# HowTo

# **Avira SPACE**



Avira Support August 2009

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## What is SPACE ?

#### SPACE: Spam and Phishing Advanced Crossform Engine

SPACE is an interface, which is used for the detection of spam and phishing emails.

SPACE is part of the job "Advanced Spam Filering".

The SPACE engine uses the information form a local data base and different RBL DNS server (real time black lists) for the analysis of emails. The data base is updated periodically

SPACE is activated and deactivated via the job "Advanced Spam Filtering".

aerieral   Addresses   Cor	nditions Actions Server	Details	
Action Settings			
Subject extension:			
Spam Probability: Low	(3069)		
		Low	
Spam Probability: Med	fium (7090)		
Spam Probability: Med	lium (7090)	<u>M</u> edium	-1
Spam Probability: Med	fium (7090)	<u>M</u> edium	
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Spam Probability: Med Spam Probability: High	fium (7090)	<u>M</u> edium H <u>i</u> gh	
Spam Probability: Med Spam Probability: High C Advanced Configuration:	fium (7090)	<u>M</u> edium High	
Spam Probability: Med Spam Probability: High Spam Probability: High Advanced Configuration: Definite Criteria	fium [7090]	<u>M</u> edium High	
Spam Probability: Med Spam Probability: High Spam Probability: High Advanced Configuration: Definite Criteria	fium [7090]  (91100)  Combined Criteria Exchange SCL field	<u>M</u> edium High	





The option SPACE can be activated via the "Combined Criteria" and "Spam (Classification).

Exchange SCL Value	
Relevance of this criteria: SCL HAM/SPAM threshold:	Low 🔹
Avira SPACE results Relevance of this criteria:	Very high
M <sub>1</sub>	

Here the SPACE module is activated or deactivated. In case SPACE is deactivated, the corresponding mail jobs have to be activated.





The "Advanced Spam Filtering" offers different detection levels low, medium and high.

perties of Advanced	spam filtering
ieneral   Addresses   Co	onditions Actions Server Details
- Action Settings Spam Probability: No	one (029)
Spam Probability: Lor	:   [1]
Spam Probability: Me	edium (7090)
Spam Probability: Hig	gh [91100]
Advanced Configuratio	yn:
<u>D</u> efinite Criteria	Combined Criteria
8	- Euclidean CCL Sold
Write spam result in Write spam value in	n mail header field





We recommend you to keep these settings also for the quarantine folders. By this means the email which were declared as spam aren't moved all together in only one default quarantine. With only one standard quarantine folder you don't have a good overview. But first you have to create the different quarantine folders.

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Eile Action View Help		
	12	
Avira AntiVir Exchange (*) Basic Configuration AntiVir Server Folders Quarantines Policy Configuration Mail Transport Jobs Mail Transport Jobs Dob Templates AntiVir Monitor	Name  Default Quarantine  Infected Mails  Information Store Quarantine	Path Default Quarantine Infected Mails information-store-quarantine





### **Quarantine folder**

These folders are created via the option "Basic configuration" and "folder" in the quarantine menu.

You open the quarantine via a simple mouse click.

The default folders are:

- Default quarantine
- Infected emails
- Information store quarantine

In order to create a new folder, go to the free space of the window and click with the left mouse button. A pull down menu appears. Here you can choose "New" and "Quarantine". A new window opens. We recommend you to name the quarantine folders just like the different levels.





2 Quarantine	
<u>N</u> ame:	Quarantine
Eolder Name:	Quarantine
Database connection:	Local database (*.mdb file)
<u>D</u> elete mails after	30 days
Size of body excerpts:	256 bytes
Options:	✓ Include processing logs
	D Quarantine is mission critical





# Notification

You can create the summary reports in this register:

eneral Summary Reports Jobs Details	rties of Quarantii	
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Avira AntiVir Exchange (*) Basic Configuration AntiVir Server Folders Quarantines Policy Configuration Mail Transport Jobs Job Templates AntiVir Monitor	Name  Default Quarantine  Infected Mails  Quarantine  Variation Store Quarantine  Variation	Path Default Quarantine Infected Mails information-store-quarantine Quarantine
4 Quarantines		

The other quarantine folders are created in this order.

# Update of SPACE

SPACE cannot update itself at the moment. The files have to be changed manually. An update is proceeded usually every two month or in case of significant false positives.

The following files are part of the update:

- ➔ Antispam.dll
- ➔ Global\_words.db
- ➔ Settings.db

These files are available on the following link:

http://www.avira.com/en/support/kbdetails.php?id=422





#### Procedure:

After the download of the files the service "AntiVir for Exchange" is stopped. Then the files are copied to the directory:

C:\Programs\Avira\AntiVir Exchange\ Bin\SPACE

or to

C:\Program Files\Avira\AntiVir Exchange\Bin\SPACE

After that the service "AntiVir for Exchange" is restarted. Please, read the above mentioned knowledge base article.