**MAILCLEANER / EXCHANGE 2013-2016
DEPLOYMENT GUIDE**

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mailcleaner

www.mailcleaner.net

1 MailCleaner / Exchange Deployment Guide

Exchange 2013 and 2016 can be configured for recipient address lookup (Callout), allowing to reject any invalid recipient addresses.

Exchange does not natively reject invalid addresses during the SMTP connection. This can cause problems for MailCleaner customers who select the SMTP Callout option.

However, Exchange 2013 and 2016 can be configured to reject invalid addresses, resulting in a "550 5.5.1 User unknown" error. MailCleaner, in turn, can bounce these messages. This will protect the infrastructure against Denial of Services and the user count will reflect only valid addresses in the system.

To configure this ability on the Exchange server, follow the directions below.

WARNING: These instructions apply to Exchange 2013 and 2016 only.

Exchange configuration

The first step is to verify that the Anti-spam feature is activated. It is done through the Exchange Management Shell

Get-transportAgent

The "Recipient Filter Agent" is missing and need to be added like this:

```
& $Env:ExchangeInstallPath\Scripts\Install-AntiSpamAgents.ps1
```

After activation of the AntiSpam feature execute again the command:

Get-transportAgent

to verify that the Recipient Filtering is available and enabled

If available but disabled, it need to be activated with:

```
Enable-TransportAgent "Recipient Filter Agent"
```

Now a restart of the Exchange Transport is needed.

To verify that the accepted domains use the AddressBook to verify existing recipients. It is normally the default when an Exchange has been defined as mail server authority for one domain. To verify that, just type the following command:

```
Get-AcceptDomain | Format-List Name, AddressBookEnable
```

And verify if the list of all domains appears. If not activate it with the command:

```
Get-AcceptDomain | Format-List Name, AddressBookEnable
```

Now a restart of the Exchange Transport is needed.

Now it probably does not work because the validation is not activated. Type the following command to verify:

```
Get-RecipientFilterConfig | FL Enabled,RecipientValidationEnabled
```

If the recipient Filter is enabled (True), but the validation is not (False), then activate it with the following command:

```
Set-RecipientFilterConfig –RecipientValidationEnabled $true
```

Then verify again that all is activated by typing:

```
Get-RecipientFilterConfig | FL Enabled,RecipientValidationEnabled
```

It is important to deactivate the filtering for the incoming mails on the Exchange if not already done!

To verify what is activated:

```
Get-ContentFilterConfig | Format-List
```


Now with the following command, the filtering for the incoming email can be deactivated:

```
Set-ContentFilterConfig -ExternalMailEnabled $false
```

Well it's done !!

It is now possible to manually test the Callout through the MailCleaner Admin Interface, in the domain configuration Panel and under "Address verification".