在使用Rest API的FDM上配置基于时间的访问控 制规则

目录			
<u>简介</u>			
<u>先决条件</u>			
<u>要求</u>			
使用的约	<u>且件</u>		
<u>背景信息</u>			
<u>配置</u>			
<u>验证</u>			

简介

本文档介绍如何在FDM使用Rest API管理的FTD上配置和验证基于时间的访问控制规则。

先决条件

要求

Cisco 建议您了解以下主题:

- 安全防火墙威胁防御(FTD)
- Firepower设备管理(FDM)
- 具象状态传输应用编程接口(REST API)知识
- 访问控制列表(ACL)

使用的组件

本文档中的信息基于FTD 7.1.0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。

背景信息

FTD API版本6.6.0及更高版本支持基于时间限制的访问控制规则。

使用FTD API,您可以创建时间范围对象,指定一次性或循环时间范围,并将这些对象应用于访问 控制规则。使用时间范围,您可以将访问控制规则应用于一天中的特定时间或特定时间段的流量

,以便灵活使用网络。不能使用FDM创建或应用时间范围,如果访问控制规则应用了时间范围

,FDM也不会显示您。

步骤1:单击高级选项("kebab"菜单)以打开FDM API资源管理器。

Firepower Device M	anager	Monitoring	Policies	Objects	Device: firepower				?	Adm Explorer	ninistrator
🛷 Secur	ity Policies	3							PWAPI		
$\square \rightarrow$	SSL Decryp	ation \rightarrow \bigcirc I	dentity \rightarrow C) Security Intelli	igence $ ightarrow$ 🕗 NAT	T $ ightarrow$ Access	Control \rightarrow	Intrusion			
						Ŧ	Filter			¢ [*]	().
		SOURCE			DESTINATION						
# NAME	ACTION	ZONES	NETWORKS	PORTS	ZONES	NETWORKS	PORTS	APPLICATIONS	URLS	USERS	ACTIONS
					There are no ad	ccess rules yet.					
					Start by creating th	he first access rule.					
					CREATE AC	CESS RULE					
Default Action	Access Co	natrol 🔴 Black									

图 1.FDM Web用户界面。

第二步:选择类别AccessPolicy以显示不同的API调用。

alialia cisco.	Firepower Devic	e Manager	题 Monitoring	Ø Policies	∰⊒ Objects	Device: firepower		6.			?	admin Administrato	v
FTD RES API Explor Error Catal	TAPI ← er	document You can te POST calls /operation deployment valid acce Before usi You can al NOTE: Thi that you us Cisco mak otherwise	ation for the resource ist the various methols is create real objects. al/deploy resource in the after you make any API uses OAuth 2.0 iss token in the Author ong the REST API, you so refer to this page e purpose of the API se the API Explorer o tes no guarantee that improve the API basi	e. ds and resou PUT calls mo n the Deploym y configuratio to validate ac- rrization: Bear u need to finis for a list of Al Explorer is to n a non-prod t the API versis ed on user fer	rces through th drify existing of nent group. Alth n changes. cess. Use the n er header on ai h the device in h the device in h the device in help you learn uction device. ion included on edback.	is page. When you fill in parameters ojects. DELETE calls remove real objects. DELETE calls remove real objects ough some changes, such as to the esources under the Token group to g ny HTTPS request from your API clie tital setup. You can complete the dev codes. (Additional errors might exis the API. Testing calls through the API this Firepower Threat Device (the *A	and click the Try it Out! button, rcts. However, most changes do management IP address and ot let a password-granted or custo nt. ice initial setup either through U t.) Pl Explorer requires the creation Pl") will be compatible with futu	you inten not been her system of access of access are relea	ract direc come act em-level ss token, ough Initia ss locks t ases. Cisc	ctly with t ive until y changes to refres alProvisio that might co, at any	the system. C you deploy th , do not requ h a token, or n API. t interfere wit t interfere wit	ET calls retrieve r em using the POS ire deployment, it to revoke a token th regular operation whe discretion, may	eal information. T is safer to do a . You must include a on. We recommend y modify, enhance or
		AAASet ASPath Access ActiveL ActiveL AnyCor AnyCor	tting IList Policy DirectoryRealm JserSessions nnectClientProf nnectPackageF	file							Show/Hide Show/Hide Show/Hide Show/Hide Show/Hide Show/Hide	List Operations List Operations	Expand Operations

图 2.API Explorer Web用户界面。

第三步:运行GET调用以获取访问策略ID。

Acces	sPolicy	Show/Hide	List Operations	Expand Operations
GET	/policy/accesspolicies/{parentId}/accessrules			
POST	/policy/accesspolicies/{parentId}/accessrules			
DELETE	/policy/accesspolicies/{parentld}/accessrules/{objld}			
GET	/policy/accesspolicies/{parentld}/accessrules/{objld}			
PUT	/policy/accesspolicies/{parentld}/accessrules/{objld}			
GET	/policy/accesspolicies			
GET	/policy/accesspolicies/{objld}			

图 3.访问策略类别。

第四步:您必须点击TRY IT OUT!才能检索API响应。

Firepower Device Mana	ger Monitoring Policies Objects Device: firepower Device: device: firepower
FTD REST API +	"message": "string", "internal_error_code": 0)
API Explorer	
Error Catalog	
	520 Model Example Value ("status_code": 0 "internal_error_code": 0) //////////////////////////////////
	art /policy/accesspolicies/(objid)
	/policy/accesspolicies/(objid)

图 4.TRY IT OUT ! 运行API调用的按钮。

第五步:将数据从JSON响应正文复制到记事本。之后,您必须使用访问控制策略ID。

Firepower Device Mana	jer Monitoring Policies Objects Device: firepower	۵.)	0	?	•	admin Administrator	×
FTD REST API ←	TRY IT OUTI				le.		
Error Catalog	Curl curl -X GETheader 'Accept: application/json' 'https://10.88.243.61:44370/api/fdm/v6/policy/accesspolicies' Request URL https://10.88.243.61:44370/api/fdm/v6/policy/accesspolicies						
	<pre>Response Body ThitCount": { ThitCount": 0, "firstHitTimeStamp": "", "lastHetChImeStamp": "", "lastHetChImeStamp: "", "lastHetChImeStamp: "", "lastHetChImeStamp: ", "lastHetChImeStamp: , "lastHetCHImeStamp: ,</pre>						Î

第六步:在API资源管理器上查找并打开TimeRange类别以显示不同的API调用。

Firepower Device Mar	ager Monitoring Policies Objects Device: firepower	∑ 🖆 Ø ? 🚯 admin Administrator
FTD REST API ←	StandardAccessList	Show/Hide List Operations Expand Operations
	StandardCommunityList	Show/Hide List Operations Expand Operations
APIExplorer	SyslogServer	Show/Hide List Operations Expand Operations
Error Catalog	SystemInformation	Show/Hide List Operations Expand Operations
	Telemetry	Show/Hide List Operations Expand Operations
	TestDirectory	Show/Hide List Operations Expand Operations
	TestIdentityServicesEngineConnectivity	Show/Hide List Operations Expand Operations
	TestIdentitySource	Show/Hide List Operations Expand Operations
	TimeRange	Show/Hide List Operations Expand Operations
	TimeZoneObjects	Show/Hide List Operations Expand Operations
	TimeZoneSettings	Show/Hide List Operations Expand Operations
	TimeZones	Show/Hide List Operations Expand Operations
	Token	Show/Hide List Operations Expand Operations
	TrafficInterruptionReasons	Show/Hide List Operations Expand Operations
	TrafficUser	Show/Hide List Operations Expand Operations
	TrafficUserGroup	Show/Fine List Onerations Evnand Onerations

图 6.时间范围类别。

步骤 7.使用POST API调用,创建任意多个TimeRange对象。

Firepower Device Mana	Ger Monitoring Policies Objects Device: firepower	S (admining admining
	Fime Range	Show/Hide List Operations Expand Operations
-TD REST API ←	GET /object/timeranges	
API Explorer	Post /object/timeranges	
Pror Catalog	Implementation Notes This API call is not allowed on the standby unit in an HA pair. Response Class (Status 200)	
	Model Example Value	
	<pre>"effectiveEndDateTime": "string", "recurrenceList": [{</pre>	
	Response Content Type application/json Parameters	
	Parameter Value Description body (required)	Parameter Type Data Type body Model Example Value

图 7.POST呼叫的时间范围。

在此处找到几个格式示JSON例,以创建两个不同的TimeRange对象。

对象1:

<#root>

```
"name": "
range-obj-1
",
"recurrenceList": [
    {
      "days": [
        "MON",
        "TUE",
        "WED",
        "THU",
        "FRI"
      ],
      "recurrenceType": "DAILY_INTERVAL",
      "dailyStartTime": "
00:00
۳,
      "dailyEndTime": "
```

23:50

```
",
"type": "recurrence"
}
],
"type": "timerangeobject"
}
```

对象2:

<#root>

{

"name": "

range-obj-2

```
",

"recurrenceList": [

{

"days": [

"MON"

],

"recurrenceType": "DAILY_INTERVAL",

"dailyStartTime": "
```

12:00

", "dailyEndTime": "

13:00

```
",
"type": "recurrence"
}
```

], "type": "timerangeobject", }

Share State () 1 → Share State () Share State () → Share Stat

步骤 8运行调用GET,以获取TimeRange对象ID。

Firepower Device Mana	ger Monitoring Policies Objects Device: firepower	
FTD REST API ←	https://10.88.243.61:44370/ap1/fdm/v6/object/timeranges	
API Explorer	Response Body	
Error Catalog	<pre>"effectiveEndDateTime": "Never End", "recurrenceList": [{ { "days": ["X01", "TUE", "NED", "TUU", "TRI"], "recurrenceType": "DAILY_INTERVAL", "dailyStartTime": "00:00", "dailyStartTime": "00:00", "dailyStartTime": "00:00", "dailyStartTime": "23:50", "timeRangeObjectTime": "23:50", "timeRangeObjectId": 3, "timeRangeObjectId": 3, "timeRangeObject", "links": (</pre>	
	Response Code	ł
	Response Headers { "accept-nanges": "bytes", "accept-nang	
	<pre>"id": "718e605c-2697-11ee-a5a7-57e37203b186", "type": "timerangeobject", "links": (Response Code 200 Response Headers ("accept-ranges": "bytes", "accept-ranges": "bytes": "bytes", "accept-ranges": "bytes": "bytes", "accept-ranges": "bytes": "bytes":</pre>	

图 8.从时间范围获取GET响应。

步骤 9单击Deploy按钮以验证和应用更改。

Firepower Devi	anager Monitoring Policies Objects Device: firepower	ator
FTD REST API 🛛 🗧	Firepower Threat Defense REST API	
API Explorer	The following is a list of resources you can use for programmatic access to the device using the Firepower Threat Defense REST API. The resources are organized into groups of relations of the second s	ated resources. Click a
Error Catalog	group name to see the available methods and resources. Click a method/resource within a group to see detailed information. Within a method/resource, click the Model link under R documentation for the resource.	esponse Class to see
	You can test the various methods and resources through this page. When you fill in parameters and click the Try it Out! button, you interact directly with the system. GET calls retriev POST calls create real objects. PUT calls modify existing objects. DELETE calls remove real objects. However, most changes do not become active until you deploy them using the PI /operational/deploy resource in the Deployment group. Although some changes, such as to the management IP address and other system-level changes, do not require deployment deployment after you make any configuration changes.	e real information. OST , it is safer to do a
	V. APAT IN	· · · · · · · · · · · · · · · · · · ·

图 9.可从API资源管理器中使用部署按钮。

步骤 10验证您刚刚创建的配置,然后单击 DEPLOY NOW.

Last Deployment Completed Successfully			
19 Jul 2023 06:32 PM. See Deployment History			
Deployed Version (19 Jul 2023 06:32 PM)	Pending Version		
timerangeobject Added: range-obj-1		^	
-	recurrenceList.recurrenceType: DAILY_INTERVAL		
-	recurrenceList.dailyStartTime: 00:00		
-	effectiveStartDateTime: Started		
	effectiveEndDateTime: Never End		
-			
-	timeRangeObjectId: 3		
-	timeRangeObjectId: 3 name: range-obj-1		
	timeRangeObjectId: 3 name: range-obj-1		
timerangeobject Added: <i>range-obj-2</i>	timeRangeObjectId: 3 name: range-obj-1	-	
timerangeobject Added: range-obj-2	<pre>timeRangeObjectId: 3 name: range-obj-1 recurrenceList.recurrenceType: DAILY_INTERVAL</pre>	41	
timerangeobject Added: range-obj-2	timeRangeObjectId: 3 name: range-obj-1 recurrenceList.recurrenceType: DAILY_INTERVAL recurrenceList.dailyStartTime: 12:00	4	
timerangeobject Added: range-obj-2	<pre>timeRangeObjectId: 3 name: range-obj-1 recurrenceList.recurrenceType: DAILY_INTERVAL recurrenceList.dailyStartTime: 12:00 recurrenceList.dailyEndTime: 13:00</pre>	4	
timerangeobject Added: range-obj-2	timeRangeObjectId: 3 name: range-obj-1 recurrenceList.recurrenceType: DAILY_INTERVAL recurrenceList.dailyStartTime: 12:00 recurrenceList.dailyEndTime: 13:00 effectiveStartDateTime: Started effectiveStartDateTime: Started		
timerangeobject Added: range-obj-2	timeRangeObjectId: 3 name: range-obj-1 recurrenceList.recurrenceType: DAILY_INTERVAL recurrenceList.dailyStartTime: 12:00 recurrenceList.dailyEndTime: 13:00 effectiveStartDateTime: Started effectiveEndDateTime: Never End timeRangeObjectId: 4		
timerangeobject Added: range-obj-2	timeRangeObjectId: 3 name: range-obj-1 recurrenceList.recurrenceType: DAILY_INTERVAL recurrenceList.dailyStartTime: 12:00 recurrenceList.dailyEndTime: 13:00 effectiveStartDateTime: Started effectiveEndDateTime: Never End timeRangeObjectId: 4 name: range-obj-2		
timerangeobject Added: range-obj-2	timeRangeObjectId: 3 name: range-obj-1 recurrenceList.recurrenceType: DAILY_INTERVAL recurrenceList.dailyStartTime: 12:00 recurrenceList.dailyEndTime: 13:00 effectiveStartDateTime: Started effectiveEndDateTime: Never End timeRangeObjectId: 4 name: range-obj-2		
timerangeobject Added: range-obj-2	timeRangeObjectId: 3 name: range-obj-1 recurrenceList.recurrenceType: DAILY_INTERVAL recurrenceList.dailyStartTime: 12:00 recurrenceList.dailyEndTime: 13:00 effectiveStartDateTime: Started effectiveEndDateTime: Never End timeRangeObjectId: 4 name: range-obj-2		

图 10.FDM挂起更改窗口。

步骤 11查找类别AccessPolicy,然后打开POST呼叫,以便创建基于时间的访问控制规则。

cisco. Firepower Devic	ce Manager Monitoring Policies Objects Device: firepower Objects Device: firepower
FTD REST API 🔶	Cisco makes no guarantee that the API version included on this Firepower Threat Device (the "API") will be compatible with future releases. Cisco, at any time in its sole discretion, may modify, enhance or otherwise improve the API based on user feedback.
API Explorer	AAASetting Show/Hide List Operations Expand Operations
Error Catalog	ASPathList Show/Hile List Operations Expand Operations
	AccessPolicy Show/Hide List Operations Expand Operations
	GET /policy/accesspolicies/{parentld}/accessrules
	Post /policy/accesspolicies/{parentld}/accessrules
	DELETE /policy/accesspolicies/{parentid}/accessrules/{objid}
	/policy/accesspolicies/{parentid}/accessrules/{objid}
	put /policy/accesspolicies/{parentid}/accessrules/{objid}
	set /policy/accesspolicies
	GET /policy/accesspolicies/{objid}
	put /policy/accesspolicies/{objid}
	ActiveDirectoryRealm Show/Hide List Operations Expand Operations
	ActiveUserSessions Show/Hide List Operations Expand Operations
	AnyConnectClientProfile Show/Hide List Operations Expand Operations

图 11.访问策略POST呼叫。

在此找到一JSON个格式示例,用于创建基于时间的ACL,允许流量从内部区域流向外部区域。

确保使用正确的时间范围对象ID。

```
{
  "name": "test_time_range_2",
  "sourceZones": [
    {
          "name": "inside_zone",
          "id": "90c377e0-b3e5-11e5-8db8-651556da7898",
          "type": "securityzone"
    }
  ],
  "destinationZones": [
    {
      "name": "outside_zone",
      "id": "b1af33e1-b3e5-11e5-8db8-afdc0be5453e",
      "type": "securityzone"
    }
  ],
  "ruleAction": "PERMIT",
  "eventLogAction": "
LOG_FLOW_END
  "timeRangeObjects": [
    {
    "id": "
718e6b5c-2697-11ee-a5a7-57e37203b186
...
    "type": "timerangeobject",
```

```
"name": "Time-test2"
}
],
"type": "accessrule"
}
```

Signature State Sta

步骤 12部署更改以应用新的基于时间的ACL。Pending Changes提示必须显示步骤10中所用的时间 范围对象。

ager r		(admin Admini	strator
https://10.	Pending Changes		ø ×	
Response E	Last Deployment Completed Successfully 19 Jul 2023 07:05 PM. See Deployment History			
{ "versio	Deployed Version (19 Jul 2023 07:05 PM)	Pending Version	C LEGEND	
"name": "ruleId	Access Rule Added: test_time_range		A	
"source { "ve	-	logFiles: false eventLogAction: LOG_FLOW_END ruleId: 268435460		
"id "ty }	timeRangeObjects: - sourceZones:	range-obj-2		
], "destin	- destinationZones:	inside_zone		
۲ ve na "id "tv	Access Policy Edited: NGFW-Access-Policy			
,) [°]	MORE ACTIONS V	CANCEL		
Response				
200				
Response He	aders			

图 12."FDM挂起更改"窗口将显示新规则。

第13步(可选):如果要编辑ACL,可以使用呼叫并PUT编辑时间范围ID。

Firepower Device Mana	ger Monitoring Policies Objects Device: firepower Objects Device: firepower
	cet /policy/accesspolicies/{parentld//accessrules/{objld}
FTD REST API +	۲۰۰۳ /policy/accesspolicies/{parentld}/accessrules/{objld}
API Explorer	
Error Catalog	Implementation Notes This API call is not allowed on the standby unit in an HA pair. Response Class (Status 200) Model Example Value
	<pre>"name": "string" } }, ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '</pre>
	Response Content Type application/json > Parameters Parameter Value Description Parameter Type Data Type
	parentId (required) path string
	ebjId (required) path string

图 13.访问策略PUT呼叫。

在此找到格JSON式示例以编辑时间范围,这些时间范围ID可以通过使用调用进行收集GET。

<#root>

```
{
    "version": "flya3jw7wvqg7",
    "name": "test_time_range",
    "ruleId": 268435460,
    "sourceZones": [
    {
        "version": "lypkhscmwq4bq",
        "name": "inside_zone",
    }
}
```

```
"id": "90c377e0-b3e5-11e5-8db8-651556da7898",
"type": "securityzone"
}
],
"destinationZones": [
{
"version": "pytctz6vvfb3i",
"name": "outside_zone",
"id": "b1af33e1-b3e5-11e5-8db8-afdc0be5453e",
"type": "securityzone"
}
],
"sourceNetworks": [],
"destinationNetworks": [],
"sourcePorts": [],
"destinationPorts": [],
"ruleAction": "PERMIT",
"eventLogAction": "LOG_FLOW_END",
"identitySources": [],
"users": [],
"embeddedAppFilter": null,
"urlFilter": null,
"intrusionPolicy": null,
"filePolicy": null,
"logFiles": false,
"syslogServer": null,
"destinationDynamicObjects": [],
"sourceDynamicObjects": [],
"timeRangeObjects": [
{
"version": "i3iohbd5iufol",
"name": "range-obj-1",
"id": "
718e6b5c-2697-11ee-a5a7-57e37203b186
۳,
"type": "timerangeobject"
}
],
"id": "0f2e8f56-269b-11ee-a5a7-6f90451d6efd",
"type": "accessrule"
}
```

步骤 14部署和验证更改。

ger I "ve	Ρ	ending Changes			9 C Administrator
"na "id "ty }	0	Last Deployment Completed Successfully 19 Jul 2023 07:19 PM. <u>See Deployment History</u>			
], "id": "		Deployed Version (19 Jul 2023 07:19 PM)	Pending Version	C LEGEND	
"type": "links" "self	0	Access Rule Edited: test_time_range		^	-11ee -537-84e3380540-7"
}	0	Access Rule Added: test_time_range_2			-1100-838/-00023093408/
3		-	<pre>logFiles: false eventLogAction: LOG_FLOW_END</pre>		
Response (-	ruleId: 268435461 name: test time range 2		
200		timeRangeObjects:			
Posponso k		-	range-obj-1		
Response r		sourceZones:	inside zone		
{ "accent-r		destinationZones:	113106_1016		
"cache-co		-	outside_zone		
"content-					
"date": " "expires" "keep-ali "pragma":	0	Access Policy Edited: NGFW-Access-Policy			
"server": "strict-t "transfer "vary":	N	NORE ACTIONS V	CANCEL	EPLOY NOW Y	
"x-conter "x-frame- "x-xss-pro }	tecti	ion": "1; mode=blóck"			

图 14."FDM挂起更改"(FDM Pending Changes)窗口显示对象的更改。

验证

1.运行命令show time-range,以验证时间范围对象的状态。

<#root>

>

show time-range

time-range entry:

```
range-obj-1
```

(

active

```
)
```

```
periodic weekdays 0:00 to 23:50 time-range entry:
```

range-obj-2

(

inactive

)

periodic Monday 12:00 to 13:00

<#root>

>

show access-control-config

```
========[ NGFW-Access-Policy ]=============
Description :
=======[ Default Action ]============
Default Action : Block
Logging Configuration
DC : Enabled
Beginning : Disabled
End : Disabled
Rule Hits : 0
Variable Set : Object missing: 76fa83ea-c972-11e2-8be8-8e45bb1343c0
===[ Security Intelligence - Network Whitelist ]====
===[ Security Intelligence - Network Blacklist ]====
Logging Configuration : Disabled
DC : Disabled
=====[ Security Intelligence - URL Whitelist ]======
=====[ Security Intelligence - URL Blacklist ]======
Logging Configuration : Disabled
DC : Disabled
=====[ Rule Set: admin_category (Built-in) ]=======
=====[ Rule Set: standard_category (Built-in) ]=====
-----[ Rule: test_time_range ]------
Action :
Allow
Source ISE Metadata :
Source Zones : inside_zone
Destination Zones : outside_zone
Users
URLs
Logging Configuration
DC : Enabled
Beginning : Disabled
End : Enabled
Files : Disabled
Safe Search : No
Rule Hits : 0
Variable Set : Object missing: 76fa83ea-c972-11e2-8be8-8e45bb1343c0
Time Range :
range-obj-1
Daily Interval
StartTime : 00:00
EndTime : 23:50
Days : Monday, Tuesday, Wednesday, Thursday, Friday
```

3.运行调试System Support Trace,以确认流量符合正确的规则。

<#root>

> system support trace

Enable firewall-engine-debug too? [n]: y Please specify an IP protocol: tcp Please specify a client IP address: Please specify a client port: Please specify a server IP address: Please specify a server port: 443 Monitoring packet tracer and firewall debug messages

10.10.3 62360 -> Destination IP 443 6 AS=0 ID=3 GR=1-1 New firewall session 10.10.10.3 62360 -> Destination IP 443 6 AS=0 ID=3 GR=1-1 app event with app id no change, url no chang 10.10.10.3 62360 -> Destination IP 443 6 AS=0 ID=3 GR=1-1 Starting with minimum 1, 'test_time_range', a 10.10.10.3 62360 -> Destination IP 443 6 AS=0 ID=3 GR=1-1

match rule order 1, 'test_time_range', action Allow

10.10.10.3 62360 -> Destination IP 443 6 AS=0 ID=3 GR=1-1 MidRecovery data sent for rule id: 268435460, 10.10.10.3 62360 -> Destination IP 443 6 AS=0 ID=3 GR=1-1

allow action

10.10.3 62360 -> Destination IP 443 6 AS=0 ID=3 GR=1-1 Packet 1930048: TCP *****S*, 07/20-18:05:06. 10.10.10.3 62360 -> Destination IP 443 6 AS=0 ID=3 GR=1-1 Session: new snort session 10.10.10.3 62360 -> Destination IP 443 6 AS=0 ID=3 GR=1-1 AppID: service: (0), client: (0), payload: (0 10.10.10.3 62360 -> Destination IP 443 6 AS=0 ID=3 GR=1-1 Firewall: starting rule matching, zone 2 -> 1 10.10.10.3 62360 -> Destination IP 443 6 AS=0 ID=3 GR=1-1

Firewall: allow rule, 'test_time_range', allow

10.10.10.3 62360 -> Destination IP 443 6 AS=0 ID=3 GR=1-1 Policies: Network 0, Inspection 0, Detection 10.10.10.3 62360 -> Destination IP 443 6 AS=0 ID=3 GR=1-1 Verdict:

pass

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)。