➢ Trustwave[®]

CONFIGURATION GUIDE

Using MailMarshal Cloud with Exchange Server

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About This Document

This document is for the use of email administrators who are using Trustwave MailMarshal Cloud to accept and filter messages from the Internet, and Microsoft Exchange 2013 or 2016 to host user mailboxes.

The same ideas can be used to configure other versions of Microsoft Exchange, and other premises mail servers.

1 Trustwave MailMarshal Cloud with Exchange Server

In this scenario, the organization hosts user mailboxes on a premises Microsoft Exchange server. The organization uses the Trustwave MailMarshal Cloud service to provide filtering of spam and malware, and other policy controls for both inbound and outbound messages.



2 Networking and DNS Setup



Note: The settings you enter in this step depend on the regional instance of MailMarshal Cloud configured for your customer account when provisioned. For details of the configuration data required, see MailMarshal Cloud Knowledgebase article Q21095, <u>MailMarshal Cloud</u> Connection Details.

In most cases MX records are updated when you are ready to direct email into the new environment (after all other configuration is complete).

- 1. Configure MX records for all your local domains to point to the Trustwave MailMarshal Cloud environment:
- 2. Add the MailMarshal Cloud server to your SPF record.
- 3. Ensure that any firewalls or SMTP proxy servers are configured to allow email traffic to and from MailMarshal Cloud.

3 Provisioning Trustwave MailMarshal Cloud

Trustwave Provisioning or Managed Security Services must configure MailMarshal Cloud to accept and deliver email for your domains.

- 1. MailMarshal Cloud will deliver email incoming for your managed domains to your local server. Provide the delivery details to Trustwave.
- 2. MailMarshal Cloud will accept email relaying (messages sent to other domains "from" your managed domains) based on the configured inbound delivery addresses.

4 Configuring Exchange Server

You will set up two connectors to route email between MailMarshal Cloud and Exchange Server.

To complete this step, you must have access to the Exchange Admin Center for the premises Exchange environment.

To create connectors in Exchange:

- 1. Log in to the Exchange Admin Center.
- 2. Click mail flow.

					_ D X
	?ExchClientVer=15 🖉 🗸	😫 Certificate e	rror 🖒 👒 send connectors - Microsof	×	10 ★ \$3
Enterprise Office 365					Administrator 👻 ? 👻
Exchange admin cer	nter				
recipients	rules delivery re	ports acce	pted domains email address	policies receive o	connectors
permissions	send connectors	b			
compliance management	+/=2…				
organization	NAME		STATUS		
protection	Tł	nere are no items	to show in this view.		
mail flow					
mobile					
public folders					
unified messaging					
servers					
hybrid					
tools					
		0 select	ed of 0 total		

4.1 Set up a connector to send outgoing messages through MailMarshal Cloud

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Note: These instructions assume that no Send connectors are configured in Exchange.

If you have configured a Send connector, you may prefer to edit the existing connector, or remove it and create a new one.

- 1. On the Mail Flow window, click send connectors.
- 2. To start the Connector wizard, click the plus symbol +.

3. Give the connector a name, and choose type **Custom**.

Send Connector - Internet Explorer
now sand connector
new send connector
Create a Send connector.
There are four types of send connectors. Each connector has different permissions and network settings. Learn more
*Name:
Send to SEG Cloud
Type: © Custom (For example, to send mail to other non-Exchange servers) ○ Internal (For example, to send internet mail) ○ Internet (For example, to send internet mail) ○ Partner (For example, to route mail to trusted third-party servers)
Next Cancel

- 4. Click Next.
- 5. Choose to Route mail through smart hosts.
- 6. Enter the MailMarshal Cloud FQDN. For details of the configuration data required, see MailMarshal Cloud Knowledgebase article Q21095, <u>MailMarshal Cloud Connection Details</u>.

Send to SEG general • delivery scoping *Network settings: Specify how to send mail with this connector. Specify how to send mail with this connector. Specify how to send with recipient domain • Route mail through smart hosts	e	Exchange Send Connector - Internet Explorer			x
Offer basic authentication only after starting TLS "User name: "Password: Note: all smart hosts must accept the same username and	Send to SEG general • delivery scoping	*Network settings: Specify how to send mail with this connector. MX record associated with recipient domain Route mail through smart hosts + / - SMART HOST SMART HOST Smart host authentication: None None Smart function:			<
Save Cancel		Offer basic authentication only after starting TLS "User name: "Password: Note: all smart hosts must accept the same username and Sav	ve	Cancel	~

7. Click Next.

- 8. On the **Authentication** window, select **None** and then click **Next**. Authentication is not required, because MailMarshal Cloud will only accept outgoing messages from the servers you specified in your provisioning request.
- 9. On the **Address Space** window, click + to add an entry. To deliver all outgoing mail through MailMarshal Cloud, enter * (all domains), and then click **Save**.

add domain	
*Type: SMTP	
*Full Qualified Domain Name (FQDN):	
*Cost:	
1	
Save Cancel	

10. The result displays on the parent window.

ê	Send Connector - Int	ernet Explorer	_ D X
new send c	onnector		
A Send connector address space or	r routes mail to a specified list of domains. These d a custom type. Learn more	omains can be an SMTP	
*Address space: Specify the addre	ss space or spaces to which this connector will rou	e mail.	
ТУРЕ	DOMAIN	COST	
SMTP	•	1	
Scoped send	connector		
		Back Next	Cancel
			a 100% 🗸

11. Click Next.

12. On the **Source Server** window, add the servers you want to send outbound mail through MailMarshal Cloud (generally all eligible servers in the environment).

ê	Send Connector -	Internet Explorer	_ D X
new send co	onnector		
A send connector Learn more	sends mail from a list of servers with transpor	t roles or Edge Subscriptions.	
*Source server: Associate this com add Edge Subscrip	nector with the following servers containing tr tions to this list.	ansport roles. You can also	
SERVER	SITE	ROLE	
WIN-2KEEOH	doc.example.local/Configuration/Sites/De	fault-Fi Mailbox	Cancel
		DdUK FINISN	Cancel
			€ 100% ▾

13. Click Finish.

4.2 Set up a connector to accept incoming messages from MailMarshal Cloud

The steps to accept incoming messages are similar to those for outgoing messages.



Note: These instructions assume that no Receive Connectors are configured in Exchange.

In many cases a "Default Frontend" connector will be configured and bound to all IPv4 addresses. You will not be able to create a new connector bound to the same IP addresses as an existing connector. You might prefer to edit the existing connector to use the Remote Address Settings, or remove it and create a new one.

When you set up a connector as described in this section, Exchange Server will ONLY accept incoming SMTP messages that are sent from the MailMarshal Cloud servers at the IP addresses you specify. Messages from any other source will be refused. This is the correct setup to ensure all incoming traffic is scanned.

- 1. On the Mail Flow window, click receive connectors.
- 2. To start the Connector wizard, click the plus symbol +.

3. On the Name window, enter a name and choose **Partner** connector. Click Next.

C Receive Connector - Internet Explorer	_ 🗆 X
new receive connector	
This wizard will create a Receive connector.	
There are five types of Receive connectors. Each connector has different permissions and authentication methods. Learn more	
*Name:	
Accept from SEG Cloud	
Server:	
WIN-2KEE0HOFMM6.doc.example.local	
Role:	
Fub Transport	
Type:	
Custom (For example, to allow application relay)	
O Internal (For example, to receive intranet mail)	
Destance (For example, to receive internet main)	
Partner (For example, to route mail from trusted third-party servers)	
Client (For example, to receive mail from hon-Outlook clients)	
Next	Cancel
	🔍 100% 🔻 💡

4. On the Network adapter bindings window, specify the IPv4 addresses where you want to accept mail from MailMarshal Cloud. In most cases you can select **All available IPv4** and port **25**. Click **Next**.

é	Receive Con	nector - Internet Explorer	_ □ ×
new receive connector			
A Receive connector can bind to a servers that have multiple network	oarticular network ad adapters. Learn more	apter. This is particularly useful for	
*Network adapter bindings: Specify the IP addresses and port o	f the network adapte	r to bind to the receive connector.	
IP ADDRESSES		PORT	
(All available IPv4)		25	
		Back Next	Cancel
			🔍 100% 👻 📑

5. On the **Remote network** settings window, select the default entry and then click the – symbol to remove it. Click + to add an IP address.

6. On the **Remote Address Settings** window, enter the IP address range of the Trustwave MailMarshal Cloud servers and then click **Save**. For details of the configuration data required, see MailMarshal Cloud Knowledgebase article Q21095, <u>MailMarshal Cloud Connection Details</u>.

Remote Address Settings Webpage	Dialog ×
add IP address	
Specify an IPv4 address, IPv6 address, IP address range, or IP address in CIDR notation. *Example: 10.5.3.2; 10.3.1.1-10.3.3.5; 3d:5e:22:51::; 10.3.1.5/24.	IP addresses must be specified in the format
204.13.200.0/22	
	Save Cancel

7. Repeat until you have added all required ranges for your instance.



Note: The US instance of MailMarshal Cloud uses a single range with CIDR /22. Because Exchange Online only allows ranges with /24 or higher, you must enter four ranges to cover the required addresses.

8. Click **Finish** to save the connector.

C Receive Connector - Internet Exp	lorer	_ 🗆 X
new receive connector		
A receive connector can accept mail from a range of IP addresses. Learn more		
*Remote network settings: Receive mail from servers that have these remote IP addresses.		
IP ADDRESSES		
204.13.200.0/22		
Back	Finish	Cancel
		@ 1009/
		≪ 100% ▼

5 Set up the MailMarshal Connector Agent for your Active Directory

The Connector Agent is an optional module of MailMarshal Cloud that allows you to retrieve information about local user groups and email addresses from your Active Directory server or LDAP server, for use in MailMarshal Cloud policy.

For full instructions about how to download, install, and configure the Connector Agent, refer to the MailMarshal Cloud Customer Guide



Tip: You can also use the Connector Agent with Azure AD. For details, see the document *Using Trustwave MailMarshal Cloud with Exchange Online*.

About Trustwave

Trustwave helps businesses fight cybercrime, protect data and reduce security risk. With cloud and managed security services, integrated technologies and a team of security experts, ethical hackers and researchers, Trustwave enables businesses to transform the way they manage their information security and compliance programs. More than three million businesses are enrolled in the Trustwave TrustKeeper® cloud platform, through which Trustwave delivers automated, efficient and cost-effective threat, vulnerability and compliance management. Trustwave is headquartered in Chicago, with customers in 96 countries. For more information about Trustwave, visit https://www.trustwave.com.