

# Hoe kan ik voorkomen dat de ESA een ontvangen header toevoegt aan mijn uitgaande e-mailberichten?

## Inhoud

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### [Inleiding](#)

[Hoe kan ik voorkomen dat de ESA een ontvangen header toevoegt aan mijn uitgaande e-mailberichten?](#)

[Uitschakelen met de UI](#)

[Schakel het gebruik van de CLI uit](#)

### [Verificatie](#)

[Gerelateerde informatie](#)

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## Inleiding

Dit document beschrijft hoe u interne IP-adressen of hostnamen kunt beschermen en verbergen tegen uitgaande e-mailheaders voor e-mails die worden verwerkt via een E-mail security applicatie (ESA).

## Hoe kan ik voorkomen dat de ESA een ontvangen header toevoegt aan mijn uitgaande e-mailberichten?

Een luisteraar wijzigt e-mail die het doorgeeft door een Ontvangen: header toe te voegen op elk bericht. Als u de Geontving: header niet wilt opnemen, kunt u deze uitschakelen met deze optie.

Het uitschakelen van de ontvangen header is een manier om ervoor te zorgen dat uw netwerktopologie niet wordt blootgesteld door de IP-adressen of hostnamen van interne servers te onthullen op berichten die zich buiten uw infrastructuur bevinden. Wees voorzichtig met het uitschakelen van de ontvangen header.

### Uitschakelen met de UI

1. Meld u aan bij uw ESA
2. Navigeren naar netwerk > Luisteraar
3. Selecteer de naam van de luisteraar waarvoor u de ontvangen header wilt uitschakelen
4. Klik op Advanced om de geavanceerde configuratieopties voor de luisteraar uit te schakelen
5. Uitschakelen van ontvangen header toevoegen
6. Klik op Submit (Verzenden)
7. Klik op Commit Changes in de rechterbovenhoek van de UI om uw configuratiewijzigingen op te slaan

Voorbeeld van het bewerken van de luisteraar vanuit de UI:

## Edit Listener

Listener Settings															
Name:	MY_bidirectional														
Type of Listener:	Public														
Interface:	Management TCP Port: 25														
Bounce Profile:	Default														
Disclaimer Above:	None <i>Disclaimer text will be applied above the message body.</i>														
Disclaimer Below:	None <i>Disclaimer text will be applied below the message body.</i>														
SMTP Authentication Profile:	None Note: To use Certificate type Auth profile, please enable TLS on mail flow policies for this listener.														
Certificate:	Cisco ESA Certificate														
SMTP Address Parsing Options:	<table border="1"><tr><td>Address Parser Type:</td><td>Loose</td></tr><tr><td>Allow 8-bit User Names:</td><td><input checked="" type="radio"/> Yes <input type="radio"/> No</td></tr><tr><td>Allow 8-bit Domain Names:</td><td><input checked="" type="radio"/> Yes <input type="radio"/> No</td></tr><tr><td>Allow Partial Domains:</td><td><input checked="" type="radio"/> Yes <input type="radio"/> No Add Default Domain: _____</td></tr><tr><td>Source Routing:</td><td><input checked="" type="radio"/> Strip <input type="radio"/> Reject</td></tr><tr><td>Unknown Address Literals:</td><td><input checked="" type="radio"/> Reject <input type="radio"/> Accept</td></tr><tr><td>Reject These Characters in User Names:</td><td>%!:@</td></tr></table>	Address Parser Type:	Loose	Allow 8-bit User Names:	<input checked="" type="radio"/> Yes <input type="radio"/> No	Allow 8-bit Domain Names:	<input checked="" type="radio"/> Yes <input type="radio"/> No	Allow Partial Domains:	<input checked="" type="radio"/> Yes <input type="radio"/> No Add Default Domain: _____	Source Routing:	<input checked="" type="radio"/> Strip <input type="radio"/> Reject	Unknown Address Literals:	<input checked="" type="radio"/> Reject <input type="radio"/> Accept	Reject These Characters in User Names:	%!:@
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Advanced:	<table border="1"><tr><td>Maximum Concurrent Connections:</td><td>50</td></tr><tr><td>TCP Listen Queue Size:</td><td>50</td></tr><tr><td>CR and LF Handling:</td><td><input checked="" type="radio"/> Clean messages of bare CR and LF characters <input type="radio"/> Reject messages with bare CR or LF characters <input type="radio"/> Allow messages with bare CR or LF characters (DEPRECATED)</td></tr><tr><td><input checked="" type="checkbox"/> Add Received Header</td><td></td></tr><tr><td><input checked="" type="checkbox"/> Use SenderBase IP Profiling</td><td></td></tr><tr><td>Timeout for Queries:</td><td>5</td></tr></table>	Maximum Concurrent Connections:	50	TCP Listen Queue Size:	50	CR and LF Handling:	<input checked="" type="radio"/> Clean messages of bare CR and LF characters <input type="radio"/> Reject messages with bare CR or LF characters <input type="radio"/> Allow messages with bare CR or LF characters (DEPRECATED)	<input checked="" type="checkbox"/> Add Received Header		<input checked="" type="checkbox"/> Use SenderBase IP Profiling		Timeout for Queries:	5		
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Schakel het gebruik van de CLI uit

In het volgende voorbeeld wordt getoond hoe u de toevoeging van de ontvangen header voor alle uitgaande mail kunt uitschakelen:

<#root>

myesa.local>

listenerconfig

Currently configured listeners:

1. InboundMail (on Management, 172.16.6.165) SMTP TCP Port 25 Public

Choose the operation you want to perform:

- NEW - Create a new listener.
- EDIT - Modify a listener.
- DELETE - Remove a listener.
- SETUP - Change global settings.

[]>

edit

Enter the name or number of the listener you wish to edit.

[]>

1

Name: InboundMail

Type: Public

Interface: Management (172.16.6.165/24) TCP Port 25

Protocol: SMTP

Default Domain: <none configured>

Max Concurrent Connections: 50 (TCP Queue: 50)

Domain Map: Disabled

TLS: No

SMTP Authentication: Disabled

Bounce Profile: Default

Use SenderBase For Reputation Filters and IP Profiling: Yes

Footer: None

Heading: None

SMTP Call-Ahead: Disabled

LDAP: Off

Choose the operation you want to perform:

- NAME - Change the name of the listener.
- INTERFACE - Change the interface.
- CERTIFICATE - Choose the certificate.
- LIMITS - Change the injection limits.
- SETUP - Configure general options.
- HOSTACCESS - Modify the Host Access Table.
- RCPTACCESS - Modify the Recipient Access Table.
- BOUNCECONFIG - Choose the bounce profile to use for messages injected on this listener.
- MASQUERADE - Configure the Domain Masquerading Table.
- DOMAINMAP - Configure domain mappings.

[]>

setup

Listener InboundMail Options

Default Domain: <none configured>  
Add "Received:" Header: Yes  
Clean messages of bare CR/LF: Yes  
Enable SenderBase Reputation Filters and IP Profiling: Yes  
SenderBase query timeout: 5  
SenderBase per-connection timeout: 20  
Footer Attachment: <none configured>  
Heading Attachment: <none configured>  
Address Parser Type: Loose

Choose the operation you want to perform:

- DEFAULTDOMAIN - Configure a default domain name.
- RECEIVED - Set whether or not a Received: header is added.
- CLEANSMTMP - Set whether or not to repair bare CR and LF in messages.
- SENDERBASE - Set SenderBase options.
- FOOTER - Configure to add a footer to every message.
- HEADING - Configure to add a heading to every message.
- ADDRESS - Configure email address restrictions.

[ ]>

received

Would you like the system to add a "Received:" header to each message received on this listener? [Y]>

n

Listener InboundMail Options

Default Domain: <none configured>  
Add "Received:" Header: No  
Clean messages of bare CR/LF: Yes  
Enable SenderBase Reputation Filters and IP Profiling: Yes  
SenderBase query timeout: 5  
SenderBase per-connection timeout: 20  
Footer Attachment: <none configured>  
Heading Attachment: <none configured>  
Address Parser Type: Loose

Choose the operation you want to perform:

- DEFAULTDOMAIN - Configure a default domain name.
- RECEIVED - Set whether or not a Received: header is added.
- CLEANSMTMP - Set whether or not to repair bare CR and LF in messages.
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[ ]>

Name: InboundMail  
Type: Public  
Interface: Management (172.16.6.165/24) TCP Port 25  
Protocol: SMTP  
Default Domain: <none configured>  
Max Concurrent Connections: 50 (TCP Queue: 50)  
Domain Map: Disabled  
TLS: No

SMTP Authentication: Disabled  
Bounce Profile: Default  
Use SenderBase For Reputation Filters and IP Profiling: Yes  
Footer: None  
Heading: None  
SMTP Call-Ahead: Disabled  
LDAP: Off

Choose the operation you want to perform:

- NAME - Change the name of the listener.
- INTERFACE - Change the interface.
- CERTIFICATE - Choose the certificate.
- LIMITS - Change the injection limits.
- SETUP - Configure general options.
- HOSTACCESS - Modify the Host Access Table.
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Currently configured listeners:

1. InboundMail (on Management, 172.16.6.165) SMTP TCP Port 25 Public

Choose the operation you want to perform:

- NEW - Create a new listener.
- EDIT - Modify a listener.
- DELETE - Remove a listener.
- SETUP - Change global settings.

[ ]>

myesa.local>

**commit**

Please enter some comments describing your changes:

[ ]>

**listenerconfig, removed received header configuration**

Do you want to save the current configuration for rollback? [Y]>

## Verificatie

Tijdens uitgaande of relay berichtenverwerking, voordat de berichtenverwerking op de ESA is voltooid, zult u merken dat de eerste hop "Ontvangen" header wordt ingevoegd in de volledige postkoppen van een bericht, zoals hieronder gemarkeerd:

X-IronPort-Anti-Spam-Filtered: true

X-IronPort-Anti-Spam-Result: Ap8BAHDK410sEAYB/2dsb2JhbAANTbIvAwaBD4YI1yGJE4UaISJDA1yIegGt0oJpjVAKGYEahR

X-IPAS-Result: Ap8BAHDK410sEAYB/2dsb2JhbAANTbIvAwaBD4YI1yGJE4UaISJDA1yIegGt0oJpjVAKGYEahREXhXyJbYMZgRwB

X-IronPort-AV: E=Sophos;i="5.01,819,1400040000";  
d="scan'208";a="215"  
Received: from unknown (HELO [172.16.6.1]) ([172.16.6.1]) by myesa\_2.local  
with ESMTP; 07 Aug 2014 14:54:46 -0400  
From: End User <end\_user@domain.com>  
Subject: HELLO - received header [BEFORE listenerconfig]  
Message-ID: <C78097B1-BD05-48BE-902C-9D692D344D5B@gmail.com>  
Date: Thu, 7 Aug 2014 14:54:50 -0400  
To: <end\_recipient@domain.com>  
MIME-Version: 1.0 (Mac OS X Mail 7.3 \ (1878.6\))  
X-Mailer: Apple Mail (2.1878.6)  
Return-Path: end\_user@domain.com  
X-MS-Exchange-Organization-AuthSource: xxx-yyy-000.domain.com  
X-MS-Exchange-Organization-AuthAs: Internal  
X-MS-Exchange-Organization-AuthMechanism: 10  
Content-type: text/plain;  
charset="US-ASCII"  
Content-transfer-encoding: 7bit

BEFORE listenerconfig

Zodra dit is ingesteld op het niveau van de luisteraar om de "Ontvangen" header niet toe te voegen, zal deze niet aanwezig zijn in de volledige e-mailheaders van een bericht:

X-IronPort-Anti-Spam-Filtered: true  
X-IronPort-Anti-Spam-Result: Ap8BAAnM410sEAYB/2dsb2JhbAANTbIwAwaBD4YIlyGJFIUaISJDA1w6iEABrT2CaY1SChmBGor  
X-IPAS-Result: Ap8BAAnM410sEAYB/2dsb2JhbAANTbIwAwaBD4YIlyGJFIUaISJDA1w6iEABrT2CaY1SChmBGorURF4V8jQaBHAWs  
X-IronPort-AV: E=Sophos;i="5.01,819,1400040000";  
d="scan'208";a="216"  
From: End User <end\_user@domain.com>  
Subject: HELLO - received header [AFTER listenerconfig]  
Message-ID: <F1AEEE6E-BB0A-42BF-9FD0-775AAF25ACAC@gmail.com>  
Date: Thu, 7 Aug 2014 14:58:36 -0400  
To: "End User (end\_recipient)" <end\_recipient@domain.com>  
MIME-Version: 1.0 (Mac OS X Mail 7.3 \ (1878.6\))  
X-Mailer: Apple Mail (2.1878.6)  
Return-Path: end\_user@domain.com  
X-MS-Exchange-Organization-AuthSource: xxx-yyy-000.domain.com  
X-MS-Exchange-Organization-AuthAs: Internal  
X-MS-Exchange-Organization-AuthMechanism: 10  
Content-type: text/plain;  
charset="US-ASCII"  
Content-transfer-encoding: 7bit

AFTER listenerconfig

## Gerelateerde informatie

- [Cisco e-mail security applicatie – eindgebruikershandleiding](#)
- [Technische ondersteuning en documentatie – Cisco Systems](#)

## Over deze vertaling

Cisco heeft dit document vertaald via een combinatie van machine- en menselijke technologie om onze gebruikers wereldwijd ondersteuningscontent te bieden in hun eigen taal. Houd er rekening mee dat zelfs de beste machinevertaling niet net zo nauwkeurig is als die van een professionele vertaler. Cisco Systems, Inc. is niet aansprakelijk voor de nauwkeurigheid van deze vertalingen en raadt aan altijd het oorspronkelijke Engelstalige document ([link](#)) te raadplegen.