

Passieve verificatie met behulp van VPN-inloggen op afstandsbediening op FirePOWER Apparaatbeheer

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Inleiding

Dit document beschrijft hoe u Passive Verificatie kunt configureren via Firepower Threat Defense (FTD) via Firepower Apparator Manager (FDM) met Remote Access VPN-telefoons (RA VPN) met AnyConnect.

Voorwaarden

Vereisten

Cisco raadt kennis van de volgende onderwerpen aan:

- Firepower Apparaatbeheer.
- Externe toegang VPN.
- identiteitsbeleid.

Gebruikte componenten

De informatie in dit document is gebaseerd op de volgende software- en hardware-versies:

- Firepower Threat Defense (FTD) versie 7.0
- Cisco AnyConnect Secure Mobility Client versie 4.10
- Active Directory (AD)

De informatie in dit document is gebaseerd op de apparaten in een specifieke laboratoriumomgeving. Alle apparaten die in dit document worden beschreven, hadden een opgeschoonde (standaard)configuratie. Als uw netwerk levend is, zorg er dan voor dat u de mogelijke impact van om het even welke opdracht begrijpt.

Achtergrondinformatie

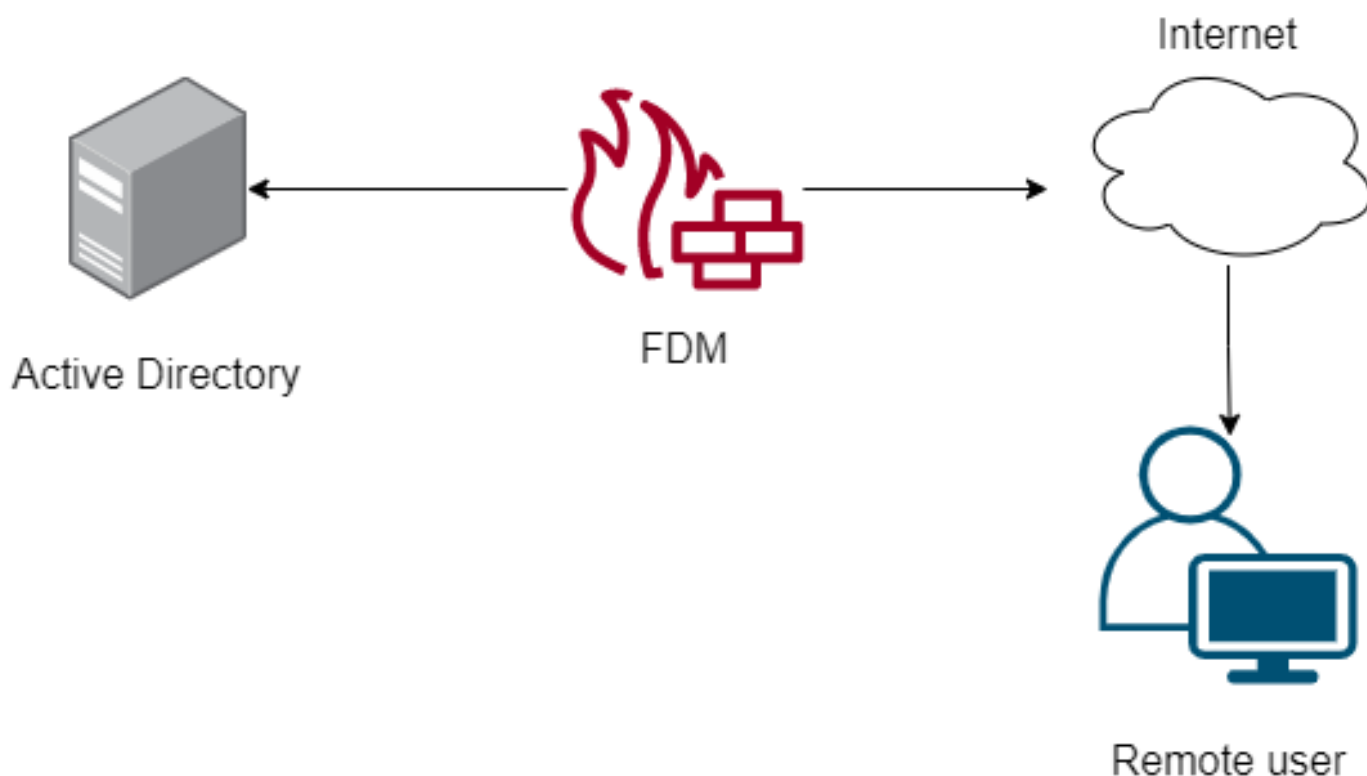
Het identiteitsbeleid kan gebruikers detecteren die aan een verbinding zijn gekoppeld. De gebruikte methode is passieve verificatie, aangezien de gebruikersidentiteit is verkregen bij andere echtheidsdiensten (LDAP).

In FDM kan passieve verificatie met twee verschillende opties werken:

- VPN-loggen voor externe toegang
- Cisco Identity Services Engine (ISE)

Configuratie

Netwerkdigram



In dit gedeelte wordt beschreven hoe u Passive Verificatie op FDM kunt configureren.

Stap 1. Configuratie van de identiteitsbron

Of u gebruikers actief identiteit verzamelt (door de herinnering voor gebruikersauthenticatie) of passief, moet u de Active Directory (AD) server configureren die de gebruikersidentificatieinformatie heeft.

Navigeren in op objecten >**Identity** Services en selecteer de optieAD om de actieve map toe te voegen.

Voeg de configuratie van de Actieve Map toe:

! Identity Realm is used for Identity Policies and Remote Access VPN. Any changes impact all features that use this realm.

Name	AnyConnect_LDAP	Type	Active Directory (AD) ▼
Directory Username	brazil <small>e.g. user@example.com</small>	Directory Password
Base DN	CN=Users,dc=cmonterr,dc=local <small>e.g. ou=user, dc=example, dc=com</small>	AD Primary Domain	cmonterr.local <small>e.g. example.com</small>
Directory Server Configuration			
📱 192.168.26.202:389			Test ▼
Add another configuration			
		CANCEL	OK

Stap 2. Configureer de RCA VPN

De configuratie van VPN-externe toegang kan in deze [link](#) worden bekeken

Stap 3. Configureer de verificatiemethode voor RA VPN-gebruikers

Selecteer in de RA VPN-configuratie de verificatiemethode. De primaire bron voor gebruikersverificatie moet de AD zijn.

Primary Identity Source	
Authentication Type	
AAA Only ▼	
Primary Identity Source for User Authentication	Fallback Local Identity Source ⚠
AnyConnect_LDAP ▼	LocalIdentitySource ▼
<input checked="" type="checkbox"/> Strip Identity Source server from username	
<input checked="" type="checkbox"/> Strip Group from Username	

Opmerking: In de Global Settings van het RA VPN-netwerk, dient u de optie Bypass Access

Control Policy voor gecrypteerd verkeer (**systemlicenties-VPN**) uit te schakelen om de mogelijkheid te bieden om het toegangscontrolebeleid te gebruiken voor het inspecteren van verkeer dat afkomstig is van de AnyConnect-gebruikers.

Certificate of Device Identity: AnyConnect_VPN

Outside Interface: outside (GigabitEthernet0/0)

Fully-qualified Domain Name for the Outside Interface: fdm.ravpn
e.g. ravpn.example.com

Port: 443
e.g. 8080

Access Control for VPN Traffic
Decrypted VPN traffic is subjected to access control policy inspection by default. Enabling the Bypass Access Control policy for decrypted traffic option bypasses the access control policy, but for remote access VPN, the VPN Filter ACL and the authorization ACL downloaded from the AAA server are still applied to VPN traffic

Bypass Access Control policy for decrypted traffic (sysopt permit-vpn)

NAT Exempt

Inside Interfaces: The interfaces through which remote access VPN users can connect to the internal networks
+
inside (GigabitEthernet0/1)

Inside Networks: The internal networks remote access VPN users are allowed to use. The IP versions of the internal networks and address pools must match, either IPv4, IPv6, or both.
+
FDM_Local_network

Stap 4. Het identiteitsbeleid voor passieve verificatie configureren

U moet het identiteitsbeleid creëren om passieve authenticatie te configureren hebt het beleid de volgende elementen:

- AD-identiteitsbron: Het zelfde dat u in stap nummer 1 toevoegt
- Actie: PASSIEVE AUTO

Om de identiteitsregel te configureren **navigeer** u **naar** beleid>**Identiteit** > selecteer[+] om een nieuwe identiteitsregel toe te voegen.

- Bepaal de bron- en doelsubnetten waar passieve authenticatie van toepassing is.

Order: 1, Title: AnyConnect, AD Identity Source: AnyConnect_LDAP, Action: Passive Auth

PASSIVE AUTHENTICATION
For all types of connections, obtain user identity from other authentication services without prompting for username and password.

With Identity Sources: Anyconnect

SOURCE			DESTINATION		
Zones	Networks	Ports	Zones	Networks	Ports
ANY	ANY	ANY	ANY	ANY	ANY

Stap 5. Maak de toegangscontroleregel in het toegangscontrolebeleid

Configureer de regel Toegangsbeheer om verkeer op basis van gebruikers toe te staan of te blokkeren.

#	NAME	ACTION	SOURCE			DESTINATION			APPLICATIONS	URLS	USERS	ACTIONS
			ZONES	NETWORKS	PORTS	ZONES	NETWORKS	PORTS				
> 1	Inside_Outside...	Allow	inside_zone	ANY	ANY	outside_zone	ANY	ANY	ANY	ANY	brazil	

Om de gebruikers of gebruikersgroep te configureren om passieve verificatie te veroorzaken, selecteert u het tabblad Gebruikers. U kunt een gebruikersgroep of een afzonderlijke gebruiker toevoegen.

Order: 1, Title: Inside_Outside_Rule, Action: Allow

Source/Destination Applications URLs **Users** Intrusion Policy File policy Logging

AVAILABLE USERS + CONTROLLING ACCESS FOR USERS AND USER GROUPS

Filter

Identity Sources Groups **Users**

- AnyConnect_LDAP \ administrator
- AnyConnect_LDAP \ brazil**
- AnyConnect_LDAP \ calo-maintenance

If you configure identity policies to establish user identity based on source IP address, you can control access based on user name or user group membership. By controlling access based on user identity, you can apply the appropriate access controls whether the user changes workstations or obtains a different address through DHCP. If you base rules on group membership, user network access changes as users change roles in your organization, moving from one group to another.

Stel de wijzigingen in.

Verificatie

Controleer of de testverbinding met de AD succesvol is

! Identity Realm is used for Identity Policies and Remote Access VPN. Any changes impact all features that use this realm.

Name	AnyConnect_LDAP	Type	Active Directory (AD)
Directory Username	brazil	Directory Password
<i>e.g. user@example.com</i>			
Base DN	CN=Users,dc=cmonterr,dc=local	AD Primary Domain	cmonterr.local
<i>e.g. ou=user, dc=example, dc=com</i>		<i>e.g. example.com</i>	

Directory Server Configuration

192.168.26.202:389

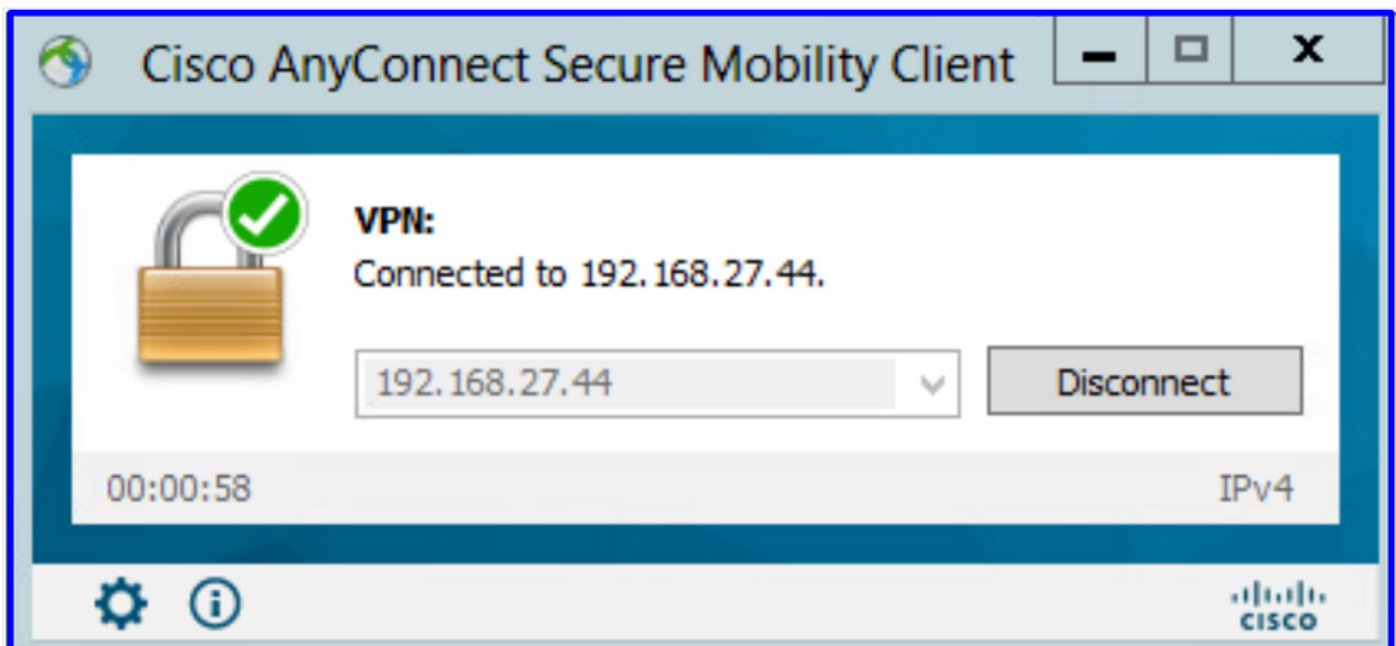
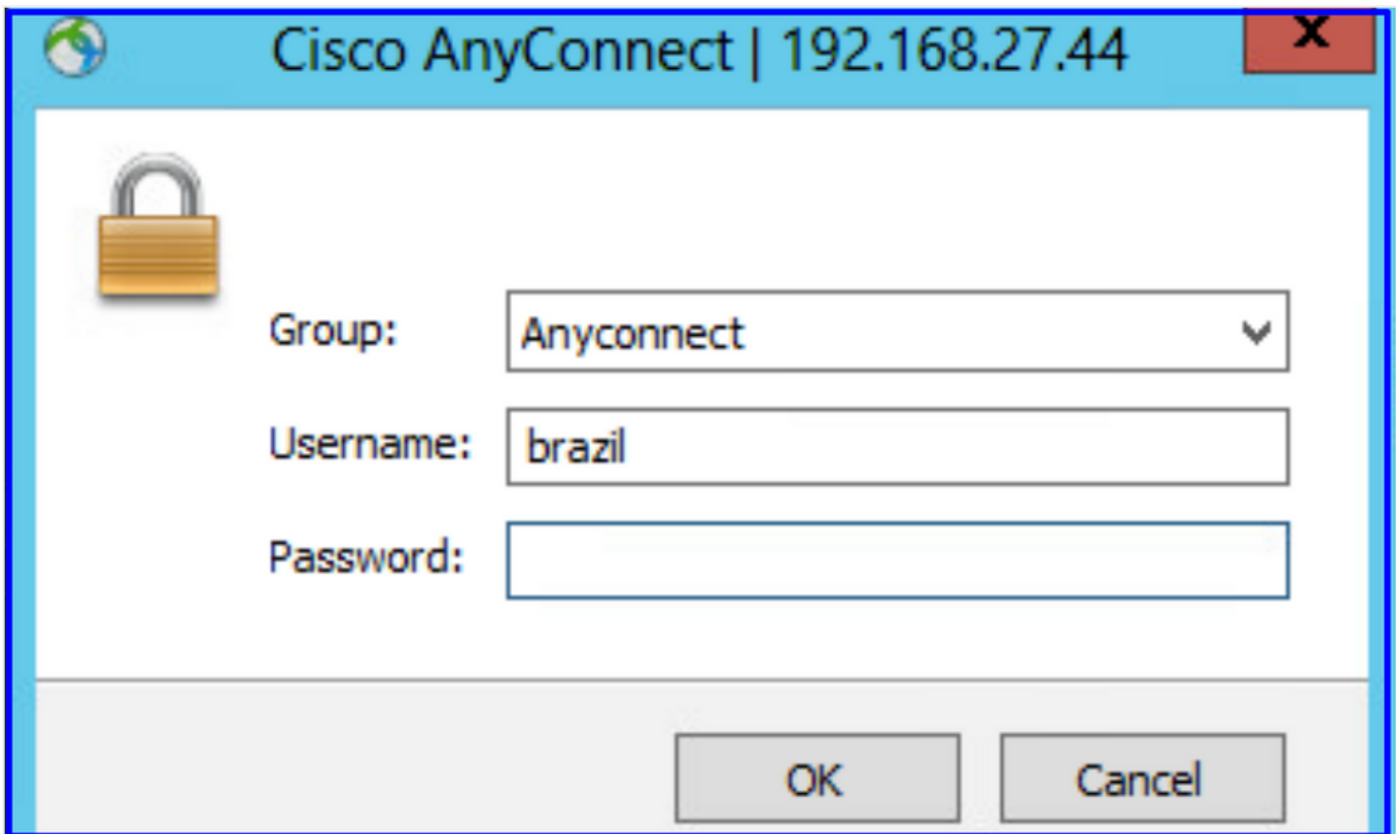
Hostname / IP Address	192.168.26.202	Port	389
<i>e.g. ad.example.com</i>			
Interface	inside (GigabitEthernet0/1)		
Encryption	NONE	Trusted CA certificate	Please select a certificate

TEST ✓ **Connection to realm is successful**

[Add another configuration](#)

CANCEL OK

Controleer dat de externe gebruiker met de AnyConnect-client kan inloggen met hun AD-referenties.



Controleer dat de gebruiker een IP-adres van de VPN-pool krijgt

```
firepower# show vpn-sessiondb anyconnect filter name brazil
Session Type: AnyConnect
Username      : brazil          Index      : 23
Assigned IP   : 192.168.19.1    Public IP  : 192.168.27.40
Protocol      : AnyConnect-Parent SSL-Tunnel
License       : AnyConnect Premium
Encryption    : AnyConnect-Parent: (1)none  SSL-Tunnel: (1)AES-GCM-256
Hashing       : AnyConnect-Parent: (1)none  SSL-Tunnel: (1)SHA384
Bytes Tx      : 15818           Bytes Rx   : 2494
Group Policy  : DfltGrpPolicy    Tunnel Group : Anyconnect
Login Time    : 13:22:20 UTC Wed Jul 21 2021
Duration      : 0h:00m:13s
Inactivity    : 0h:00m:00s
VLAN Mapping  : N/A             VLAN       : none
Audt Sess ID  : 000000000001700060f81f8c
Security Grp  : none            Tunnel Zone : 0
firepower#
```

Problemen oplossen

U kunt het `user_map_query.pl`script gebruiken om te bevestigen dat de FDM de gebruiker ip mapping heeft

```
root@firepower:~# user_map_query.pl -u brazil
WARNING: This script was not tested on this major version (7.0.0)! The results may be unexpected.
Current Time: 07/21/2021 13:23:38 UTC
Getting information on username(s)...

-----
User #1: brazil
-----
ID:          5
Last Seen:   07/21/2021 13:22:20 UTC
for_policy:  1

=====
|           Database           |
=====

##) IP Address
1) ::ffff:192.168.19.1

##) Group Name (ID)
1) Domain Users (11)
root@firepower:~# user_map_query.pl -i 192.168.19.1
WARNING: This script was not tested on this major version (7.0.0)! The results may be unexpected.
Current Time: 07/21/2021 13:23:50 UTC
Getting information on IP Address(es)...

-----
IP #1: 192.168.19.1
-----

=====
|           Database           |
=====

##) Username (ID)
1) brazil (5)
   for_policy: 1
   Last Seen: 07/21/2021 13:22:20 UTC
root@firepower:~# █
```


In de modus Engels kunt u het volgende configureren:

systemondersteuning van identiteit-debuggen om te controleren of omleiding succesvol is.

```
> system support identity-debug
Enable firewall-engine-debug too? [n]: y
Please specify an IP protocol:
Please specify a client IP address: 192.168.19.1
Please specify a client port:
Please specify a server IP address:
Please specify a server port:
Monitoring identity and firewall debug messages

192.168.19.1-62757 > 72.163.47.11-53 17 AS 1-1 I 0 Starting authentication (sfAuthCheckRules
params) with zones 2 -> 2, port 62757 -> 53, geo 14467064 -> 14467082
192.168.19.1-62757 > 72.163.47.11-53 17 AS 1-1 I 0 Retrieved ABP info:
192.168.19.1-62757 > 72.163.47.11-53 17 AS 1-1 I 0 abp src
192.168.19.1-62757 > 72.163.47.11-53 17 AS 1-1 I 0 abp dst
192.168.19.1-62757 > 72.163.47.11-53 17 AS 1-1 I 0 matched auth rule id = 130027046 user_id = 5
realm_id = 3
192.168.19.1-62757 > 72.163.47.11-53 17 AS 1-1 I 0 new firewall session
192.168.19.1-62757 > 72.163.47.11-53 17 AS 1-1 I 0 using HW or preset rule order 2,
'Inside_Outside_Rule', action Allow and prefilter rule 0
192.168.19.1-62757 > 72.163.47.11-53 17 AS 1-1 I 0 HitCount data sent for rule id: 268435458,
192.168.19.1-62757 > 72.163.47.11-53 17 AS 1-1 I 0 allow action
192.168.19.1-62757 > 8.8.8.8-53 17 AS 1-1 I 1 Starting authentication (sfAuthCheckRules params)
with zones 2 -> 2, port 62757 -> 53, geo 14467064 -> 14467082
192.168.19.1-62757 > 8.8.8.8-53 17 AS 1-1 I 1 Retrieved ABP info:
192.168.19.1-62757 > 8.8.8.8-53 17 AS 1-1 I 1 abp src
192.168.19.1-62757 > 8.8.8.8-53 17 AS 1-1 I 1 abp dst
192.168.19.1-62757 > 8.8.8.8-53 17 AS 1-1 I 1 matched auth rule id = 130027046 user_id = 5
realm_id = 3
192.168.19.1-62757 > 8.8.8.8-53 17 AS 1-1 I 1 new firewall session
192.168.19.1-62757 > 8.8.8.8-53 17 AS 1-1 I 1 using HW or preset rule order 2,
'Inside_Outside_Rule', action Allow and prefilter rule 0
192.168.19.1-62757 > 8.8.8.8-53 17 AS 1-1 I 1 HitCount data sent for rule id: 268435458,
192.168.19.1-62757 > 8.8.8.8-53 17 AS 1-1 I 1 allow action
192.168.19.1-53015 > 20.42.0.16-443 6 AS 1-1 I 0 Starting authentication (sfAuthCheckRules
params) with zones 2 -> 2, port 53015 -> 443, geo 14467064 -> 14467082
192.168.19.1-53015 > 20.42.0.16-443 6 AS 1-1 I 0 Retrieved ABP info:
192.168.19.1-53015 > 20.42.0.16-443 6 AS 1-1 I 0 abp src
192.168.19.1-53015 > 20.42.0.16-443 6 AS 1-1 I 0 abp dst
192.168.19.1-53015 > 20.42.0.16-443 6 AS 1-1 I 0 matched auth rule id = 130027046 user_id = 5
realm_id = 3
192.168.19.1-53015 > 20.42.0.16-443 6 AS 1-1 I 0 new firewall session
192.168.19.1-53015 > 20.42.0.16-443 6 AS 1-1 I 0 using HW or preset rule order 2,
'Inside_Outside_Rule', action Allow and prefilter rule 0
192.168.19.1-53015 > 20.42.0.16-443 6 AS 1-1 I 0 HitCount data sent for rule id: 268435458,
192.168.19.1-53015 > 20.42.0.16-443 6 AS 1-1 I 0 allow action
192.168.19.1-52166 > 20.42.0.16-443 6 AS 1-1 I 1 deleting firewall session flags = 0x10001,
fwFlags = 0x102, session->logFlags = 010001
192.168.19.1-65207 > 72.163.47.11-53 17 AS 1-1 I 1 Starting authentication (sfAuthCheckRules
params) with zones 2 -> 2, port 65207 -> 53, geo 14467064 -> 14467082
192.168.19.1-65207 > 72.163.47.11-53 17 AS 1-1 I 1 Retrieved ABP info:
192.168.19.1-65207 > 72.163.47.11-53 17 AS 1-1 I 1 abp src
192.168.19.1-65207 > 72.163.47.11-53 17 AS 1-1 I 1 abp dst
192.168.19.1-65207 > 72.163.47.11-53 17 AS 1-1 I 1 matched auth rule id = 130027046 user_id = 5
realm_id = 3
192.168.19.1-65207 > 72.163.47.11-53 17 AS 1-1 I 1 new firewall session
192.168.19.1-65207 > 72.163.47.11-53 17 AS 1-1 I 1 using HW or preset rule order 2,
'Inside_Outside_Rule', action Allow and prefilter rule 0
192.168.19.1-65207 > 72.163.47.11-53 17 AS 1-1 I 1 HitCount data sent for rule id: 268435458,
```

192.168.19.1-65207 > 72.163.47.11-53 17 AS 1-1 I 1 allow action
192.168.19.1-65207 > 8.8.8.8-53 17 AS 1-1 I 0 Starting authentication (sfAuthCheckRules params)
with zones 2 -> 2, port 65207 -> 53, geo 14467064 -> 14467082
192.168.19.1-65207 > 8.8.8.8-53 17 AS 1-1 I 0 Retrieved ABP info:
192.168.19.1-65207 > 8.8.8.8-53 17 AS 1-1 I 0 abp src
192.168.19.1-65207 > 8.8.8.8-53 17 AS 1-1 I 0 abp dst
192.168.19.1-65207 > 8.8.8.8-53 17 AS 1-1 I 0 matched auth rule id = 130027046 user_id = 5
realm_id = 3
192.168.19.1-65207 > 8.8.8.8-53 17 AS 1-1 I 0 new firewall session
192.168.19.1-65207 > 8.8.8.8-53 17 AS 1-1 I 0 using HW or preset rule order 2,
'Inside_Outside_Rule', action Allow and prefilter rule 0
192.168.19.1-65207 > 8.8.8.8-53 17 AS 1-1 I 0 HitCount data sent for rule id: 268435458,
192.168.19.1-65207 > 8.8.8.8-53 17 AS 1-1 I 0 allow action
192.168.19.1-65209 > 8.8.8.8-53 17 AS 1-1 I 0 Starting authentication (sfAuthCheckRules params)
with zones 2 -> 2, port 65209 -> 53, geo 14467064 -> 14467082
192.168.19.1-65209 > 8.8.8.8-53 17 AS 1-1 I 0 Retrieved ABP info:
192.168.19.1-65209 > 8.8.8.8-53 17 AS 1-1 I 0 abp src
192.168.19.1-65209 > 8.8.8.8-53 17 AS 1-1 I 0 abp dst
192.168.19.1-65209 > 8.8.8.8-53 17 AS 1-1 I 0 matched auth rule id = 130027046 user_id = 5
realm_id = 3
192.168.19.1-65209 > 8.8.8.8-53 17 AS 1-1 I 0 new firewall session
192.168.19.1-65209 > 8.8.8.8-53 17 AS 1-1 I 0 using HW or preset rule order 2,
'Inside_Outside_Rule', action Allow and prefilter rule 0
192.168.19.1-65209 > 8.8.8.8-53 17 AS 1-1 I 0 HitCount data sent for rule id: 268435458,
192.168.19.1-65209 > 8.8.8.8-53 17 AS 1-1 I 0 allow action
192.168.19.1-65211 > 72.163.47.11-53 17 AS 1-1 I 1 Starting authentication (sfAuthCheckRules
params) with zones 2 -> 2, port 65211 -> 53, geo 14467064 -> 14467082
192.168.19.1-65211 > 72.163.47.11-53 17 AS 1-1 I 1 Retrieved ABP info:
192.168.19.1-65211 > 72.163.47.11-53 17 AS 1-1 I 1 abp src
192.168.19.1-65211 > 72.163.47.11-53 17 AS 1-1 I 1 abp dst
192.168.19.1-65211 > 72.163.47.11-53 17 AS 1-1 I 1 matched auth rule id = 130027046 user_id = 5
realm_id = 3
192.168.19.1-65211 > 72.163.47.11-53 17 AS 1-1 I 1 new firewall session
192.168.19.1-65211 > 72.163.47.11-53 17 AS 1-1 I 1 using HW or preset rule order 2,
'Inside_Outside_Rule', action Allow and prefilter rule 0
192.168.19.1-65211 > 72.163.47.11-53 17 AS 1-1 I 1 HitCount data sent for rule id: 268435458,
192.168.19.1-65211 > 72.163.47.11-53 17 AS 1-1 I 1 allow action
192.168.19.1-61823 > 72.163.47.11-53 17 AS 1-1 I 1 Starting authentication (sfAuthCheckRules
params) with zones 2 -> 2, port 61823 -> 53, geo 14467064 -> 14467082
192.168.19.1-61823 > 72.163.47.11-53 17 AS 1-1 I 1 Retrieved ABP info:
192.168.19.1-61823 > 72.163.47.11-53 17 AS 1-1 I 1 abp src
192.168.19.1-61823 > 72.163.47.11-53 17 AS 1-1 I 1 abp dst
192.168.19.1-61823 > 72.163.47.11-53 17 AS 1-1 I 1 matched auth rule id = 130027046 user_id = 5
realm_id = 3
192.168.19.1-61823 > 72.163.47.11-53 17 AS 1-1 I 1 new firewall session
192.168.19.1-61823 > 72.163.47.11-53 17 AS 1-1 I 1 using HW or preset rule order 2,
'Inside_Outside_Rule', action Allow and prefilter rule 0
192.168.19.1-61823 > 72.163.47.11-53 17 AS 1-1 I 1 HitCount data sent for rule id: 268435458,
192.168.19.1-61823 > 72.163.47.11-53 17 AS 1-1 I 1 allow action
192.168.19.1-61823 > 8.8.8.8-53 17 AS 1-1 I 0 Starting authentication (sfAuthCheckRules params)
with zones 2 -> 2, port 61823 -> 53, geo 14467064 -> 14467082
192.168.19.1-61823 > 8.8.8.8-53 17 AS 1-1 I 0 Retrieved ABP info:
192.168.19.1-61823 > 8.8.8.8-53 17 AS 1-1 I 0 abp src
192.168.19.1-61823 > 8.8.8.8-53 17 AS 1-1 I 0 abp dst
192.168.19.1-61823 > 8.8.8.8-53 17 AS 1-1 I 0 matched auth rule id = 130027046 user_id = 5
realm_id = 3
192.168.19.1-61823 > 8.8.8.8-53 17 AS 1-1 I 0 new firewall session
192.168.19.1-61823 > 8.8.8.8-53 17 AS 1-1 I 0 using HW or preset rule order 2,
'Inside_Outside_Rule', action Allow and prefilter rule 0
192.168.19.1-61823 > 8.8.8.8-53 17 AS 1-1 I 0 HitCount data sent for rule id: 268435458,
192.168.19.1-61823 > 8.8.8.8-53 17 AS 1-1 I 0 allow action
192.168.19.1-57747 > 72.163.47.11-53 17 AS 1-1 I 1 deleting firewall session flags = 0x10001,
fwFlags = 0x102, session->logFlags = 010001
192.168.19.1-57747 > 72.163.47.11-53 17 AS 1-1 I 1 Logging EOF as part of session delete with

```
rule_id = 268435458 ruleAction = 2 ruleReason = 0
192.168.19.1-57747 > 8.8.8.8-53 17 AS 1-1 I 0 deleting firewall session flags = 0x10001, fwFlags
= 0x102, session->logFlags = 010001
192.168.19.1-57747 > 8.8.8.8-53 17 AS 1-1 I 0 Logging EOF as part of session delete with rule_id
= 268435458 ruleAction = 2 ruleReason = 0
192.168.19.1-53038 > 20.42.0.16-443 6 AS 1-1 I 0 Starting authentication (sfAuthCheckRules
params) with zones 2 -> 2, port 53038 -> 443, geo 14467064 -> 14467082
192.168.19.1-53038 > 20.42.0.16-443 6 AS 1-1 I 0 Retrieved ABP info:
192.168.19.1-53038 > 20.42.0.16-443 6 AS 1-1 I 0 abp src
192.168.19.1-53038 > 20.42.0.16-443 6 AS 1-1 I 0 abp dst
192.168.19.1-53038 > 20.42.0.16-443 6 AS 1-1 I 0 matched auth rule id = 130027046 user_id = 5
realm_id = 3
192.168.19.1-53038 > 20.42.0.16-443 6 AS 1-1 I 0 new firewall session
192.168.19.1-53038 > 20.42.0.16-443 6 AS 1-1 I 0 using HW or preset rule order 2,
'Inside_Outside_Rule', action Allow and prefilter rule 0
192.168.19.1-53038 > 20.42.0.16-443 6 AS 1-1 I 0 HitCount data sent for rule id: 268435458,
192.168.19.1-53038 > 20.42.0.16-443 6 AS 1-1 I 0 allow action
192.168.19.1-57841 > 72.163.47.11-53 17 AS 1-1 I 1 deleting firewall session flags = 0x10001,
fwFlags = 0x102, session->logFlags = 010001
192.168.19.1-57841 > 72.163.47.11-53 17 AS 1-1 I 1 Logging EOF as part of session delete with
rule_id = 268435458 ruleAction = 2 ruleReason = 0
192.168.19.1-57841 > 8.8.8.8-53 17 AS 1-1 I 0 deleting firewall session flags = 0x10001, fwFlags
= 0x102, session->logFlags = 010001
192.168.19.1-57841 > 8.8.8.8-53 17 AS 1-1 I 0 Logging EOF as part of session delete with rule_id
= 268435458 ruleAction = 2 ruleReason = 0
192.168.19.1-64773 > 8.8.8.8-53 17 AS 1-1 I 0 Starting authentication (sfAuthCheckRules params)
with zones 2 -> 2, port 64773 -> 53, geo 14467064 -> 14467082
192.168.19.1-64773 > 8.8.8.8-53 17 AS 1-1 I 0 Retrieved ABP info:
192.168.19.1-64773 > 8.8.8.8-53 17 AS 1-1 I 0 abp src
192.168.19.1-64773 > 8.8.8.8-53 17 AS 1-1 I 0 abp dst
192.168.19.1-64773 > 8.8.8.8-53 17 AS 1-1 I 0 matched auth rule id = 130027046 user_id = 5
realm_id = 3
192.168.19.1-64773 > 8.8.8.8-53 17 AS 1-1 I 0 new firewall session
192.168.19.1-64773 > 8.8.8.8-53 17 AS 1-1 I 0 using HW or preset rule order 2,
'Inside_Outside_Rule', action Allow and prefilter rule 0
192.168.19.1-64773 > 8.8.8.8-53 17 AS 1-1 I 0 HitCount data sent for rule id: 268435458,
192.168.19.1-64773 > 8.8.8.8-53 17 AS 1-1 I 0 allow action
```

Gerelateerde informatie

Remote Access VPN-toegang instellen op FTD beheerde door FDM

<https://www.cisco.com/c/en/us/support/docs/security/anyconnect-secure-mobility-client/215532-configure-remote-access-vpn-on-ftd-manag.html>