS)和Internet密钥交换版本2(IKEv2)。作为客户端,可以使用Cisco AnyConnect,它受多 个平台支持。

配置

1. 先决条件

要在Firepower管理中心中通过"远程访问"向导,请执行以下操作:

- 创建用于服务器身份验证的证书。
- 配置RADIUS或LDAP服务器以进行用户身份验证。
- •为VPN用户创建地址池。
- 上传不同平台的AnyConnect映像。

a)导入SSL证书

配置AnyConnect时,证书至关重要。证书必须具有DNS名称和/或IP地址的主题备用名称扩展名以 避免在Web浏览器中出错。

注意:只有注册的思科用户才能访问内部工具和漏洞信息。

手动证书注册存在限制:

— 在FTD上,在生成CSR之前需要CA证书。

— 如果CSR是在外部生成的,则手动方法会失败,必须使用其他方法(PKCS12)。

在FTD设备上获取证书有多种方法,但安全且简单的方法是创建证书签名请求(CSR),使用证书颁 发机构(CA)对其进行签名,然后导入为CSR中的公钥颁发的证书。下面是如何做到这一点的:

•转到 Objects > Object Management > PKI > Cert Enrollment ,单击Add Cert Enrollment。

Add Cert Enrollment

| Name* | | |
|----------------------|---|--|
| vpntestbbed.cisco.co | m | |
| Description | | |
| | | |
| CA Information | Certificate Parameters Key | y Revocation |
| Enrollment Type: | Manual | • |
| | CA Only Check this option if you do n from this CA | ot require an identity certificate to be created |
| CA Certificate: | Epowy I GngteboJFITthst2 YfPCilB7g BMAV7Gzdc4VspS6ljrAhbit dBiQlQmsBeFz9JkF4b3l8l GN+qMa56Y It8una2gY4l2O//on88r5lWJ 1L0oA8e4fR2yrBHXadsGe kyNrwGi/ 7vQMfXdGsRrXNGRGnX+vV Z3/zWl0joDtCkNnqEpVnH END CERTIFICATE | iaw Bo JIm eFK WD IoX |
| Validation Usage: | IPsec Client SSL Cli Skip Check for CA flag ir | ient SSL Server |
| Allow Overrides | | |
| | | Cancel Save |

- •选择 Enrollment Type 并粘贴证书颁发机构(CA)证书(用于签署CSR的证书)。
- 然后转至第二个选项卡并选择 Custom FQDN 并填写所有必填字段,例如:

Add Cert Enrollment

| Name* | | |
|--------------------------------|-------------------------------|-------------|
| vpntestbbed.cisco.com | | |
| Description | | |
| | | |
| CA Information Certificate | Parameters Key Revocation | |
| Include FQDN: | Use Device Hostname as FQDN 🔻 | |
| Include Device's IP Address: | 10.88.243.123 | |
| Common Name (CN): | vpntestbed.cisco.com | |
| Organization Unit (OU): | TAC | |
| Organization (O): | Mexico | |
| Locality (L): | MX | |
| State (ST): | CDMX | |
| Country Code (C): | MX | |
| Email (E): | tac@cisco.com | |
| Include Device's Serial Number | | |
| | | |
| | | |
| Allow Overrides | | |
| | | Cancel Save |

- •在第三个选项卡上,选择 Key Type,选择名称和大小。对于RSA,最少2048位。
- 点击保存并转至 Devices > Certificates > Add > New Certificate.
- 然后选择 Device、和 Cert Enrollment 选择您刚刚创建的信任点,点击 Add:

Add New Certificate

Add a new certificate to the device using cert enrollment object which is used to generate CA and identify certificate.

2

| Device*: | | |
|----------------------|---|--|
| FTD | • | |
| Cert Enrollment*: | | |
| vontesthed cisco com | • | |

Cert Enrollment Details:

Name:

vpntestbed.cisco.com

- 之后,点击信任点名称旁边的 [∰] 图标,然后 Yes,然后将CSR复制到CA并签名。 证书的属性 必须与HTTPS服务器的普通属性相同。
- •从CA收到base64格式的证书后,从磁盘中选择该证书,然后单击 Import.当此操作成功时,您会 看到:

| Name | Domain | Enrollment Type | Status | | |
|----------------------|--------|-----------------|----------|--|----------|
| ∽ 🚥 FTD | | | | | A |
| vpntestbed.cisco.com | Global | Self-Signed | O CA LID | | ± PC T |

b)配置RADIUS服务器

- •转到 Objects > Object Management > RADIUS Server Group > Add RADIUS Server Group.
- •填写名称并添加IP地址和共享密钥,单击 Save:

IP Address/Hostname:*

192.168.20.7

Configure DNS at Threat Defense Platform Settings to resolve hostname

| 1812 Kourt | | |
|-------------------------------------|-----------|----|
| Kour* | | |
| Ney. | | |
| | | |
| Confirm Key:* | | |
| | | |
| ccounting Port: (1-65535) | | |
| 1813 | | |
| Timeout: (1-300) Seconds | | |
| 10 | | |
| Default: Management/Diagnostic I+ + | | |
| Redirect ACL · | | |
| _ | | |
| * + | | |
| * т | | |
| т. | Cancel | ve |
| 之后,您会看到列表中的服务器: | Cancel Sa | ve |

c)为VPN用户创建地址池

- 转到 Objects > Object Management > Address Pools > Add IPv4 Pools.
- 输入名称和范围,不需要掩码:

Name*

vpn_pool

IPv4 Address Range*

10.72.1.1-10.72.1.150

Format: ipaddr-ipaddr e.g., 10.72.1.1-10.72.1.150

Mask

Specify a netmask in X.X.X.X format

Description

Allow Overrides

Configure device overrides in the address pool object to avoid IP address conflicts in case of object is shared across multiple devices

Override (0)

| | |
|------|--|
| | |
| | |
| | |
| | |
| | |

d)创建XML配置文件

- •从思科站点下载配置文件编辑器并打开它。
- 转到 Server List > Add...
- 放置显示名称和FQDN。您会看到服务器列表中的条目:

🐴 AnyConnect Profile Editor - VPN

File Help

– 🗆 🗙

OK

Cancel

| VPN Preferences (Part 1) Preferences (Part 2) Backup Servers | Server List Profile: C:\Users\calo\Documents\Anyconnect_profile.xml | | | | | | | |
|---|--|---------------------------|-------------------|-----------------------|------|-----------------|------------------|--|
| Certificate Pinning | Hostname | Host Address | User Group | Backup Server List | SCEP | Mobile Settings | Certificate Pins | |
| Certificate Enrollment | VPN(SSL) | vpntestbed.cisco | | Inherited | | | | |
| Mobile Policy | VPN(IPSEC) | vpntestbed.cisco | | Inherited | | | | |
| | Note: it is high | y recommended that at lea | ast one server be | defined in a profile. | | Add | Delete | |

e)上传AnyConnect映像

- •从思科站点下载软件包映像。
- 转到 Objects > Object Management > VPN > AnyConnect File > Add AnyConnect File.
- •键入名称并从磁盘中选择PKG文件,单击 Save:

Edit AnyConnect File

Name:*

Anyconnectmac4.10

File Name:*

anyconnect-macos-4.10.06079-webder

File Type:*

AnyConnect Client Image

Description:

•根据您自己的要求添加更多软件包。

2.远程访问向导

- 转到 Devices > VPN > Remote Access > Add a new configuration.
- 命名配置文件并选择FTD设备:

Browse ...

w

Cancel OK

Targeted Devices and Protocols

This wizard will guide you through the required minimal steps to configure the Remote Access VPN policy with a new user-defined connection profile.

Name:*

Anyconnect_RA

Description:

VPN Protocols:

SSL

IPsec-IKEv2

Targeted Devices:

Available Devices

Q. Search

FTD

Add

• 在连接配置文件步骤中,键入 Connection Profile Name,选择 Authentication Server 和 Address Pools 您之前创建的内容:

Connection Profile:

Connection Profiles specify the tunnel group policies for a VPN connection. These policies pertain to creating the tunnel itself, how AAA is accomplished and how addresses are assigned. They also include user attributes, which are defined in group policies.

| Connection Profile Name:* | Anyconnect_RA | |
|---------------------------|---------------|--|
| | | |

This name is configured as a connection alias, it can be used to connect to the VPN gateway

Authentication, Authorization & Accounting (AAA):

Specify the method of authentication (AAA, certificates or both), and the AAA servers that will be used for VPN connections.

| Authentication Method: | AAA Only | • |
|---|---|----------|
| Authentication Server:* | RadiusServer | • |
| | (LOCAL or Realm or RADIUS) | |
| | Eallback to LOCAL Authenticat | tion |
| | | |
| Authorization Server: | Use same authentication server | • |
| Authorization Server: | Use same authentication server (Realm or RADIUS) | • |
| Authorization Server: Accounting Server: | Use same authentication server (Realm or RADIUS) | • |

Client Address Assignment:

Client IP address can be assigned from AAA server, DHCP server and IP address pools. When multiple options are selected, IP address assignment is tried in the order of AAA server, DHCP server and IP address pool.

| Use AAA Server (| Realm or RADIUS only) 🛛 | |
|---------------------|-------------------------|---|
| Use DHCP Server | S | |
| Use IP Address P | ools | |
| IPv4 Address Pools: | vpn_pool | į |
| IPv6 Address Pools: | | ŝ |
| Group Policy: | | |

A group policy is a collection of user-oriented session attributes which are assigned to client when a VPN connection is established. Select or create a Group Policy object.

| Group Policy:* | DfltGrpPolicy | • | + |
|----------------|-------------------|---|---|
| | Edit Group Policy | | |

• 点击 Edit Group Policy 在AnyConnect选项卡上,选择 Client Profile,然后单击 Save:

| N | 3 | ۲ | m | 14 | ۵ | ٠ | * |
|-----|---|---|---|----|---|---|---|
| 1.1 | а | ł | | 1 | - | - | |

DfltGrpPolicy

| D | | | |
|------|-----|-----|----|
| Desc | rip | tio | n: |
| | | | |

| General | AnyConnect | Advanced |
|---------|------------|----------|
| | | |
| | | |

| Profile | AnyConnect profiles contains settings for the VPN client functionality and |
|---------------------|---|
| Management Profile | optional features. Firewall Threat Defense deploys the profiles during |
| Client Modules | AnyConnect client connection. |
| SSL Settings | Client Profile: |
| Connection Settings | Anyconnect_profile |
| Custom Attributes | Standalone profile editor can be used to create a new or modify existing AnyConnect profile. You can download the profile editor from Cisco Software Download Center. |

• 在下一页上,选择AnyConnect映像,然后单击 Next.

AnyConnect Client Image

The VPN gateway can automatically download the latest AnyConnect package to the client device when the VPN connection is initiated. Minimize connection setup time by choosing the appropriate OS for the selected package.

Download AnyConnect Client packages from Cisco Software Download Center.

| | | | Show Re-order buttons |
|---|-----------------------------|---------------------------------------|-----------------------|
| ~ | AnyConnect File Object Name | AnyConnect Client Package Name | Operating System |
| ~ | Anyconnectmac4.10 | anyconnect-macos-4.10.06079-webdeploy | Mac OS 🔹 |

• 在下一个屏幕上,选择 Network Interface and Device Certificates:

0

and an inclusion

Network Interface for Incoming VPN Access

Select or create an Interface Group or a Security Zone that contains the network interfaces users will access for VPN connections.

Device Certificates

Device certificate (also called Identity certificate) identifies the VPN gateway to the remote access clients. Select a certificate which is used to authenticate the VPN gateway.

Certificate Enrollment:*

```
vpntestbed.cisco.com 🔹 +
```

Access Control for VPN Traffic

All decrypted traffic in the VPN tunnel is subjected to the Access Control Policy by default. Select this option to bypass decrypted traffic from the Access Control Policy.

Supprise Access Control policy for decrypted traffic (sysopt permit-vpn) This option bypasses the Access Control Policy inspection, but VPN filter ACL and authorization ACL downloaded from AAA server are still applied to VPN traffic.

• 当所有配置都正确时,您可以单击 Finish 然后 Deploy:

| Remote User | Internet | Outside | VPN Inside Device | Corporate Resources |
|-------------------------------|--|---------------|-----------------------------|------------------------|
| Remote Access VPN Polic | cy Configuration | | Additional Configurat | ion Requiremen |
| Firepower Management Center w | vill configure an RA VPN Policy with the follo | wing settings | After the wittend con | polotos the follo |
| Name: | Anyconnect_RA | | configuration needs to be | e completed for VP |
| Device Targets: | FTD | | work on all device targets. | |
| Connection Profile: | Anyconnect_RA | | Access Control Poli | ov Lindato |
| Connection Alias: | Anyconnect_RA | | Access Control Point | y opuale |
| AAA: | | | An Access Control rule | must be defined to |
| Authentication Method: | AAA Only | | | eu devices. |
| Authentication Server: | RadiusServer (RADIUS) | | NAT Exemption | |
| Authorization Server: | RadiusServer (RADIUS) | | If NAT is enabled on t | he targeted devices |
| Accounting Server: | - | | must define a NAT Poli | cy to exempt VPN tra |
| Address Assignment: | | | DNS Configuration | |
| Address from AAA: | - | | To resolve hostname | specified in AAA Se |
| DHCP Servers: | - | | or CA Servers, configu | re DNS using FlexC |
| Address Pools (IPv4): | vpn_pool | | Policy on the targeted of | devices. |
| Address Pools (IPv6): | - | | Port Configuration | |
| Group Policy: | DfltGrpPolicy | | SSL will be enabled on | port 443. |
| AnyConnect Images: | Anyconnectmac4.10 | | IPsec-IKEv2 uses port | 500 and Client Ser |
| Interface Objects: | Outsied | | will be enabled on p | ort 443 for Anycon |
| Device Certificates: | vpntestbed.cisco.com | | by default and will use | nort 4500. |

Device Identity Certificate Enrollment

Certificate enrollment object 'vpntestbed.cisco.com' is not installed on one or more targeted devices. Certificate installation will be initiated on the targeted devices on finishing the wizard. Go to the *Certificates* page to check the status of the installation. ts

owing N to

allow

. vou affic.

ervers onfig

vices nnect abled by default and will use port 4500.

Please ensure that these ports are not used in NAT Policy or other services before deploying the configuration.

Network Interface Configuration

Make sure to add interface from targeted devices to SecurityZone object 'Outsied'

这会将整个配置、证书和AnyConnect软件包复制到FTD设备。

连接

要连接到FTD,您需要打开浏览器,键入指向外部接口的DNS名称或IP地址。然后使用存储在 RADIUS服务器中的凭证登录,并在屏幕上执行说明。 安装AnyConnect后,您需要在 AnyConnect窗口中放置相同的地址,然后单击 Connect.

限制

当前在FTD上不受支持,但在ASA上可用:

- Firepower Threat Defense 6.2.3或更早版本不支持RADIUS服务器中的接口选择。在部署期间 将忽略接口选项。
- 启用动态授权的RADIUS服务器需要Firepower威胁防御6.3或更高版本才能运行动态授权。
- FTDposture VPN不支持通过动态授权或RADIUS授权更改(CoA)进行组策略更改。
- AnyConnect自定义(增强功能: Cisco bug ID CSCvq87631)
- AnyConnect脚本
- AnyConnect本地化

- WSA集成
- RA和L2L VPN同步IKEv2动态加密映射(增强功能:Cisco Bug ID CSCvr52047)
- AnyConnect模块(NAM、Hostscan、AMP Enabler、SBL、Umbrella、网络安全等) 默认 情况下安装DART(AMP Enabler和Umbrella的增强功能:Cisco bug ID <u>CSCvs03562</u>和Cisco bug ID <u>CSCvs0642</u>)。
- TACACS、Kerberos(KCD身份验证和RSA SDI)
- •浏览器代理

安全考虑

默认情况下, sysopt connection permit-vpn选项处于禁用状态。这意味着您需要允许来自外部接口上的地 址池的流量通过访问控制策略。虽然添加预过滤器或访问控制规则以仅允许VPN流量,但如果明文 流量与规则条件匹配,则会错误地允许该流量。

有两种方法可以解决此问题。首先,TAC推荐的选项是为外部接口启用反欺骗(在ASA上称为单播 反向路径转发 — uRPF),其次,启用 sysopt connection permit-vpn 完全绕过Snort检测。第一个选项允 许对进出VPN用户的流量进行正常检查。

a) 启用uRPF

•为用于远程访问用户的网络创建空路由(在C部分中定义)。转到 Devices > Device Management > Edit > Routing > Static Route 并选择 Add route

| Add | Static | Route | Configuration |
|-----|--------|-------|---------------|
|-----|--------|-------|---------------|

| Type: IPv4 | O IPv6 | | |
|--------------------------------|--------------------|------------------------------|--------|
| Interface* | | | |
| NullO | • | | |
| (Interface starting with this | icon 👩 signifies i | t is available for route lea | k) |
| Available Network C | + | Selected Netwo | ork |
| Q Search | | Add objvpnusers | Ì |
| any-ipv4 | | | |
| FMC | | | |
| GW | | | |
| IPv4-Benchmark-Tests | | | |
| IPv4-Link-Local | | | |
| IPv4-Multicast | | | |
| | | | |
| Gateway* | | | |
| | • + | | |
| Metric: | | | |
| 1 | | | |
| (1 - 254) | | | |
| Tunneled: (Used only f | or default Route) | | |
| Route Tracking: | | | |
| | • + | | |
| | | | Cancel |

• 接下来,在VPN连接终止的接口上启用uRPF。要查找此内容,请导航至 Devices > Device Management > Edit > Interfaces > Edit > Advanced > Security Configuration > Enable Anti Spoofing.

Edit Physical Interface

| General | IPv4 | IPv6 | Path Monitoring | Hardware Configuration | Manager Access | Advanced |
|-------------|--------------------|----------------------|-------------------------|------------------------|----------------|----------|
| Information | ARP | Sec | curity Configuration | | | |
| Allow F | Enabl ull Fragm | e Anti S ent Reas | poofing: 🗹 sembly: 🗌 | | | |
| Override | Default Fr | agment | Setting: | | | |
| | | | | | | |
| | | | | | | |



当用户连接时,路由表中会为该用户安装32位路由。清除来自池中其他未使用IP地址的文本流量会 被uRFP丢弃。要查看的描述,请执行以下操作: Anti-Spoofing请参阅<u>在Firepower威胁防御上设置安</u> 全配置参数。

b) 启用 Sysopt connection permit-vpn 选项

• 如果您有版本6.2.3或更高版本,则可以选择使用向导或在其下执行该操作 Devices > VPN > Remote Access > VPN Profile > Access Interfaces.

Access Control for VPN Traffic

- Bypass Access Control policy for decrypted traffic (sysopt permit-vpn) Decrypted traffic is subjected to Access Control Policy by default. This option bypasses the inspection, but VPN Filter ACL and authorization ACL downloaded from AAA server are still applied to VPN traffic.
- 对于6.2.3之前的版本,请转到 Objects > Object Management > FlexConfig > Text Object > Add Text Object.
- 创建文本对象变量,例如:vpnSysVar具有值的单个条目 sysopt.
- •转到 Objects> Object Management > FlexConfig > FlexConfig Object > Add FlexConfig Object.
- 创建 FlexConfig 使用CLI的对象 connection permit-vpn.
- 将文本对象变量插入 FlexConfig CLI上的对象 **\$vpnSysVar connection permit-vpn**. 点击 Save:

| | | | | Add FlexCo | nfig Object Rilter |
|---|-----------------------|---|-----------------|---------------------|---|
| DNS Lists and Feeds | Na Add FlexConfig | Object | | ? × | |
| URL Lists and Feeds Sinkhole File List | Def Name: | connection_permit-vpn | | | e help of TextObjects defaul 🗈 🔍 📑 e help of TextObjects defaul 🗈 🖉 📑 |
| Cipher Suite List Oistinguished Name Individual Objects | Def Description: | Insert Text Object Variable | | ? × | |
| Object Groups PKI SLA Monitor | DHi Insert • | Variable Name: vpnSysVar | | t) Type: (Append t) | nt) and one inside interface 🗈 🔍 3 outside (PD client) and one ir 🕞 🔍 3 |
| Prefix List IPv4 Prefix List IPv6 Prefix List | DN: connection perm | ikxR0 | | | if TextObjects dnsParameter: 🔓 🔍 5 15. 🔓 4 5 |
| Route Map Access List | Eigi Eigi | Available Objects C | Selected Object | 8 | s next hop. 2. configures au 🐚 🔍 🕤 irs for eigrp. 1. Configures au 🐚 🔍 🕤 |
| Standard Extended Y AS Path | Eigi Eigi | tcpMssBytes tcpMssMinimum trpMssMinimum threat_detection_statistics | Add | | an AS 📴 🔍 🖯 |
| Community List | Ins | vpnSysVar | | | raffic. Used text objects in ti 🗈 🛶 🕤 |
| IKEv1 Policy IKEv2 Policy IKEv1 IPsec Proposal | Ins ISI: Variables | vxlan_Port_And_Nve vxlan_Vni wccpPassword | | | 6 traffic. |
| IKEv2 IPsec Proposal Image: State of the second | ISI: | | Save | Cancel | ers. By default configure ipv4 🕞 🔍 🗍 |

• 对此行 FlexConfig对象为 Append 并选择部署到 Everytime:

| imme: connection_permit-vpn scription: | | | | | | | | | |
|--|---|----------------------|----------------------------|-------------------------|------------------------------|--------------------------|--------------|-------|--------|
| scription: | ime: | connection_permit-vp | n | | | | | | |
| Insert Everytime Type: Append SypnSysVar connection permitvpn ariables tame Dimension Default Value Property (Ty Override Description pnSysVar SINGLE sysopt FREEFORM:vpn false | escription: | | | | | | | | |
| Insert Everytime Type: Append SypnSysVar connection permit-vpn ariables iame Dimension Default Value Property (Ty Override Description pnSysVar SINGLE sysopt PREEFORM:vpn false | | | | | | | | | |
| Insert Everytime * Type: Append SypnSysVar connection permit-ypn ariables tame Dimension Default Value Property (Ty Override Description pnSysVar SINGLE sysopt FREEFORM:vpn false | | | | | | | | | |
| SypnSysVar connection permit-vpn ariables Imension Default Value Property (Ty Override Description ignSysVar SINGLE sysopt FREEFORM:vpn false | Insert • | | | | | Deployment: | Everytime \$ | Type: | Append |
| ariables iame Dimension Default Value Property (Ty Override Description ppSysVar SINGLE sysopt FREEFORM:vpn false | VpnSysVa | r connection p | permit-vpn | | | | | | |
| ariables Iame Dimension Default Value Property (Ty Override Description pnSysVar SINGLE sysopt FREEFORM:vpn false | | | | | | | | | |
| ariables Iame Dimension Default Value Property (Ty Override Description pnSysVar SINGLE sysopt FREEFORM:vpn false | | | | | | | | | |
| ariables lame Dimension Default Value Property (Ty Override Description pnSysVar SINGLE sysopt FREEFORM:vpn false | | | | | | | | | |
| ariables Jimension Default Value Property (Ty Override Description pnSysVar SINGLE sysopt FREEFORM:vpn false | | | | | | | | | |
| ariables iame Dimension Default Value Property (Ty Override Description 'pnSysVar SINGLE sysopt FREEFORM:vpn false | | | | | | | | | |
| Ariables Iame Dimension Default Value Property (Ty Override Description ipnSysVar SINGLE sysopt FREEFORM:vpn false | | | | | | | | | |
| Iame Dimension Default Value Property (Ty Override Description pnSysVar SINGLE sysopt FREEFORM:vpn false | | | | | | | | | |
| Dimension Default Value Property (Ty Override Description rpnSysVar SINGLE sysopt FREEFORM:vpn false | | | | | | | | | |
| Iame Dimension Default Value Property (Ty Override Description pnSysVar SINGLE sysopt FREEFORM:vpn false | | | | | | | | | |
| ariables Dimension Default Value Property (Ty Override Description pnSysVar SINGLE sysopt FREEFORM:vpn false | | | | | | | | | |
| JameDimensionDefault ValueProperty (TyOverrideDescriptionpnSysVarSINGLEsysoptFREEFORM:vpnfalse | | | | | | | | | |
| pnSysVar SINGLE sysopt FREEFORM:vpn false | ariables | | | | | | | | |
| | ariables lame | | Dimension | Default Value | Property (Ty | Override | Description | | |
| | <mark>ariables</mark> lame pnSysVar | | Dimension SINGLE | Default Value sysopt | Property (Ty FREEFORM:vpn | Override false | Description | | |
| | ariables łame rpnSysVar | | Dimension SINGLE | Default Value sysopt | Property (Ty FREEFORM:vpn | Override false | Description | | |
| | ariables Iame rpnSysVar | | Dimension SINGLE | Default Value sysopt | Property (Ty FREEFORM:vpn | Override false | Description | | _ |
| | ariables Iame pnSysVar | | Dimension SINGLE | Default Value sysopt | Property (Ty FREEFORM:vpn | Override false | Description | _ | |
| | ariables lame pnSysVar | | Dimension SINGLE | Default Value sysopt | Property (Ty FREEFORM:vpn | Override false | Description | | |

- •转到Devices > FlexConfig 并编辑当前策略或创建新策略 New Policy 按钮。
- 仅添加已创建的 FlexConfig,单击 Save.
- 部署配置以调配sysopt connection permit-vpn命令。

但是,在此之后,您不能使用访问控制策略来检查来自用户的流量。您仍然可以使用VPN过滤器或 可下载ACL来过滤用户流量。

如果您看到来自VPN用户的Snort数据包被丢弃,请联系TAC并参考Cisco Bug ID CSCvg91399。

相关信息

• <u>思科技术支持和下载</u>

关于此翻译

思科采用人工翻译与机器翻译相结合的方式将此文档翻译成不同语言,希望全球的用户都能通过各 自的语言得到支持性的内容。

请注意:即使是最好的机器翻译,其准确度也不及专业翻译人员的水平。

Cisco Systems, Inc. 对于翻译的准确性不承担任何责任,并建议您总是参考英文原始文档(已提供 链接)。