

配置和验证URL过滤

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简介

本文档介绍如何使用Cisco Catalyst Manager GUI在Cisco IOS-XE®路由器上配置和验证URL过滤。

先决条件

在vManage中上传与当前思科IOS-XE代码兼容的UTD软件虚拟映像。有关在cEdge路由器上安装UTD安全虚拟映像的说明，请查看相关信息部分。

云翼路由器必须处于vManaged模式，并且必须预先附加模板。

要求

Cisco 建议您了解以下主题：

- Cisco SD-WAN Overlay将启动初始配置。
- URL过滤配置Cisco Catalyst Manager GUI。

使用的组件

本文档基于以下软件和硬件版本：

- Cisco Catalyst SD-WAN Manager版本20.14.1。

- 思科Catalyst SD-WAN控制器版本20.14.1。
- Cisco Edge路由器17.14.1版。

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。

配置

网络图



配置URL过滤策略的组件

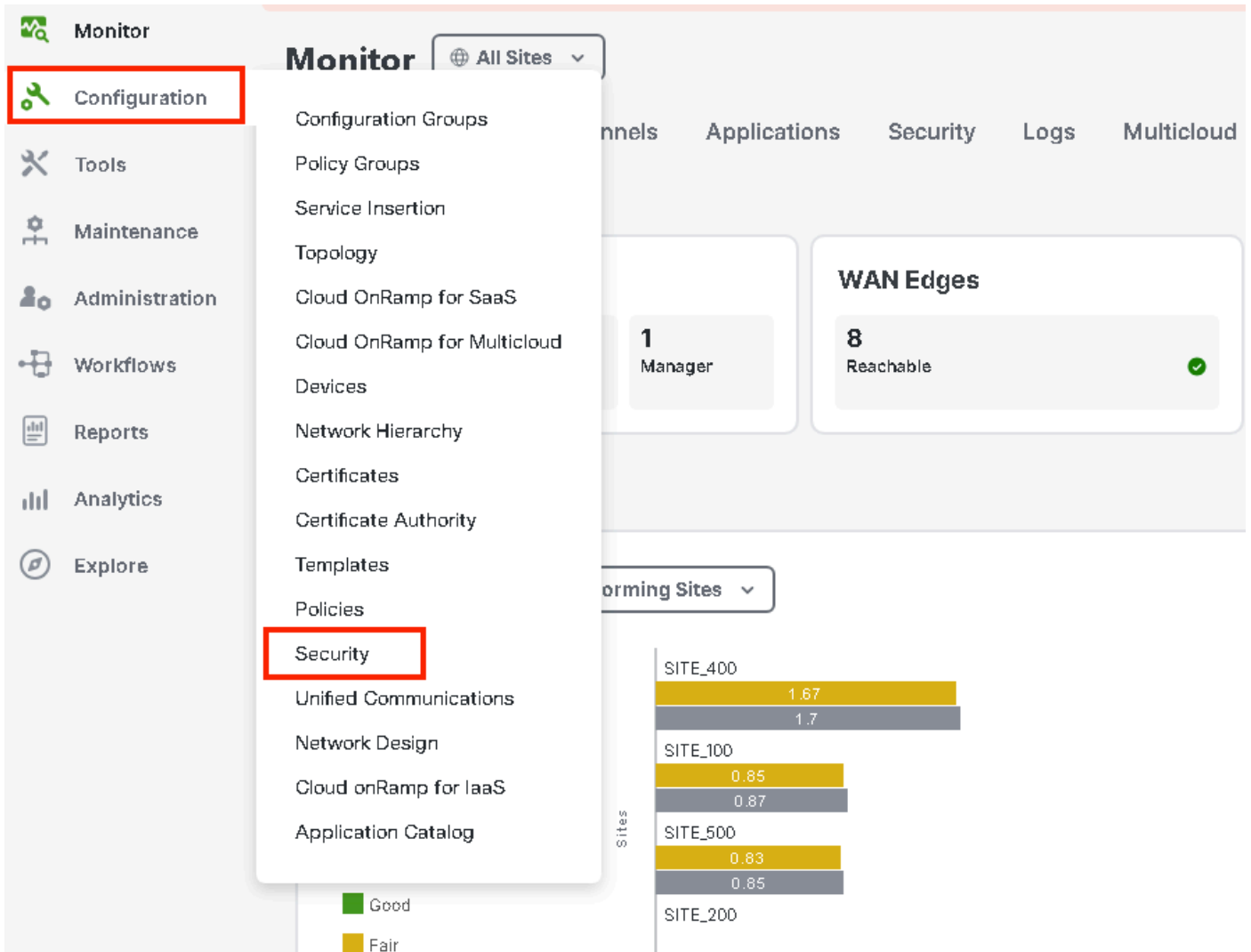
本文解释如何根据类别、信誉或域阻止/允许列表将URL过滤配置为阻止/允许特定客户端HTTPS流量，并提供以下示例要求：

- 阻止来自访客VPN Web类别上的客户端的此HTTPS请求：
 - 游戏
 - 赌博
 - 黑客攻击
 - 非法毒品
- 必须阻止Web信誉小于或等于60的访客VPN上的客户端向网站发出的任何HTTPS URL请求。
- 访客VPN上的客户端向网站发出的HTTP(s)请求阻止了Facebook、Instagram和YouTube，同时允许访问google.com和yahoo.com。

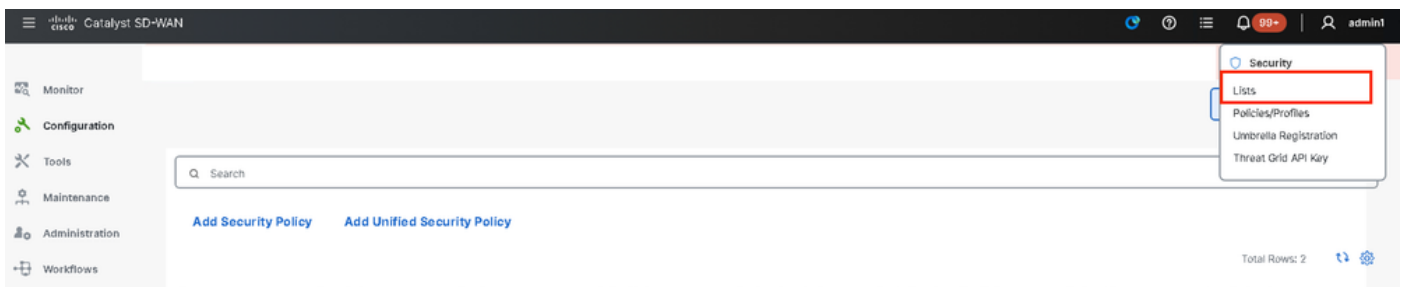
要配置URL过滤：

创建感兴趣的URL列表

1. 在Cisco SD-WAN Manager菜单上，导航到左侧面板中的Configuration > Security选项卡。



要创建或管理Allowlist URL List或Blocklist URL List，请从页面右上方的Custom Options下拉菜单中选择Lists。



在左侧窗格中单击Allow URLs Lists，然后创建New Allow URLs List。

Select a list type on the left and start creating your groups of interest

Application

Data Prefix

Domain

Signatures

Allow URL Lists

Block URL Lists

Zones

Port

Protocol

Rule Set

Geo Location

Object Group

Identity

[New Allow URL List](#)

Name	Entries	Reference Count	Update
No data available			

- 在URL List Name字段中，输入最多包含32个字符（仅包括字母、数字、连字符和下划线）的列表名称。
- 在URL字段中，输入要包括在列表中的URL，以逗号分隔。您还可以使用导入按钮从可访问的存储位置添加列表。
- 完成后，单击Add。

Select a list type on the left and start creating your groups of interest

Application

Data Prefix

Domain

Signatures

Allow URL Lists

Block URL Lists

Zones

Port

Protocol

Rule Set

Geo Location

Object Group

[New Allow URL List](#)

Allow URL List Name*

Guest_Allow

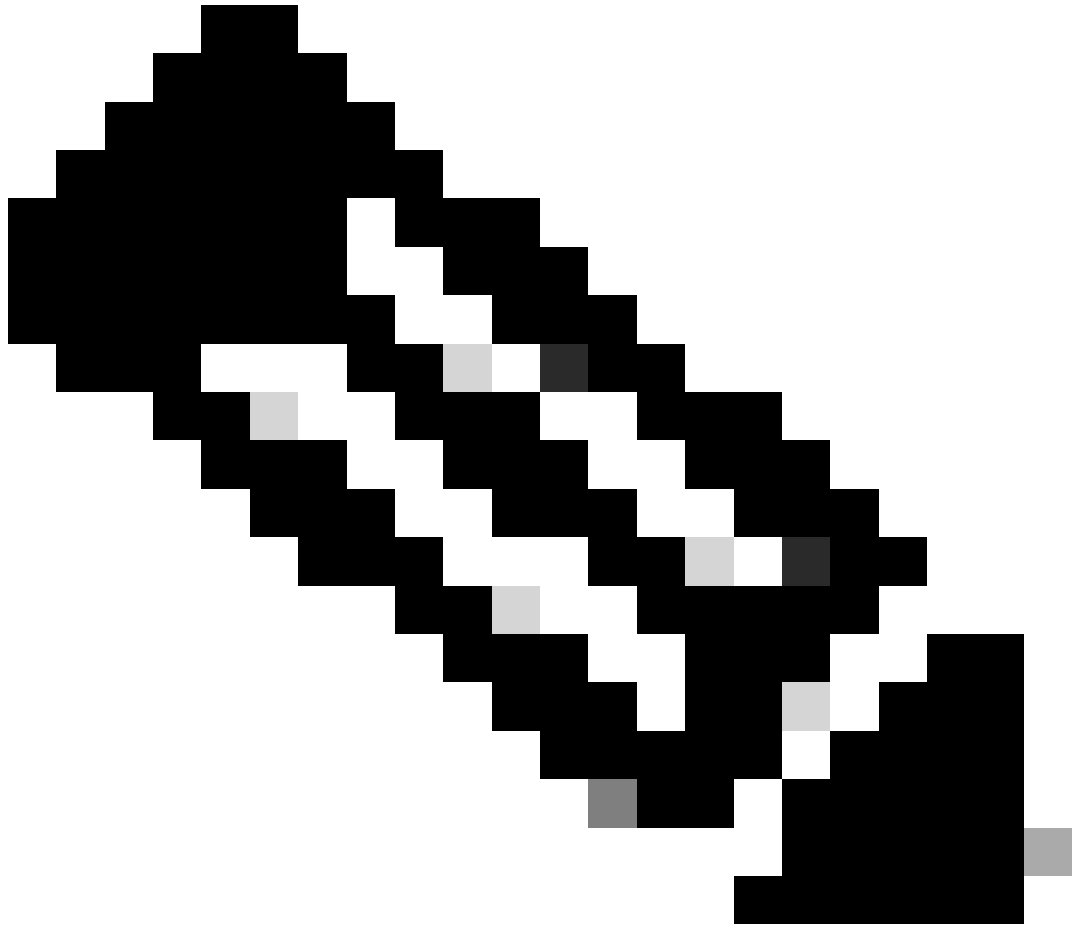
Add Allow URL *

www.google.com, www.yahoo.com

[Import](#)

Add

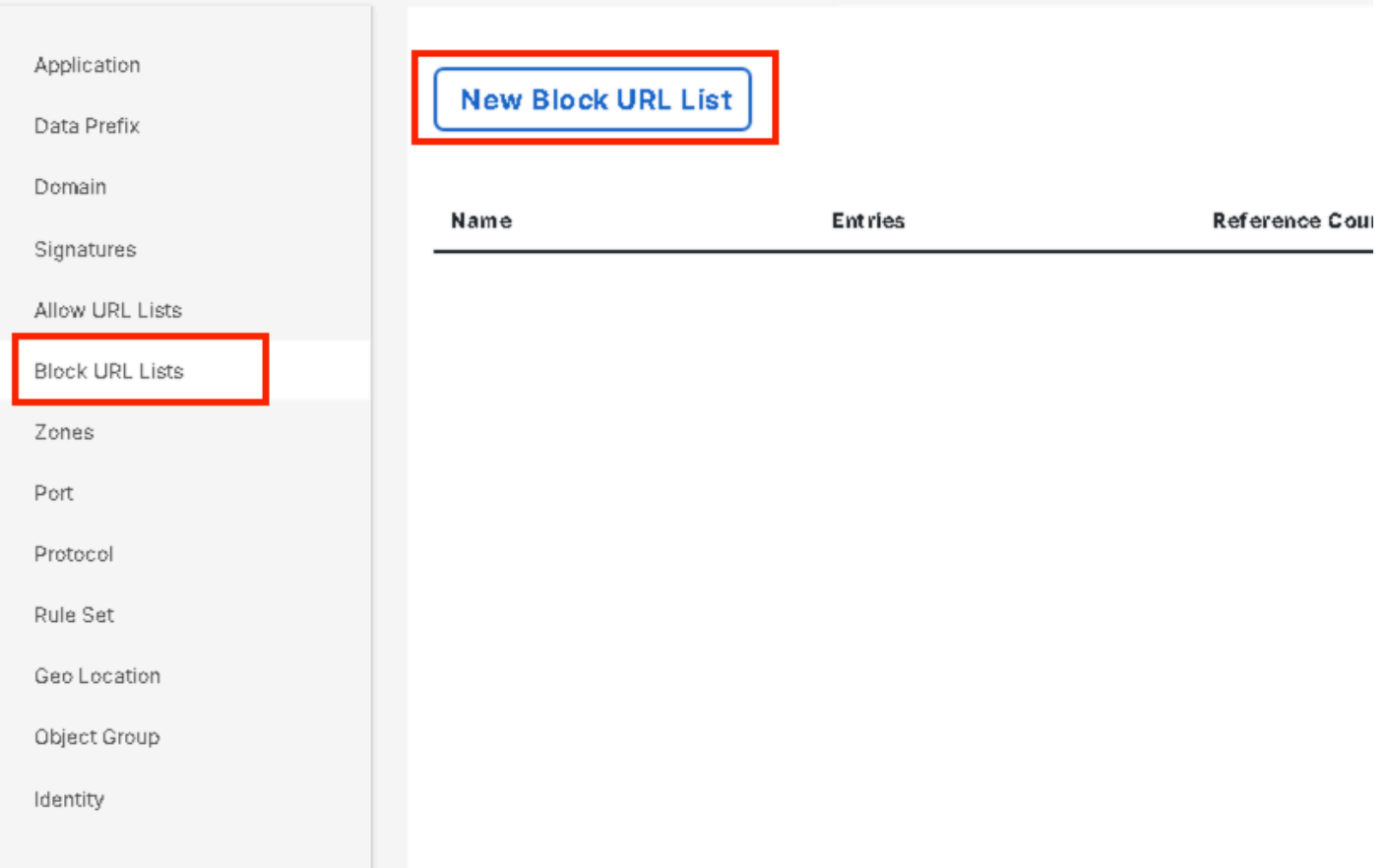
Cancel



注意：可以考虑对允许和阻止列表中的域名使用正则表达式模式

在左侧窗格中单击Block URLs Lists，然后创建New Block URLs List。

Select a list type on the left and start creating your groups of interest



Application

Data Prefix

Domain

Signatures

Allow URL Lists

Block URL Lists

Zones

Port

Protocol

Rule Set

Geo Location

Object Group

Identity

New Block URL List

Name	Entries	Reference Count
------	---------	-----------------

- 在URL List Name字段中，输入最多包含32个字符（仅字母、数字、连字符和下划线）的列表名称
- 在URL字段中，输入要包括在列表中的URL，以逗号分隔。您还可以使用导入按钮从可访问的存储位置添加列表。
- 完成后，单击Add。



New Block URL List

Block URL List Name*

Guest_Block

Add Block URL *

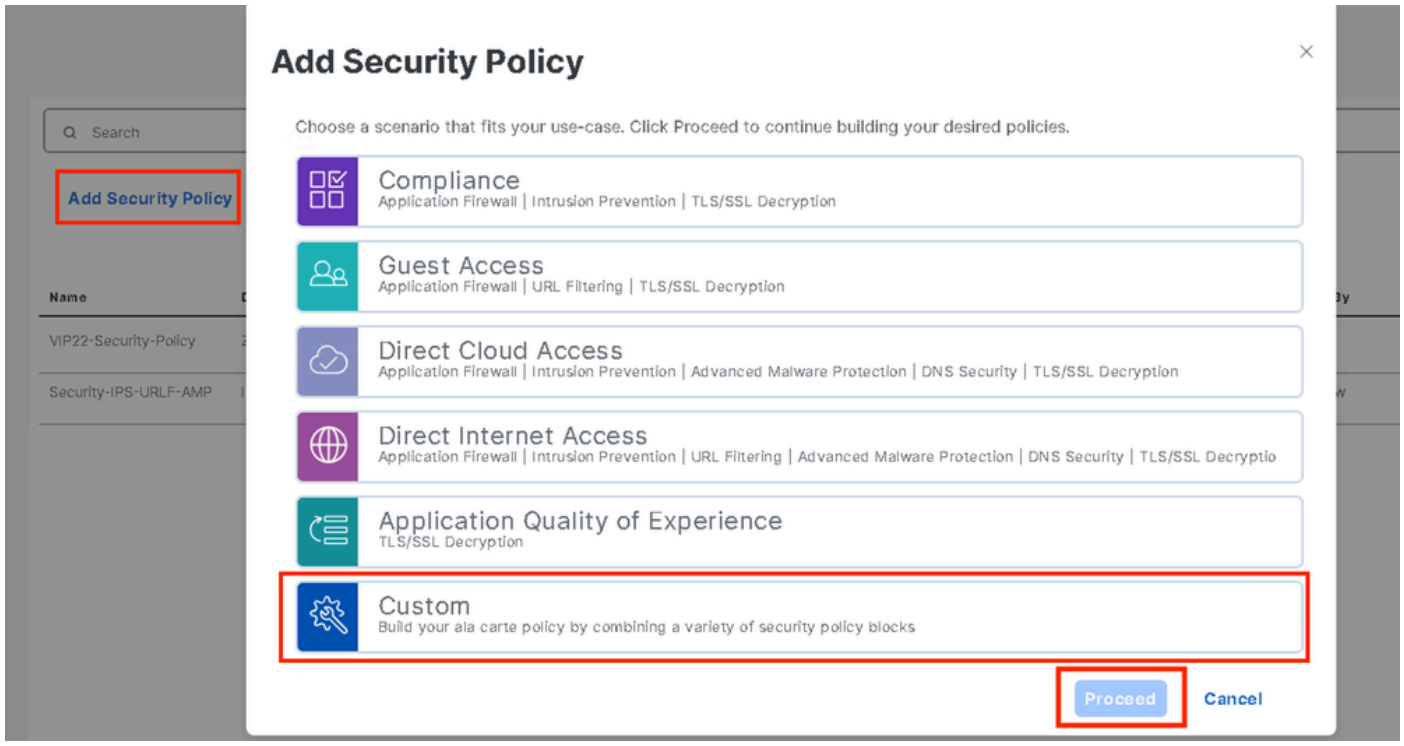
www.youtube.com,www.facebook.com,instagram.com

Import

Add Cancel

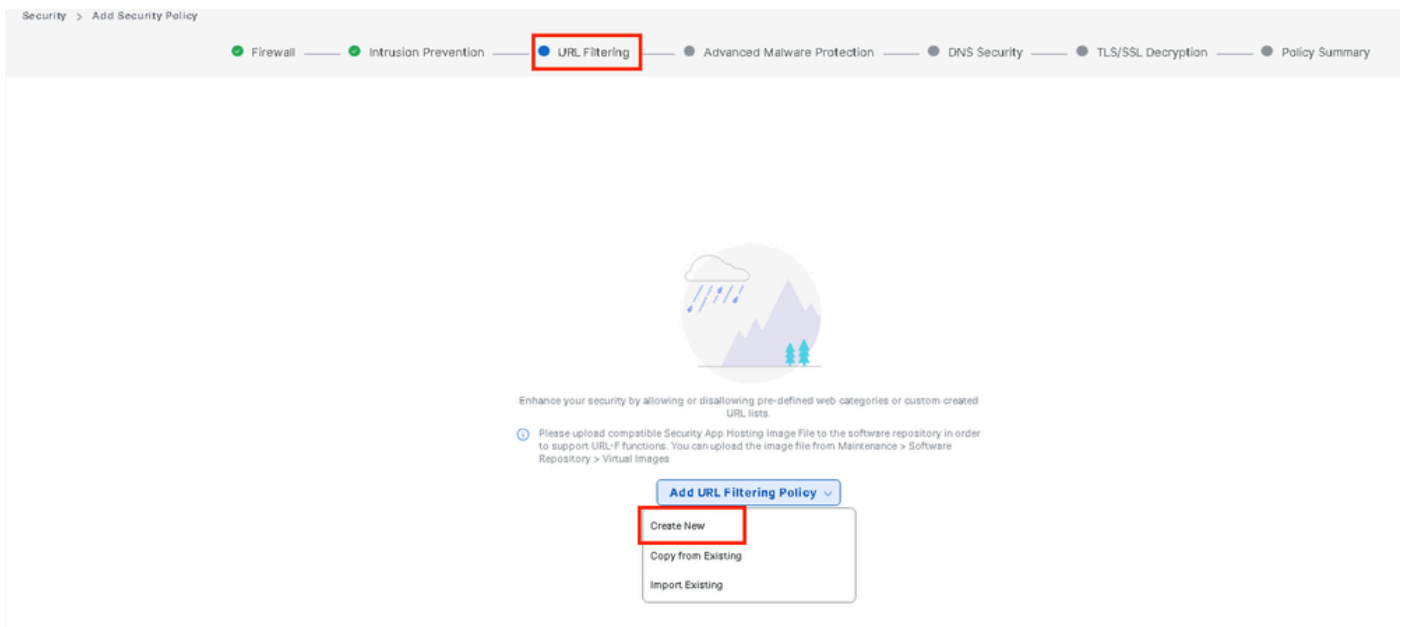
创建安全策略

2. 在Cisco SD-WAN Manager菜单上，导航到配置>安全，然后单击添加新安全策略。系统将打开“添加安全策略”(Add Security Policy)向导，并显示各种使用案例场景或使用列表中的现有策略。选择custom，然后单击Proceed在向导中添加URL过滤策略。

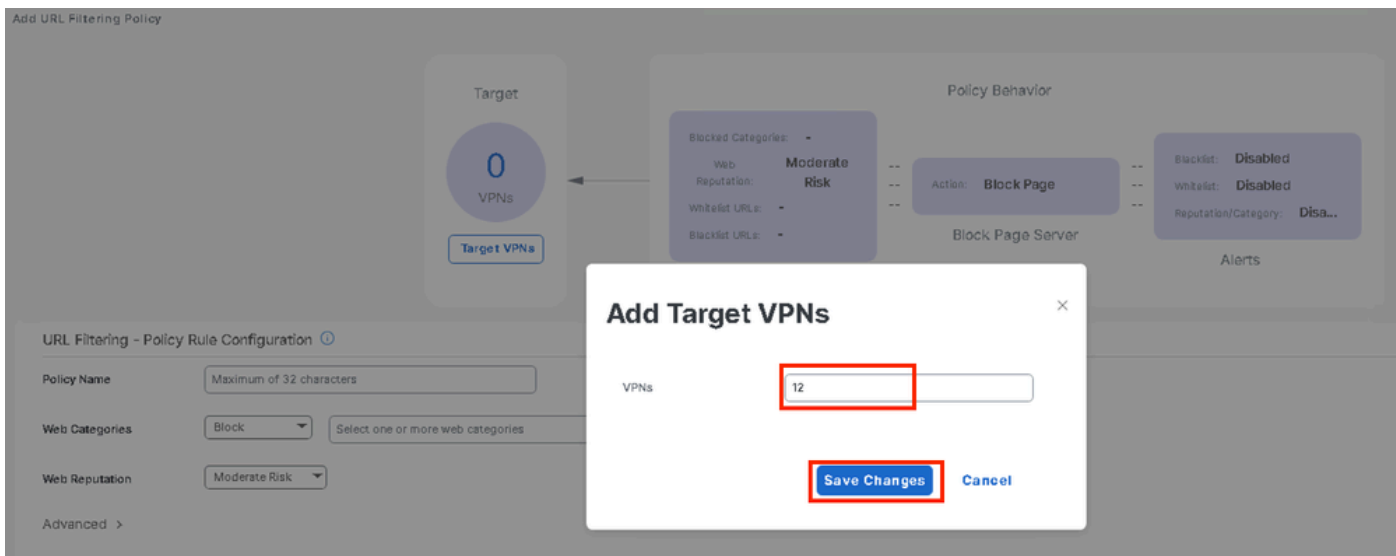


注意：在“添加安全策略”(Add Security Policy)中，选择支持URL过滤的方案（访客访问、直接互联网访问或自定义）。

在添加安全策略向导中，单击Next，直到显示URL Filtering窗口。现在请转到URL Filtering > Add URL Filtering Policy > Create New以创建URL过滤策略。单击“下一步”



单击Target VPNs可在“Add Target VPNs”向导中添加所需的VPN数量。



- 在Policy Name字段中输入策略名称。
- 从Web Categories下拉列表中选择以下选项之一，选择Block，并且会阻止与您选择的类别匹配的网站。

Block -阻止与您选择的类别匹配的网站。

Allow -允许与您选择的类别匹配的网站。

从下拉菜单中选择Web Reputation (Web信誉)，并设置为Moderate Risk (中度风险)。信誉得分等于或低于60的所有URL都将被阻止。

高风险：信誉得分为0到20。

可疑：信誉得分为0到40。

中等风险：信誉得分为0到60。

低风险：信誉得分为0到80。

值得信赖：信誉得分为0到100。



在高级中，根据需要从Allowlist URL List或blocklist URL List下拉菜单中选择现有列表或创建新列表

。

Advanced ▾

Whitelist URL List

Blacklist URL List

Block Page Server

Block Page Content

Default Content Header

Content Body

Guest_Allow

www\,google\.com

www\,yahoo\.com

[New Allow URL List](#)

Blacklist URL List

Block Page Server

Block Page Content

Default Content Header

Content Body

Redirect URL ⓘ

Guest_Block

www\,youtube\.com

www\,facebook\.com

instagram.com

[New Block URL List](#)

如果需要，请更改Block Page Content下的内容正文，并确保已选择所有警报。

单击Save URL filtering策略以添加URL过滤策略。

URL Filtering - Policy Rule Configuration ?

Advanced ▼

Whitelist URL List

Blacklist URL List

Block Page Server

Block Page Content

Default Content Header

Content Body

Redirect URL ?

Alerts and Logs ?

Alerts Blacklist Whitelist Reputation/Category

单击Next，直到显示Policy Summary页。

在相应字段中输入安全策略名称和安全策略说明。

Firewall Intrusion Prevention URL Filtering Advanced Malware Protection DNS Security TLS/SSL Decryption Policy Summary

Provide a name and description for your security master policy and configure additional security settings. Click Save Policy to save the security master policy configuration.

Security Policy Name

Security Policy Description

Additional Policy Settings

Intrusion Prevention and/or URL Filtering and/or Advanced Malware Protection

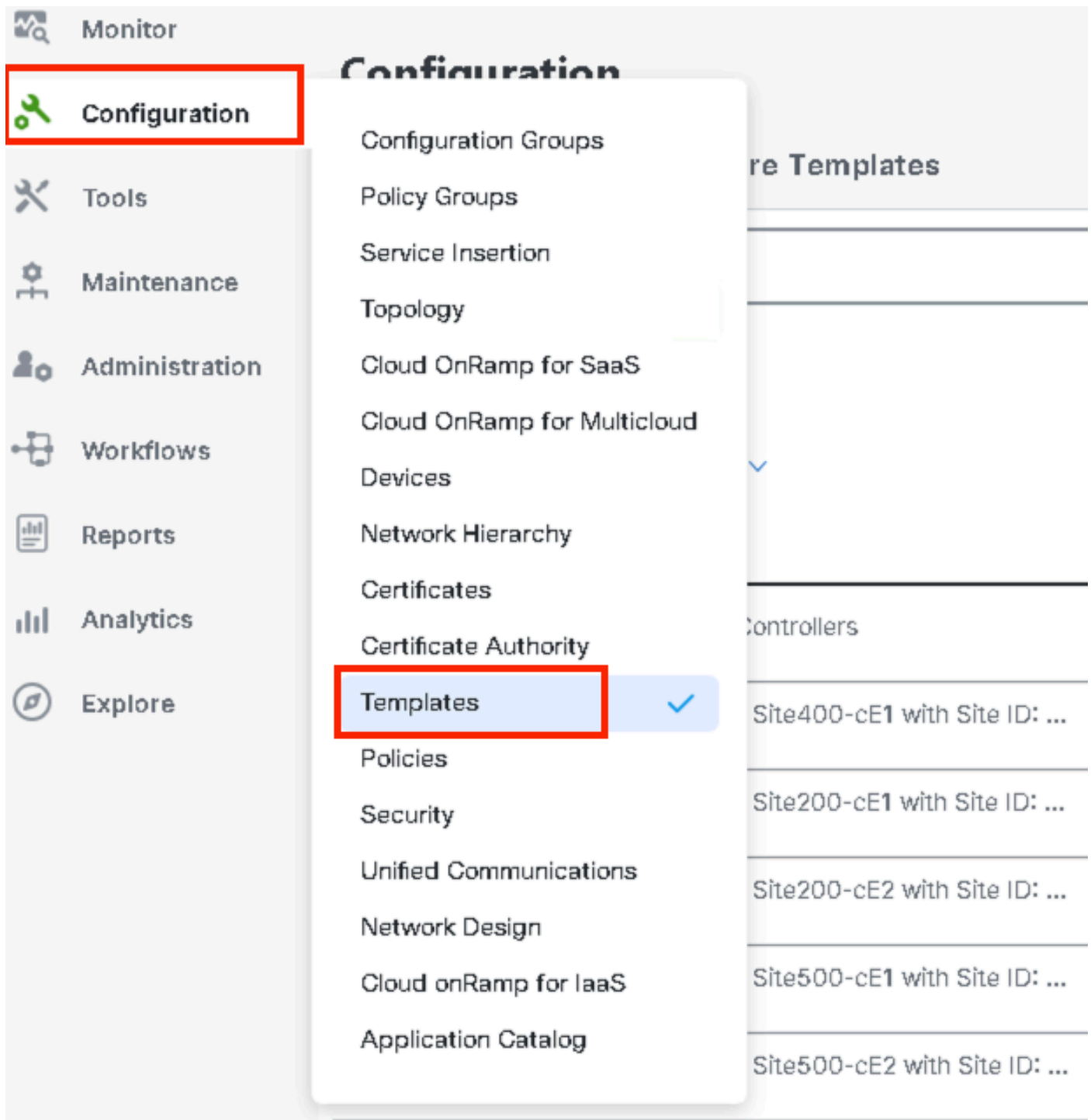
External Syslog Server VPN Server IP

Failure Mode

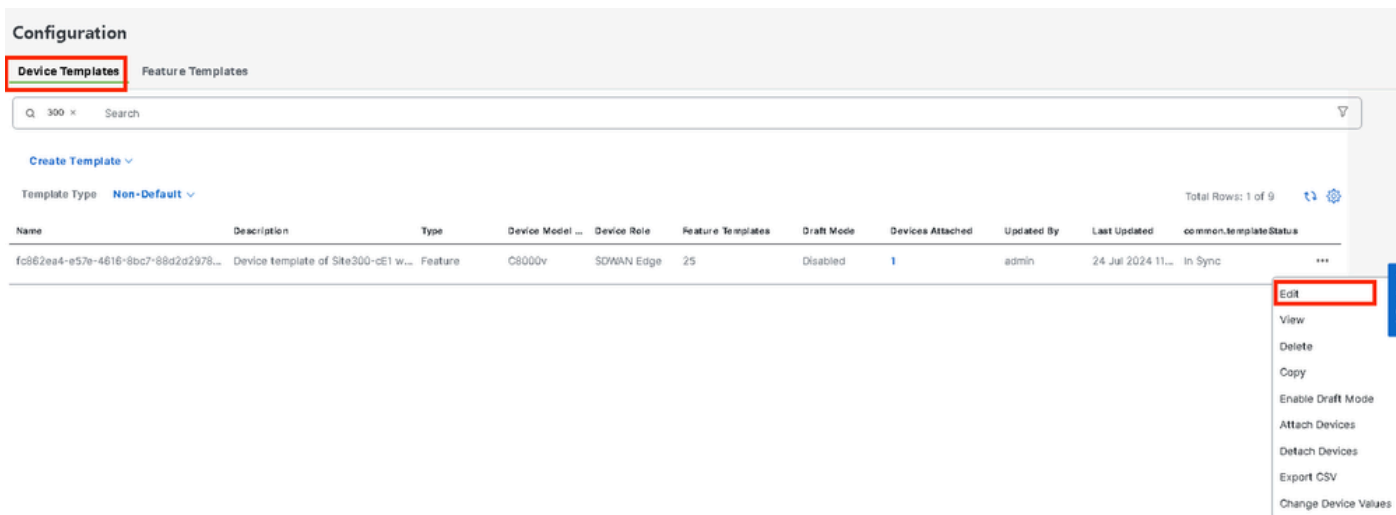
将安全策略应用于设备

要将安全策略应用到设备，请执行以下操作：

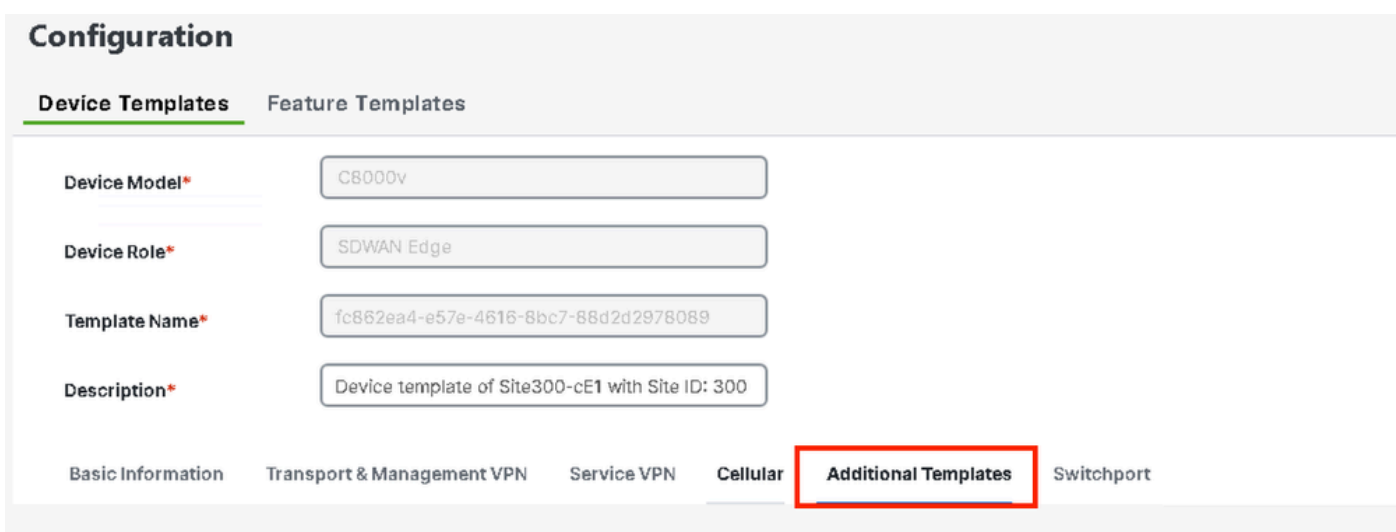
从Cisco SD-WAN Manager菜单中，选择Configuration > Templates。



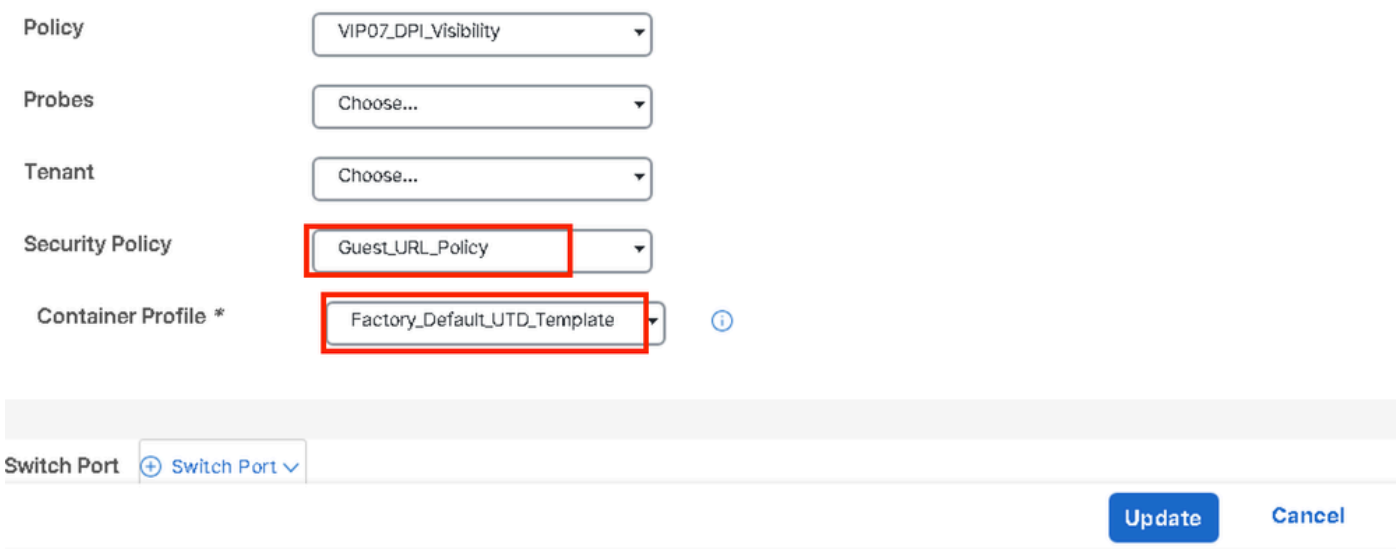
依次点击设备模板和编辑设备模板。



单击Additional Templates。



- 从Security Policy下拉列表中，选择之前在Guest_URL_Policy下配置的策略名称，然后单击Update。



单击设备，确保配置正确，然后单击Config Diff和Side Diff。点击配置设备。

Device Template: fc862ea4-e57e-4616-8... Total: 1

Config Preview | **Config Diff** | Side by Side Diff | Intent

Device list (Total: 1 devices)

Filter/Search

CBK-C19B1FE2-C89F-A311-DEA7-482A878B089A
Site900-cEj11301

Configure Devi...

Local Configuration vs. New Configuration

1	1	system	
2	2	ztp-status	in-progress
3	3	device-model	vedge-C8000V
4	4	gps-location latitude	-23.60911
5	5	gps-location longitude	-46.69768
6	6	system-ip	1.1.30.1
7	7	overlay-id	1
8	8	site-id	300
9	9	no transport-gateway	enable
10	10	port-offset	0
11	11	control-session-pps	300
12	12	admin-tech-on-failure	

```

389 parameter-map type regex Guest_Allow-wl_
390     pattern www.google.com
391     pattern www.yahoo.com
392
393 parameter-map type regex Guest_Block-bl_
394     pattern instagram.com
395     pattern www.facebook.com
396     pattern www.youtube.com
397

```

```

444 web-filter block page profile block-Guest_Access
445     text Access to the requested page has been denied. Please contact your Network
446     Administrator
447     exit
448 web-filter url profile Guest_Access
449     alert blacklist categories-reputation whitelist
450     blacklist
451     parameter-map regex Guest_Block-bl_
452     exit
453     categories block
454     abused-drugs
455     gambling
456     games
457     hacking
458     shopping
459     exit
460     block page-profile block-Guest_Access
461     log level error
462     reputation
463     block-threshold moderate-risk
464     exit
465     whitelist
466     parameter-map regex Guest_Allow-wl_
467     exit
468     exit
469     utd global
470     exit
471     policy utd-policy-vrf-12
472     all-interfaces
473     vrf 12
474     web-filter url profile Guest_Access
475     exit

```

Back | **Configure Devices** | Cancel

vManage已成功使用安全策略配置设备模板，并在边缘设备上安装UTD软件包。

Push Feature Template Configuration | ● Validation success

Total Task: 1 | Success: 1

Device Group (1)

Q Search Table

Status	Message	Chassis Number
● Success	Template successfully att...	C8K-C16B1FE2-C89F-A311-DEA7-46...

View Logs

Host: Site300-cE1(1.1.30.1)
 Site ID: 300
 Device: C8000v
 Model:

[26-Jul-2024 13:55:55 PDT] Configuring device with feature template: fc862ee4-e57e-4616-8bc7-88d2d2978089

[26-Jul-2024 13:55:56 PDT] Checking and creating device in Manager

[26-Jul-2024 13:55:57 PDT] Generating configuration from template

[26-Jul-2024 13:56:06 PDT] Device is online

[26-Jul-2024 13:56:06 PDT] Updating device configuration in Manager

[26-Jul-2024 13:56:06 PDT] Sending configuration to device

[26-Jul-2024 13:56:12 PDT] Successfully notified device to pull configuration

[26-Jul-2024 13:56:14 PDT] Device has pulled the configuration

[26-Jul-2024 13:56:21 PDT] Device: Configured IOX

[26-Jul-2024 13:56:35 PDT] Device: Started IOX

[26-Jul-2024 13:56:58 PDT] Device: Successfully downloaded package for appid utd

[26-Jul-2024 13:57:40 PDT] Device: Successfully installed appid utd

[26-Jul-2024 13:59:07 PDT] Device: Verified appid utd in running state

[26-Jul-2024 13:59:07 PDT] Device: Successfully verified appid: utd

[26-Jul-2024 13:59:08 PDT] Device: Config applied successfully

[26-Jul-2024 13:59:08 PDT] Template successfully attached to device

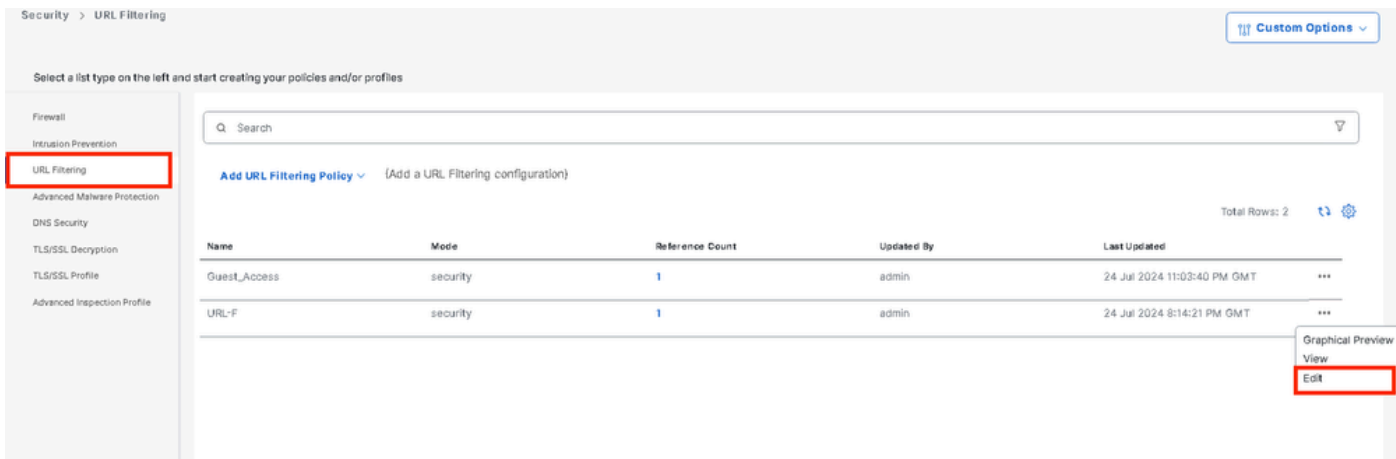
修改URL过滤

要修改URL过滤策略，请执行以下步骤：

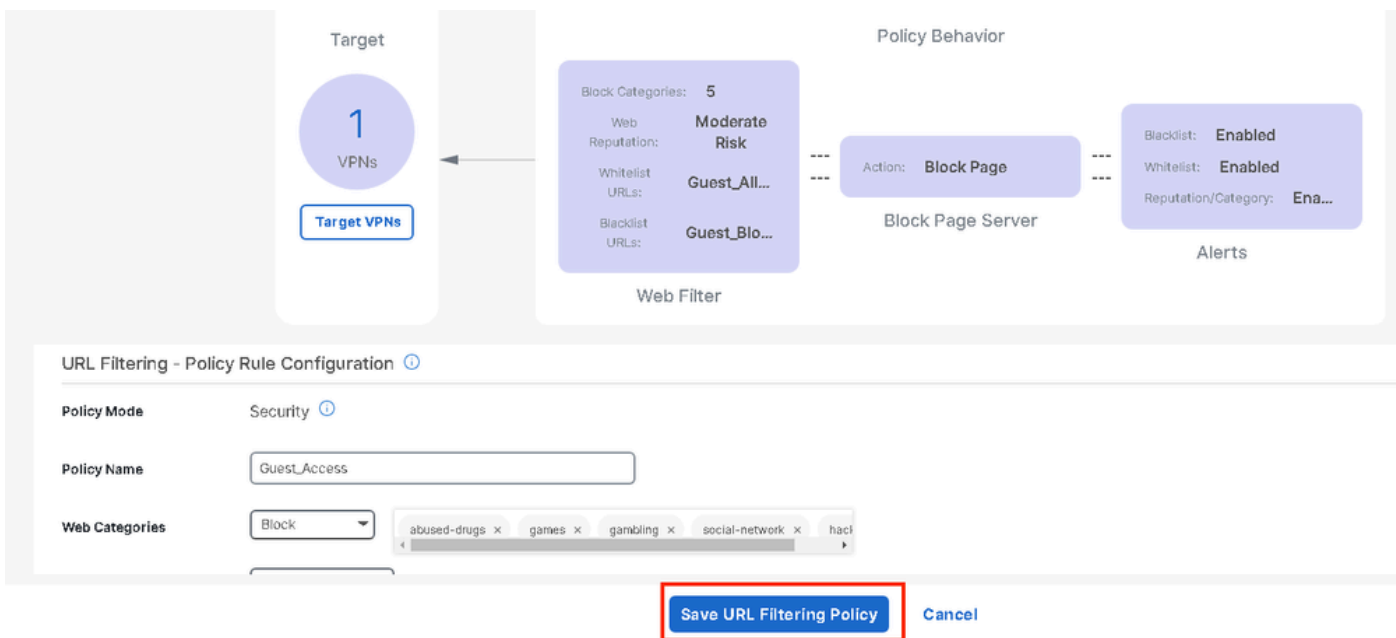
1. 从Cisco SD-WAN Manager菜单中选择Configuration > Security。
2. 在“Security”屏幕中，单击Custom Options下拉菜单（在“Controller/Profiles”窗口中），然后选择Policies/Profiles。

The screenshot shows the 'Security' configuration page in Cisco SD-WAN Manager. On the left, there is a navigation menu with options like Monitor, Configuration, Tools, Maintenance, Administration, Workflows, Reports, and Analytics. The main content area has a search bar and two buttons: 'Add Security Policy' and 'Add Unified Security Policy'. Below these is a table with columns: Name, Description, Use Case, Policy Mode, Devices Attached, DeviceTemplates/ConfigGroups, Updated By, and Last Updated. A dropdown menu is open in the top right corner, showing 'Security' and 'Lists' options, with 'Policies/Profiles' selected and highlighted with a red box. Other options in the dropdown include 'Umbrella Registration' and 'Threat Grid API Key'. The bottom right corner shows 'Total Rows: 3' and a refresh icon.

单击左侧选项卡上的URL Filtering，针对要修改的所需策略，单击3个点(...)，然后选择Edit。



根据需要修改策略，然后单击Save URL Filtering Policy。



删除URL过滤

要删除URL过滤策略，必须首先从安全策略分离策略：

从Cisco SD-WAN Manager菜单中，选择Configuration > Security。

要将URL过滤策略与安全策略分离，请执行以下操作：

- 对于包含URL过滤策略的安全策略，请点击3个点(...)，然后单击Edit。

[Add Security Policy](#) [Add Unified Security Policy](#)

Total Rows: 3

Name	Description	Use Case	Policy Mode	Devices Attached	DeviceTemplates/ConfigGroups	Updated By	Last Updated
VIP22-Security-Policy	ZBFW policy for DIA	Custom	security	0	0	admin	12 Apr 2024 9:32:39 PM
Security-IPS-URLF-AMP	IPS, URL-F, AMP	Custom	security	0	0	admin	24 Jul 2024 8:49:01 PM
Guest_URL_Policy	Guest_URL_Policy	Custom	security	1	1	admin	24 Jul 2024 11:03:25 PM

- View
- Preview
- Edt
- Delete

系统将显示Policy Summary页面。点击URL Filtering选项卡。

对于要删除的策略，请点击3点(...)，然后选择分离(Detach)。

单击Save Policy Changes。

Firewall | Intrusion Prevention | **URL Filtering** | Advanced Malware Protection | DNS Security | TLS/SSL Decryption | Policy Summary

Q Search

Total Rows: 1

Name	Type	Reference Count	Updated By	Last Updated
Guest_Access	urlFiltering	1	admin	24 Jul 2024 11:03:40 PM GMT

- Graphical Preview
- View
- Edit
- Detach

[Preview](#) [Save Policy Changes](#) [Cancel](#)

要删除URL过滤策略，请执行以下操作：

在Security屏幕中，点击Custom Options下拉菜单(Policies/Profiles)，然后选择URL Filtering。

The network is out of compliance due to licensing, please [click here](#) for more actions.

- Monitor
- Configuration
- Tools
- Maintenance
- Administration
- Workflows
- Reports
- Analytics
- Explore

[Add Security Policy](#) [Add Unified Security Policy](#)

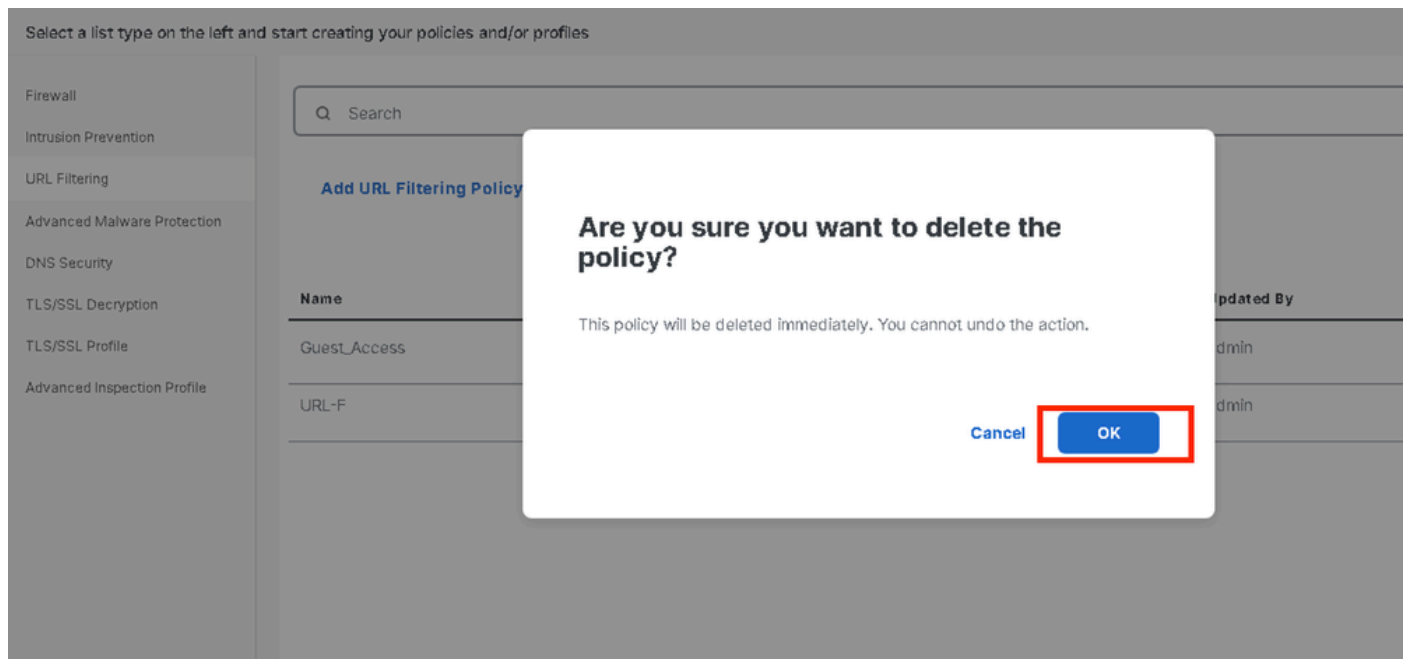
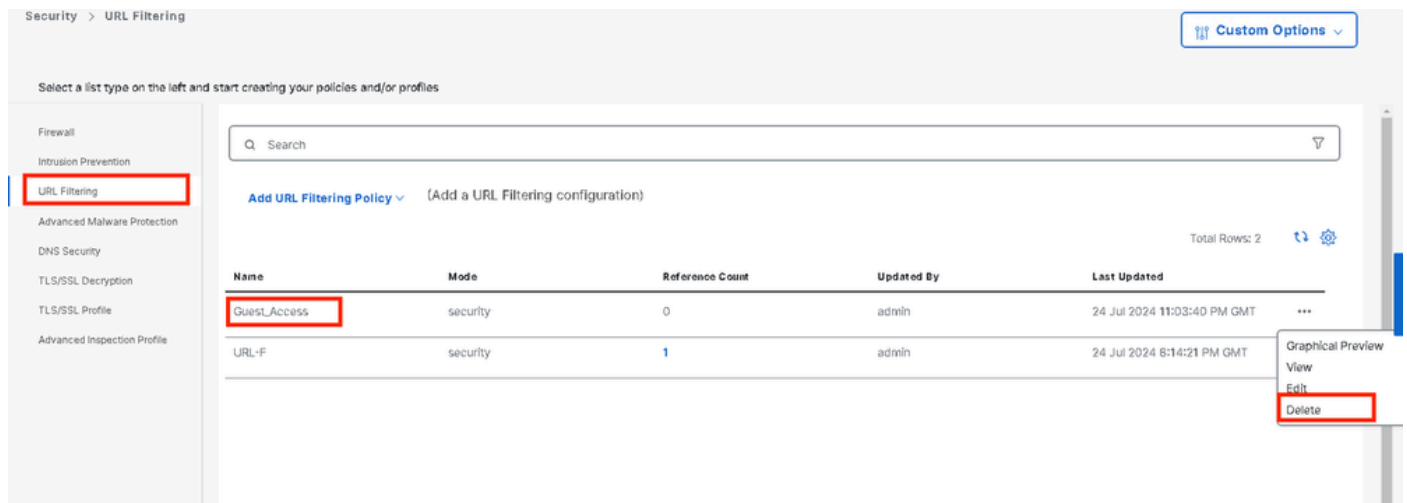
Total Rows: 3

Name	Description	Use Case	Policy Mode	Devices Attached	DeviceTemplates/ConfigGroups	Updated By	Last Updated
VIP22-Security-Policy	ZBFW policy for DIA	Custom	security	0	0	admin	12 Apr 2024 9:32:39
Security-IPS-URLF-A...	IPS, URL-F, AMP	Custom	security	0	0	admin	24 Jul 2024 8:49:01
Guest_URL_Policy	Guest_URL_Policy	Custom	security	1	1	admin	25 Jul 2024 4:23:52

- Security
 - Lists
 - Policies/Profiles**
 - Umbrella Registration
 - Threat Grid API Key

对于要删除的策略，请点击3个点(...)，然后点击删除。

单击OK。



验证

验证是否安装了Cisco UTD版本。

<#root>

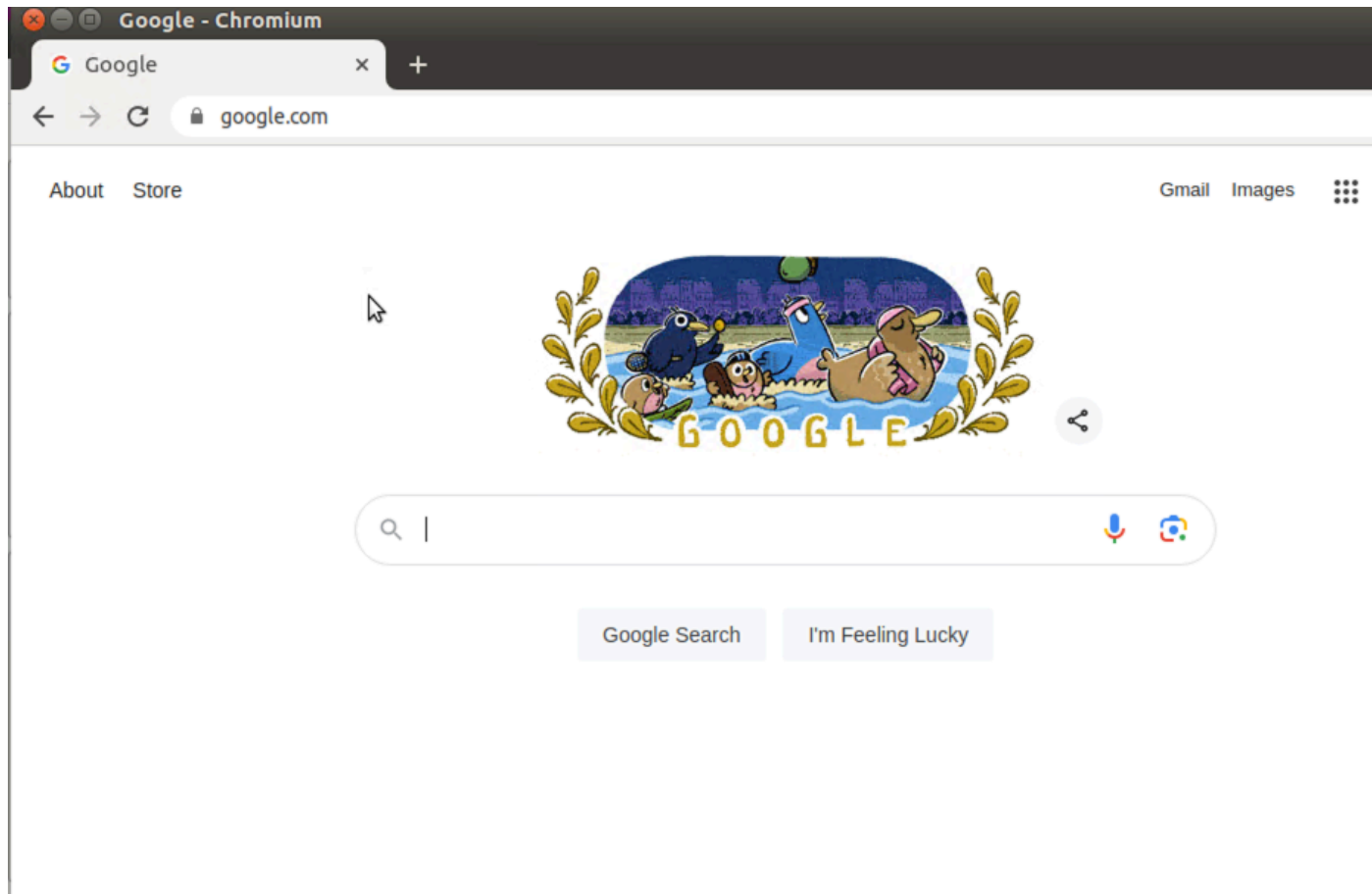
```
Site300-cE1#show utd engine standard version
UTD Virtual-service Name: utd
IOS-XE Recommended UTD Version: 1.0.2_SV3.1.67.0_XE17.14
```

IOS-XE Supported UTD Regex: ^1\.0\.[0-9]+_SV(.*)_XE17.14\$

UTD Installed Version:

1.0.2_SV3.1.67.0_XE17.14

在位于访客VPN上的客户端PC上，如果您尝试打开google.com和yahoo.com，则允许这些访问。



<#root>

Site300-cE1#show utd engine standard logging events | in google

2024/07/24-13:22:38.900508 PDT [**] [Hostname: site300-ce1] [**] [System_IP: x.x.x.x] [**] [Instance_ID

Pass

[**]

UTD WebFilter Allowlist

[**] [

URL: www.google.com

] [VRF: 12] {TCP} 10.32.1.10:55310 -> 142.250.189.196:443

2024/07/24-13:24:03.429964 PDT [**] [Hostname: site300-ce1] [**] [System_IP: x.x.x.x] [**] [Instance_ID

Pass

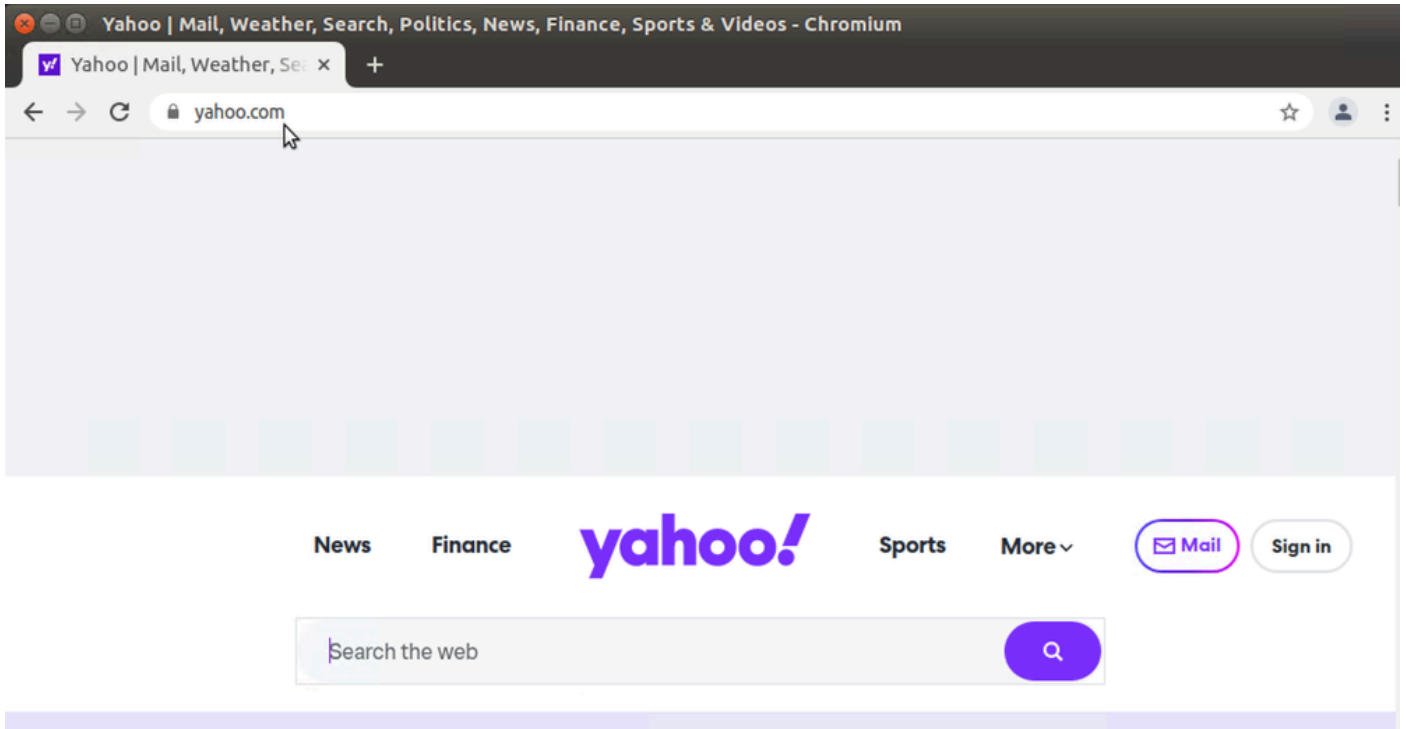
[**]

UTD WebFilter Allowlist

[**] [

URL: www.google.com

] [VRF: 12] {TCP} 10.32.1.10:55350 -> 142.250.189.196:443



<#root>

Site300-cE1#show utd engine standard logging events | in yahoo

2024/07/24-13:20:45.238251 PDT [**] [Hostname: site300-ce1] [**] [System_IP: x.x.x.x] [**] [Instance_ID

Pass [

**]

UTD WebFilter Allowlist

[**] [

URL: www.yahoo.com

] [VRF: 12] {TCP} 10.32.1.10:48714 -> 69.147.88.8:443

2024/07/24-13:20:45.245446 PDT [**] [Hostname: site300-ce1] [**] [System_IP: x.x.x.x] [**] [Instance_ID

Pass

[**]

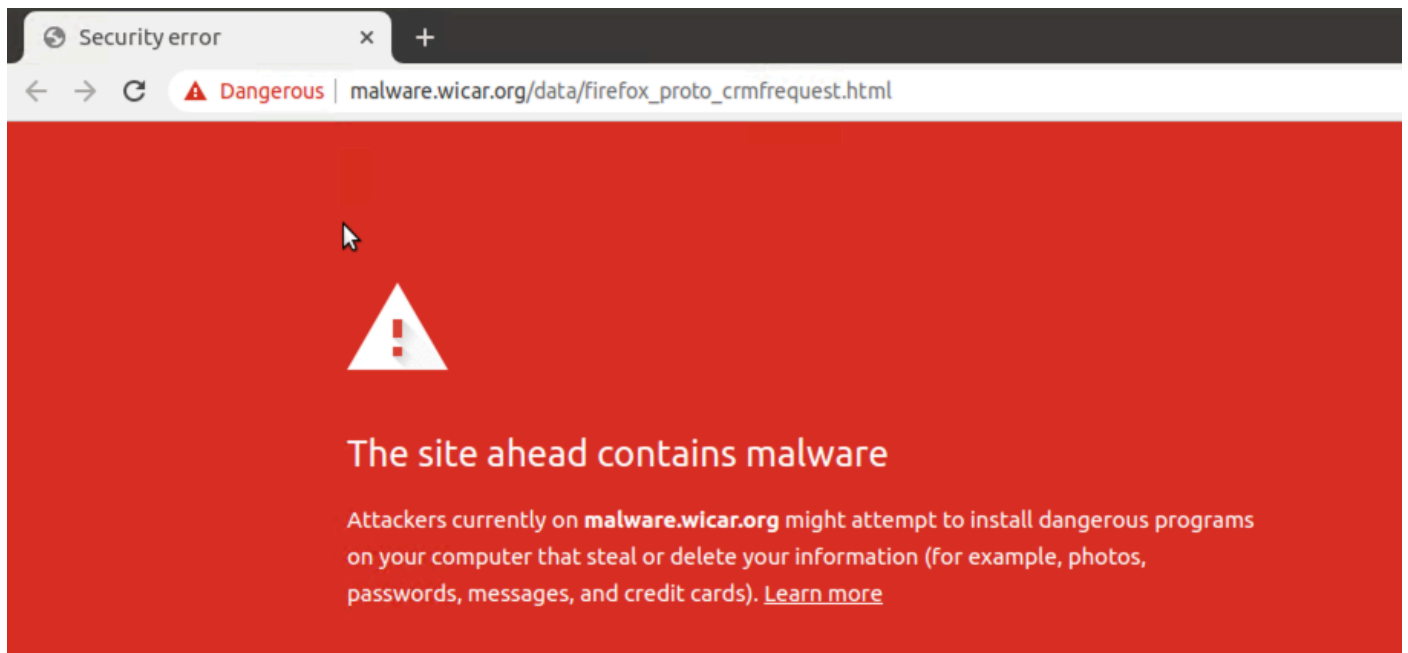
UTD WebFilter Allowlist

[**] [

URL: www.yahoo.com

] [VRF: 12] {TCP} 10.32.1.10:48716 -> 69.147.88.8:443

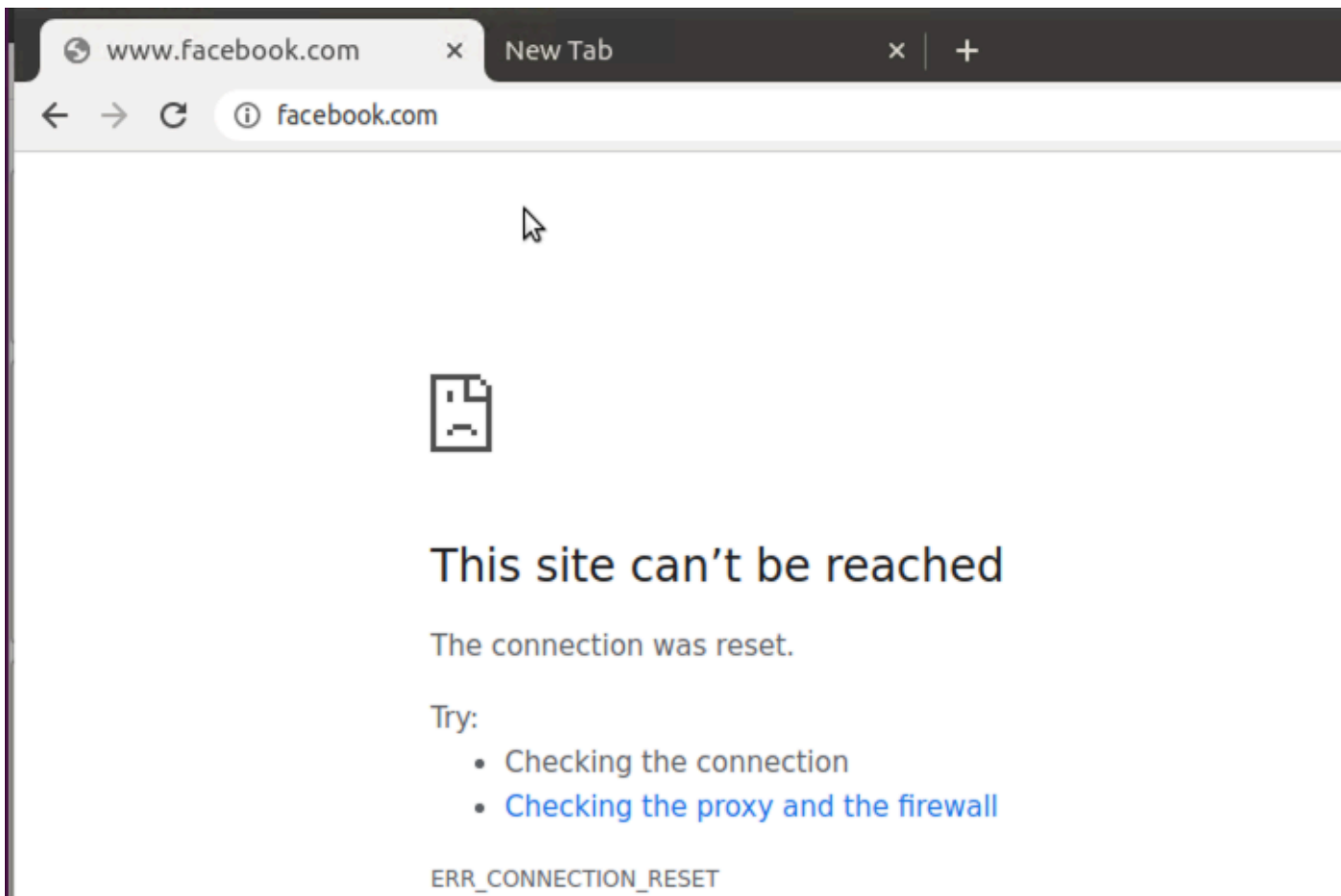
在位于访客VPN上的客户端PC上，如果您尝试打开信誉得分较低的网页或来自其中一个被阻止的网络类别，URL过滤引擎将拒绝HTTPs请求。



<#root>

```
Site300-cE1#show utd engine standard logging events | in ma
2024/07/24-13:32:18.475318 PDT [**] [Hostname: site300-ce1] [**] [System_IP: x.x.x.x] [**] [Instance_ID
Drop
[**]
UTD WebFilter Category/Reputation
[**] [
URL: malware.wicar.org/data/firefox_proto_crmfrequest.html
] ** [Category: Malware Sites] ** [Reputation: 10] [VRF: 12] {TCP} 10.32.1.10:40154 -> 208.94.116.246:8
```

如果您尝试打开facebook、instagram和youtube，从位于访客VPN上的客户端PC上会阻止访问。



<#root>

Site300-cE1#show utd engine standard logging events | in face

2024/07/24-13:05:25.622746 PDT [**] [Hostname: site300-ce1] [**] [System_IP: x.x.x.x] [**] [Instance_ID

Drop

[**]

UTD WebFilter blacklist

[**] [

URL: www.facebook.com

] [VRF: 12] {TCP} 10.32.1.10:55872 -> 157.240.22.35:443

2024/07/24-13:05:25.638612 PDT [**] [Hostname: site300-ce1] [**] [System_IP: x.x.x.x] [**] [Instance_ID

Drop

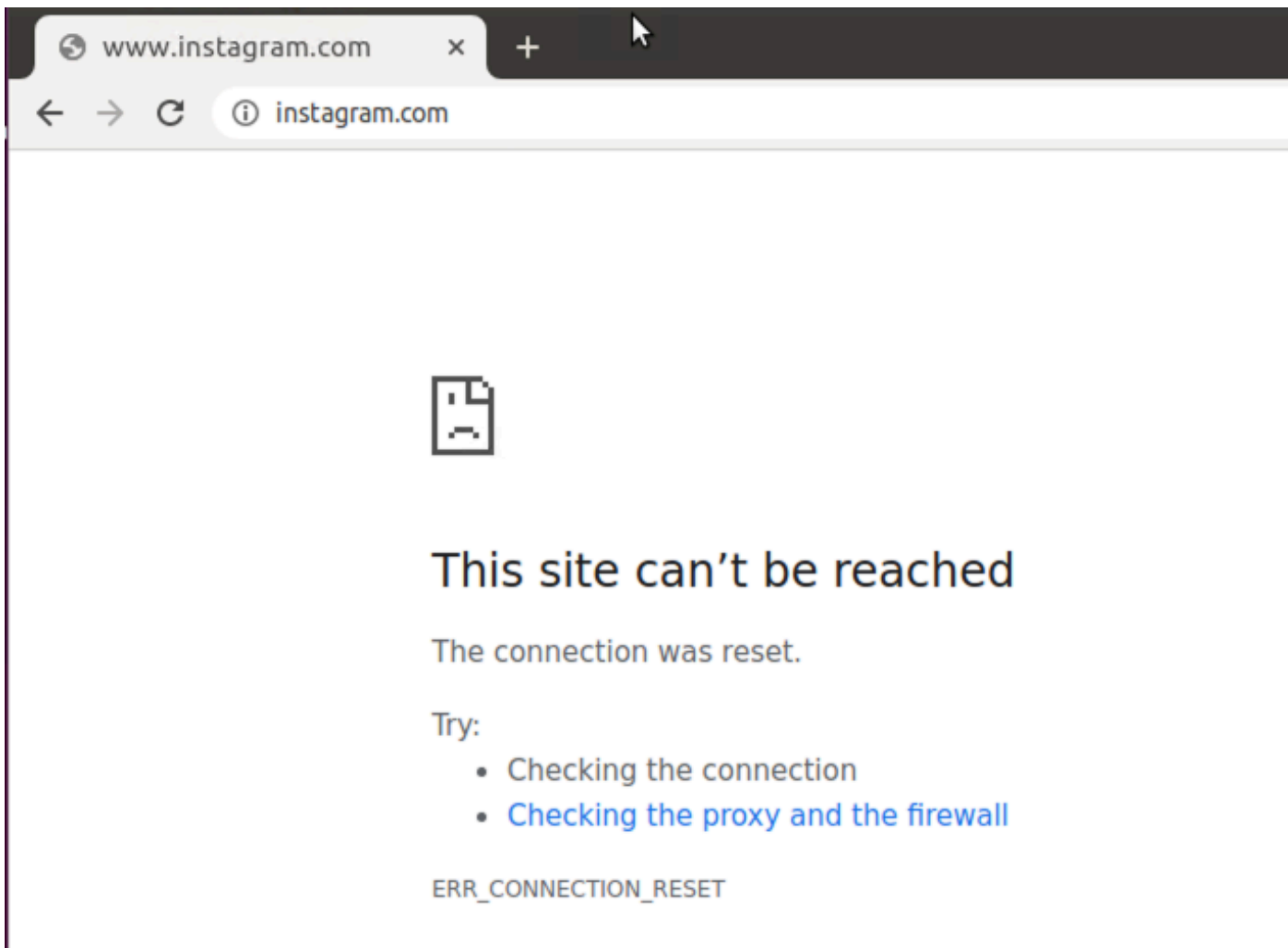
[**]

UTD WebFilter blacklist

[**] [

URL: www.facebook.com

] [VRF: 12] {TCP} 10.32.1.10:55876 -> 157.240.22.35:443



<#root>

```
Site300-cE1#show utd engine standard logging events | in insta
2024/07/24-13:09:07.027559 PDT [**] [Hostname: site300-ce1] [**] [System_IP: x.x.x.x] [**] [Instance_ID
```

Drop

[**]

UTD WebFilter blacklist

[**] [

URL: www.instagram.com

```
] [VRF: 12] {TCP} 10.32.1.10:58496 -> 157.240.22.174:443
2024/07/24-13:09:07.030067 PDT [**] [Hostname: site300-ce1] [**] [System_IP: x.x.x.x] [**] [Instance_ID
```

Drop

[**]

UTD WebFilter blacklist

[**] [

URL: www.instagram.com

```
] [VRF: 12] {TCP} 10.32.1.10:58498 -> 157.240.22.174:443
2024/07/24-13:09:07.037384 PDT [**] [Hostname: site300-ce1] [**] [System_IP: x.x.x.x] [**] [Instance_ID
```

Drop

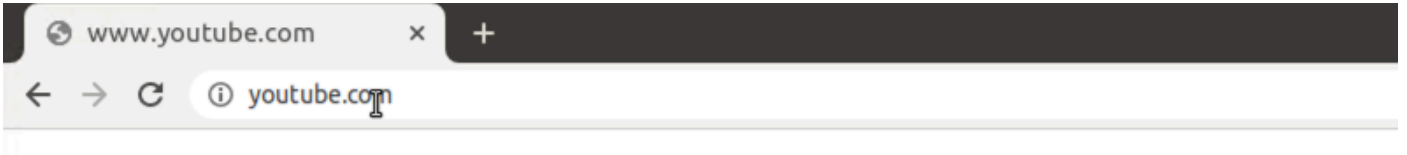
[**]

UTD WebFilter blocklist

[**] [

URL: www.instagram.com

] [VRF: 12] {TCP} 10.32.1.10:58500 -> 157.240.22.174:443



This site can't be reached

The connection was reset.

Try:

- Checking the connection
- [Checking the proxy and the firewall](#)

ERR_CONNECTION_RESET

<#root>

Site300-cE1#show utd engine standard logging events | in youtube

2024/07/24-13:10:01.712501 PDT [**] [Hostname: site300-ce1] [**] [System_IP: x.x.x.x] [**] [Instance_ID

Drop

[**]

UTD WebFilter blocklist

[**] [

URL: www.youtube.com

] [VRF: 12] {TCP} 10.32.1.10:54292 -> 142.250.72.206:443

2024/07/24-13:10:01.790521 PDT [**] [Hostname: site300-ce1] [**] [System_IP: x.x.x.x] [**] [Instance_ID

Drop

[**]

UTD WebFilter blocklist

[**] [

URL: www.youtube.com

] [VRF: 10] {TCP} 10.30.1.10:37988 -> 142.250.72.206:443

2024/07/24-13:11:11.400417 PDT [**] [Hostname: site300-ce1] [**] [System_IP: x.x.x.x] [**] [Instance_ID

Drop

[**]

UTD WebFilter blocklist

[**] [

URL: www.youtube.com

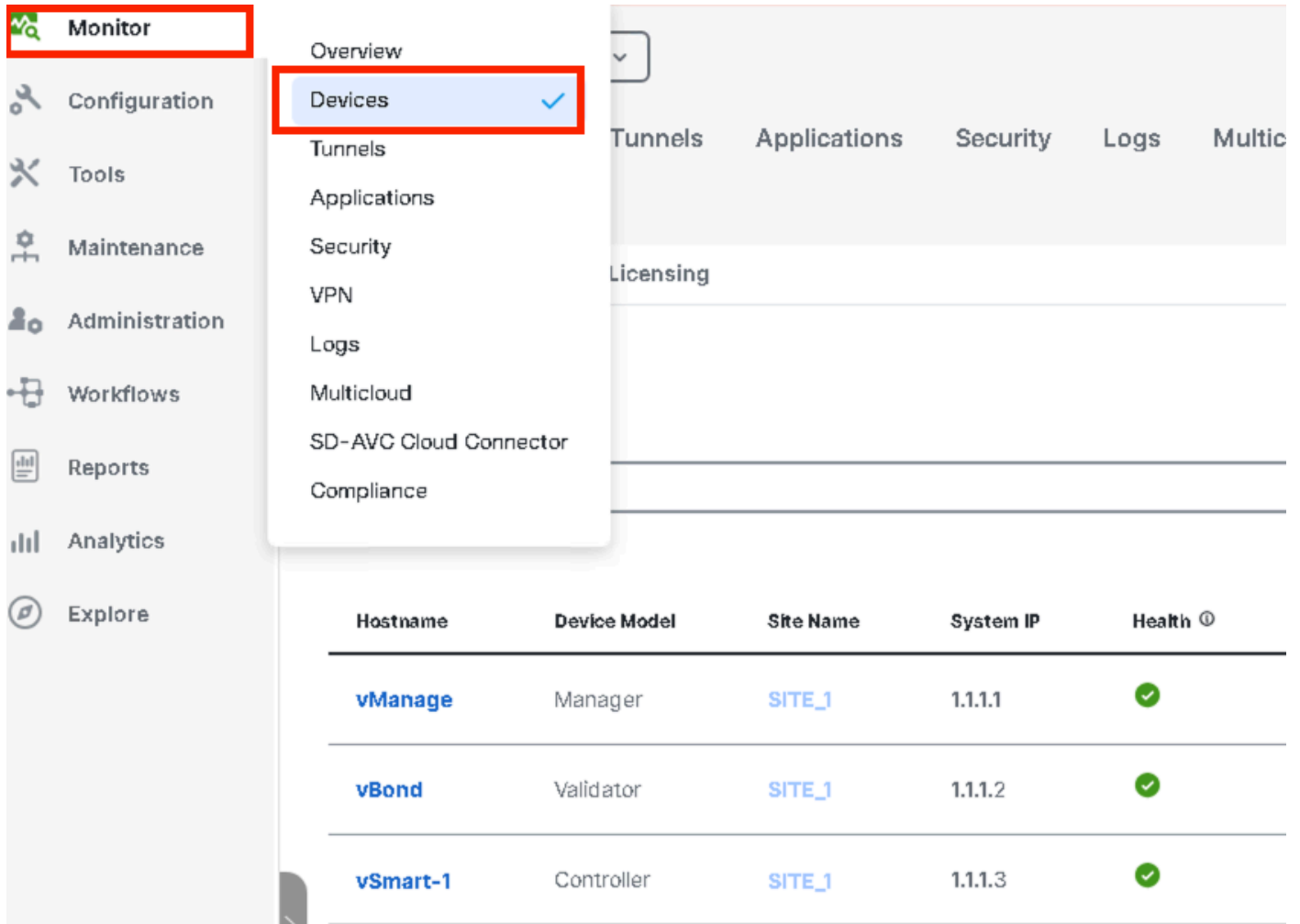
] [VRF: 12] {TCP} 10.32.1.10:54352 -> 142.250.72.206:443

从vManage GUI监控URL过滤

您可以使用这些步骤，按网络类别实时或历史地监控每个设备的URL过滤。

要在Cisco IOS XE Catalyst SD-WAN设备上监控阻止或允许的URL，请执行以下操作：

1. 在Cisco SD-WAN Manager菜单中，选择Monitor > Devices > Select Device



2. 在左侧窗格中的“安全监控”下，单击“URL过滤”。URL过滤信息将显示在右窗格中。

- 单击Blocked。系统将显示受阻URL上的会话计数。
- 单击Allowed。系统将显示允许的URL上的会话计数。

注意：UTD安装的版本不能处于不支持的状态。

检查UTD是否处于onrunning状态。

```
Site300-cE1#show app-hosting list
App id                               State
-----
utd                                   RUNNING
```

验证UTD运行状况处于绿色。

<#root>

```
Site300-cE1#show utd engine standard status
Engine version      : 1.0.2_SV3.1.67.0_XE17.14
Profile             : Cloud-Low
```

System memory :
Usage : 11.70 %
Status : Green
Number of engines : 1

Engine	Running	Health	Reason
=====			
Engine(#1):			
Yes	Green	None	

=====

Overall system status: Green
Signature update status:
=====

Current signature package version: 29.0.c
Last update status: None
Last successful update time: None
Last failed update time: None
Last failed update reason: None
Next update scheduled at: None
Current status: Idle

验证是否已启用URL过滤功能。

<#root>

Site300-cE1#show platform hardware qfp active feature utd config
Global configuration

NAT64: disabled
Drop pkts: disabled
Multi-tenancy: enabled
Data plane initialized: yes
TLS Decryption Policy: disabled
Divert controller mode: enabled
Unified Policy mode: disabled
SN threads: 12

CFT inst_id 0 feat id 4 fo id 4 chunk id 19

Max flows: 165000
SN Health: channel: Threat Defense : Green
SN Health: channel: Service : Down

Flow-logging Information:

State : disabled

Context Id: 3, Name: 3 : 12

Ctx Flags: (0xc50001)
Engine: Standard
State : Enabled
SN Redirect Mode : Fail-open, Divert
Threat-inspection: Not Enabled

Domain Filtering : Not Enabled

URL Filtering : Enabled

File Inspection : Not Enabled

All Interfaces : Enabled

要显示URL过滤日志，请运行show utd engine standard logging events url-filtering命令。

```
Site300-cE1#show utd engine standard logging events url-filtering
```

```
2024/07/24-20:36:58.833237 PDT [**] [Hostname: site300-ce1] [**] [System_IP: x.x.x.x] [**] [Instance_ID  
2024/07/24-20:37:59.000400 PDT [**] [Hostname: site300-ce1] [**] [System_IP: x.x.x.x] [**] [Instance_ID  
2024/07/24-20:37:59.030787 PDT [**] [Hostname: site300-ce1] [**] [System_IP: x.x.x.x] [**] [Instance_ID  
2024/07/24-20:38:59.311304 PDT [**] [Hostname: site300-ce1] [**] [System_IP: x.x.x.x] [**] [Instance_ID  
2024/07/24-20:38:59.343273 PDT [**] [Hostname: site300-ce1] [**] [System_IP: x.x.x.x] [**] [Instance_ID
```

注意：运行clear utd engine standard logging events命令以清除旧事件。

检查进入UTD容器的入口/出口数据包，查询延迟。

```
Site300-cE1#show utd engine standard statistics url-filtering vrf name 12 internal
```

UTM Preprocessor URLF Statistics

```
-----  
URL Filter Requests Sent:                50  
URL Filter Response Received:            50  
blocklist Hit Count:                     27  
Allowlist Hit Count:                     0  
Reputation Lookup Count:                 50  
Reputation Action Block:                 0  
Reputation Action Pass:                  50  
Reputation Action Default Pass:          0  
Reputation Action Default Block:         0  
Reputation Score None:                   0  
Reputation Score Out of Range:           0  
Category Lookup Count:                   50
```

Category Action Block:	15
Category Action Pass:	35
Category Action Default Pass:	0
Category Action Default Block:	0
Category None:	0
Category Out of Range:	0

UTM Preprocessor URLF Internal Statistics

```
-----
```

Total Packets Received:	1335
SSL Packet Count:	56
HTTP Header Count:	22
Action Drop Flow:	69
Action Reset Session:	0
Action Block:	42
Action Pass:	503
Action Offload Session:	0
Invalid Action:	0
No UTM Tenant Persona:	0
No UTM Tenant Config:	0
URL Lookup Response Late:	150
URL Lookup Response Very Late:	21
URL Lookup Response Extremely Late:	0
URL Lookup Response Status Invalid:	0
Response Does Not Match Session:	0
No Response When Freeing Session:	0
First Packet Not From Initiator:	0
No HTTP Header:	0
Invalid Action:	0
Send Error Fail Open Count:	0
Send Error Fail Close Count:	0
Lookup Error Fail Open Count:	0
Lookup Error Fail Close Count:	0
Lookup Timeout Fail Open Count:	0
Lookup Timeout Fail Close Count:	0

相关信息

- [Cisco Catalyst SD-WAN安全配置指南](#)
- [在cEdge路由器上安装UTD安全虚拟映像](#)
- [通过UTD和URL过滤排除数据路径处理故障](#)

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