HES-SO Valais Wallis

SMTP Server-Protocol

Digital Team Academy

Dasek Joiakim

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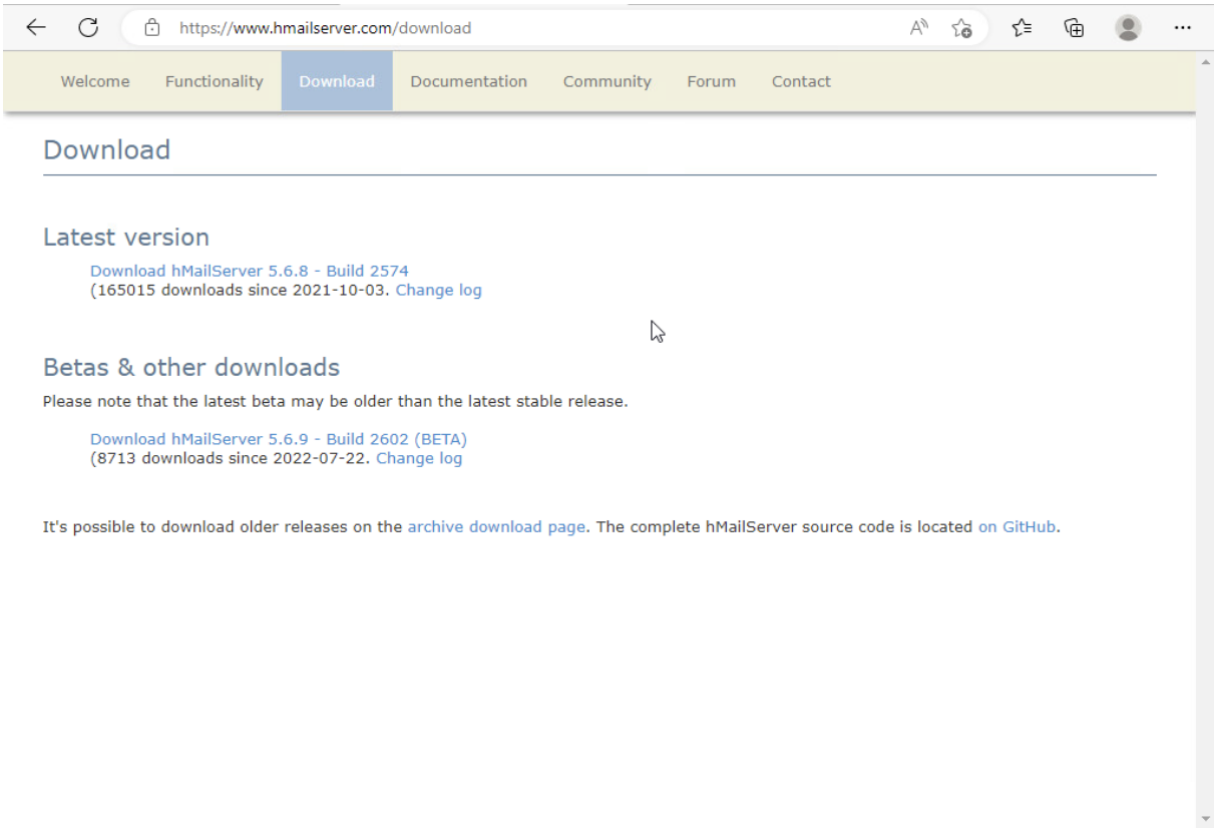
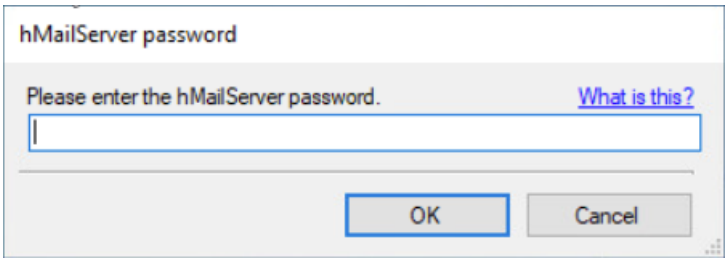
Install SMTP

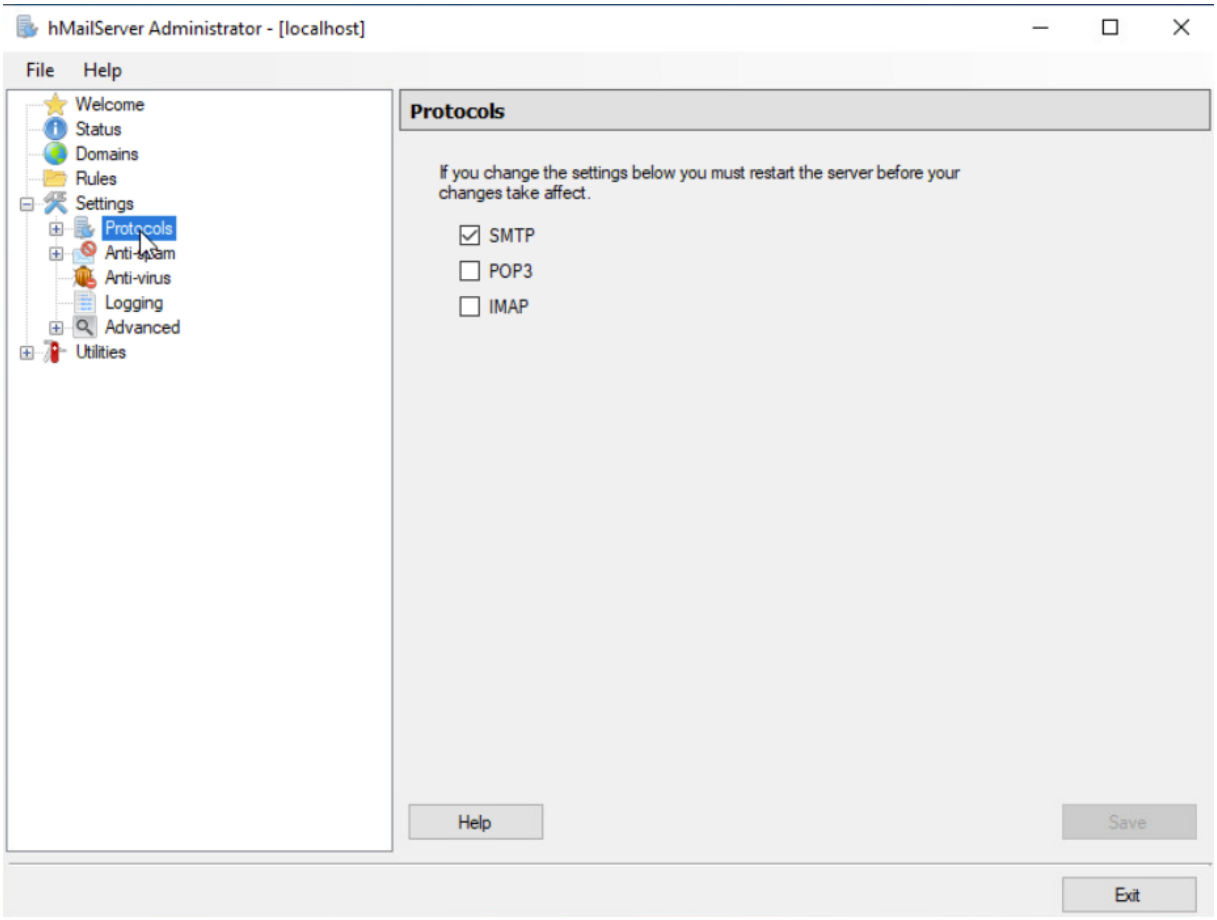
We will install "hmail-server" as the native Windows server functionality does not work properly. HMail-server is an open-source graphical program for setting up an SMTP server. Go to the next page of the following image:



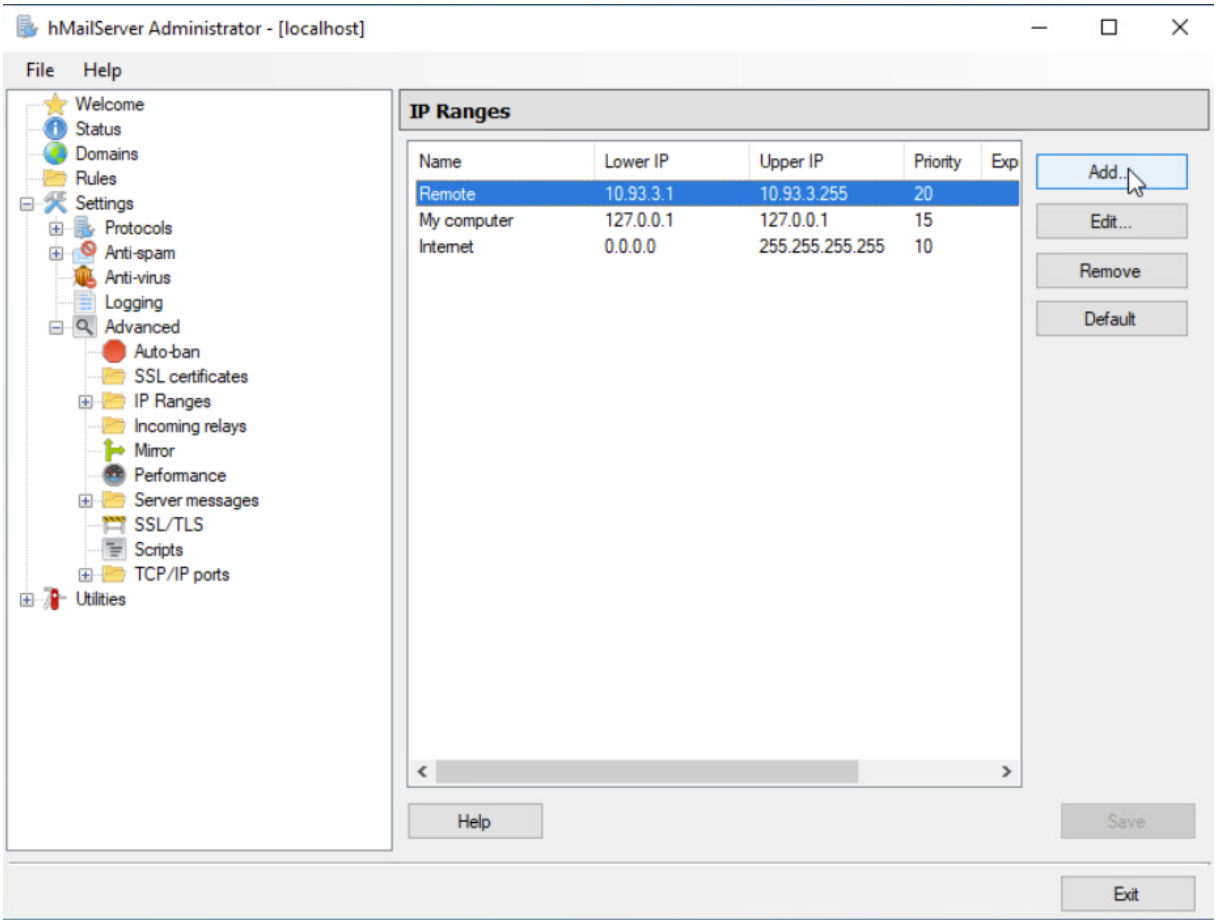
After downloading it, you can launch the installation, nothing very specific. You will have to insert a password to access the administrative interface. Then you can launch the server. The window will ask you for the previously entered password:



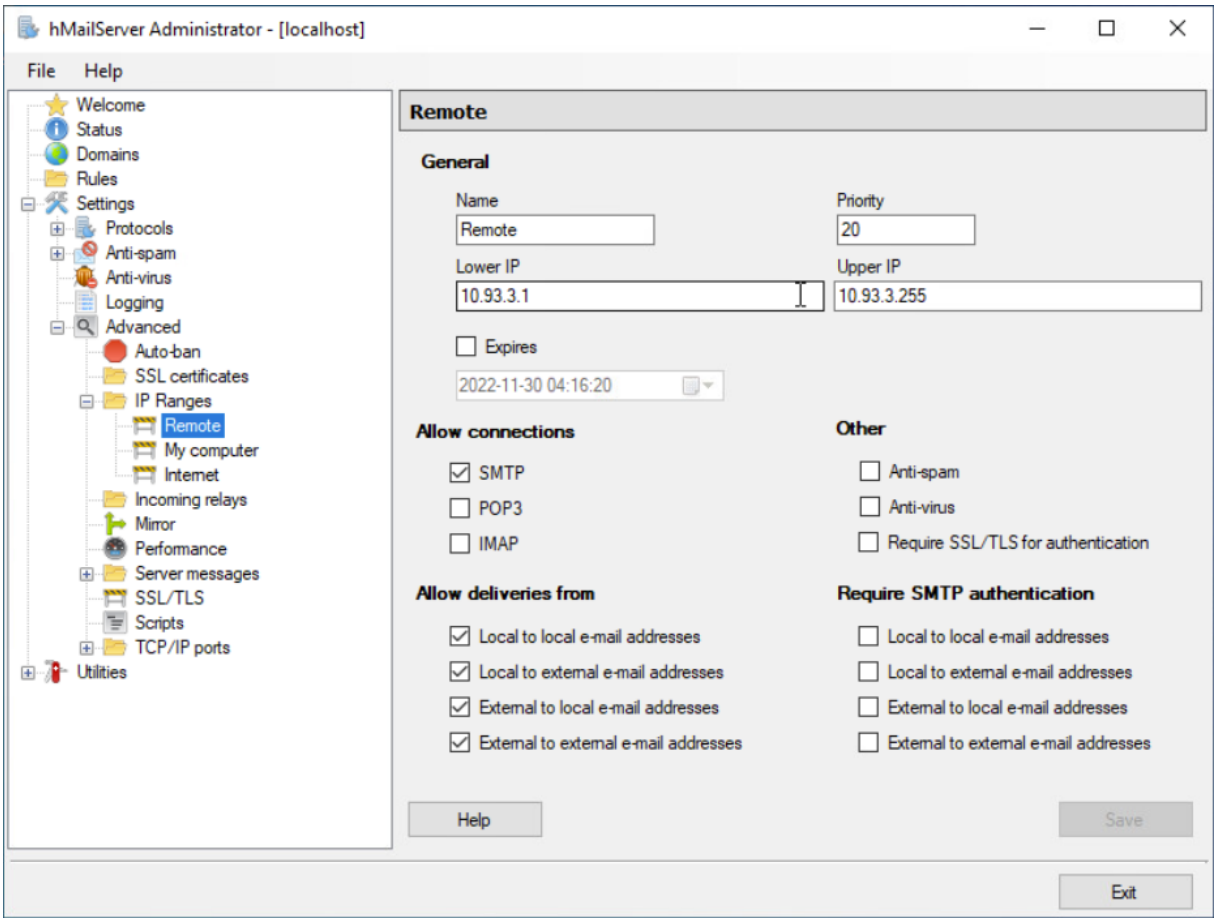
We are going to configure the server as follows, first go to "Settings" then "Protocols". You must check that only "SMTP" is checked:



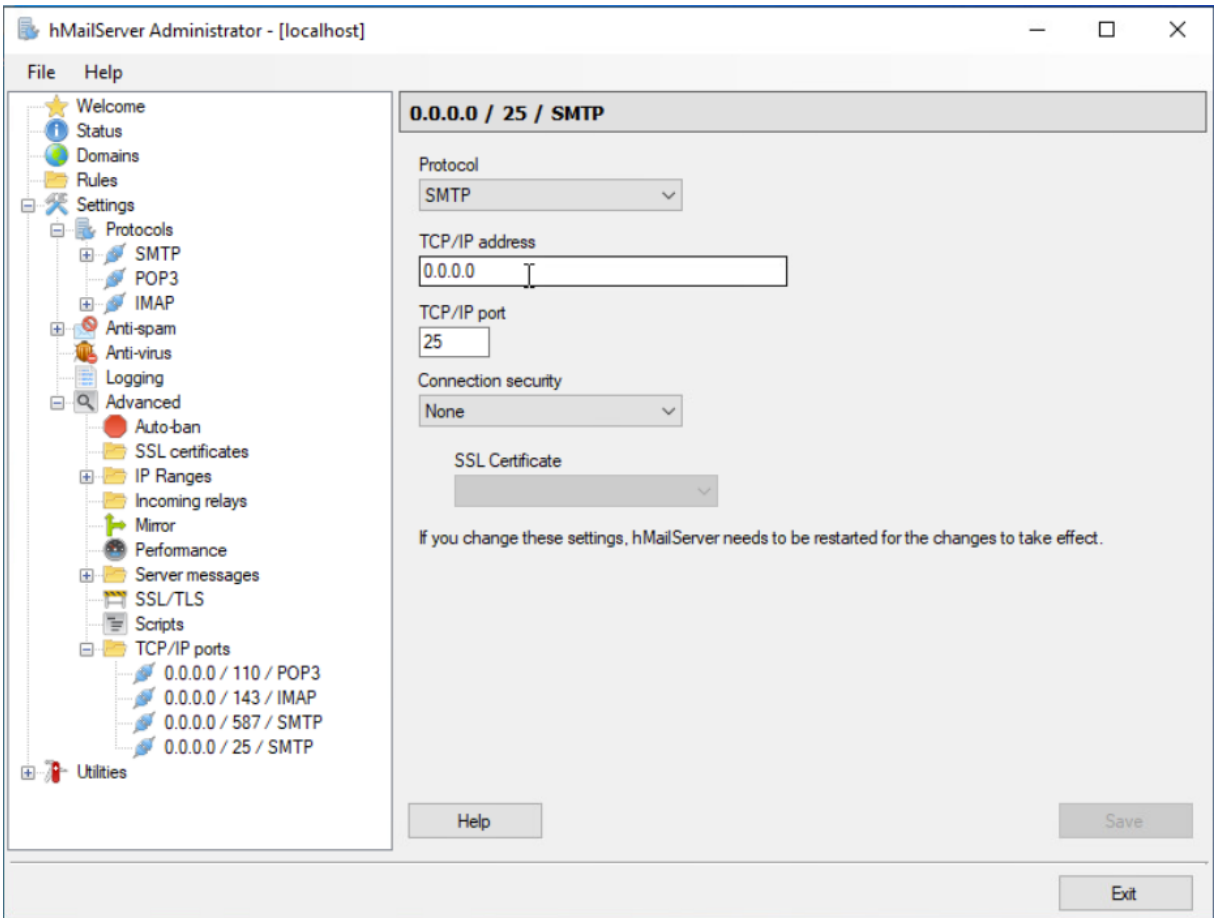
Then we go to "Settings", "Advanced" and finally "IP Ranges" and click on the add button:



We will name it "remote", the "priority" field to 20, "Lower IP" to the IP address of the PuTTY SMTP client and for the "Upper IP" we can enter the same IP address. In the "Allow connections" section we check only "SMTP". In the "Other" section we uncheck all boxes. And in "Require SMTP Authentication" we also uncheck the whole section:

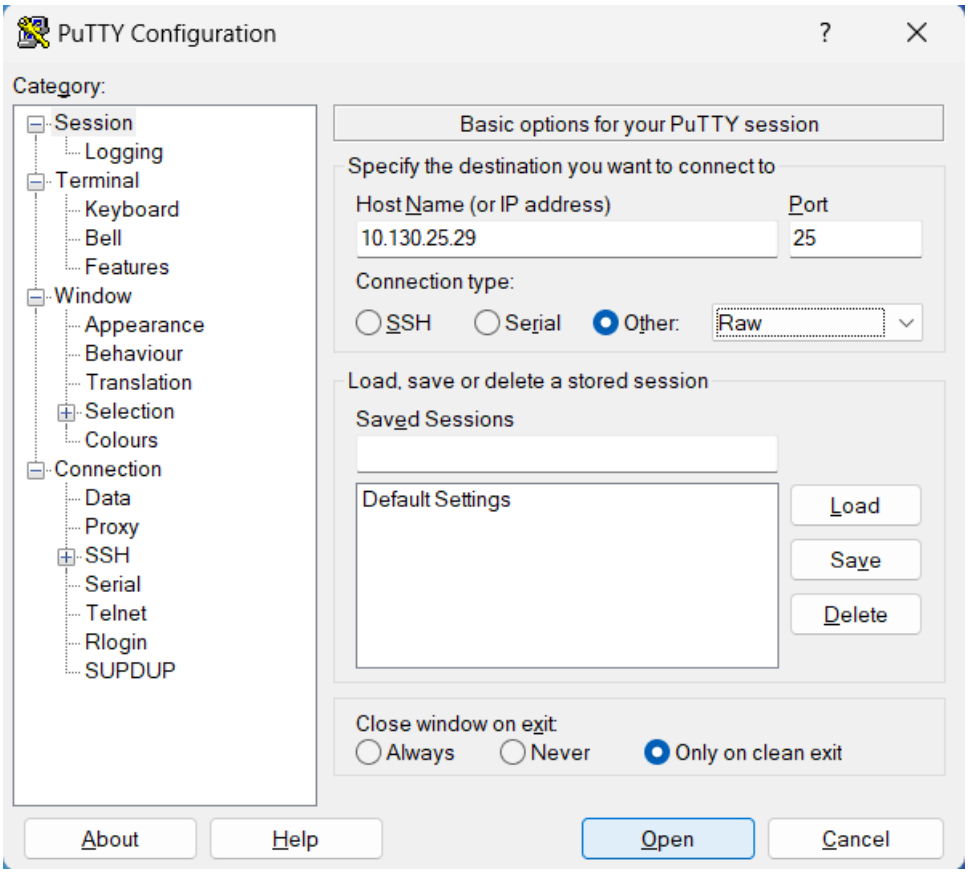


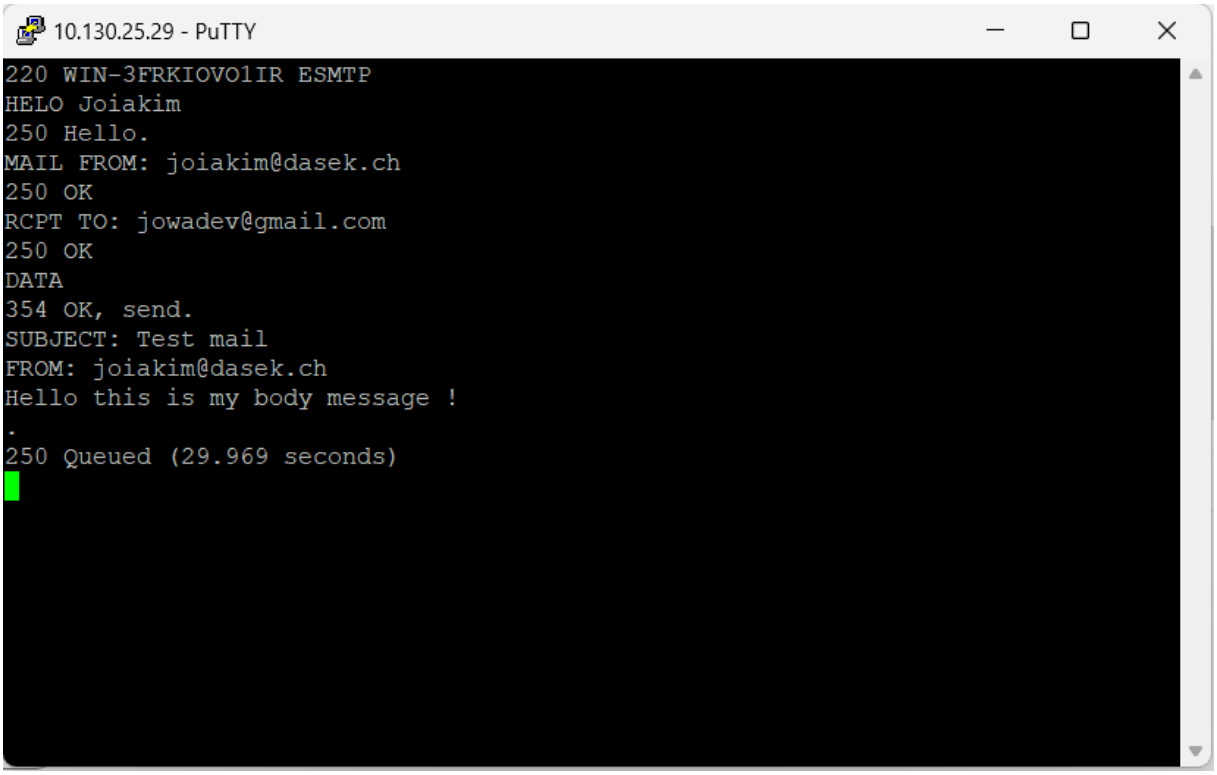
Then in "Settings", "Advanced" and finally "TCP/IP ports" we will change the "0.0.0.0 / 25 / SMTP", we must enter the IP address of the PuTTY client as follows:

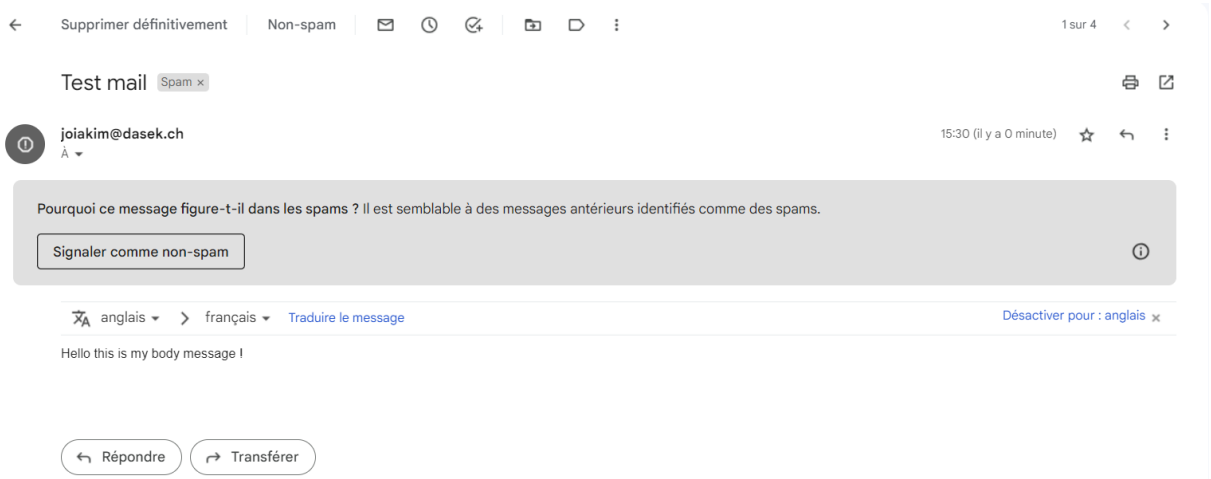


To one recipient

Then we can use "PuTTY" to send an email to a recipient with a dummy email address as follows, the commands do not change from the previous rendering here is how it looks:

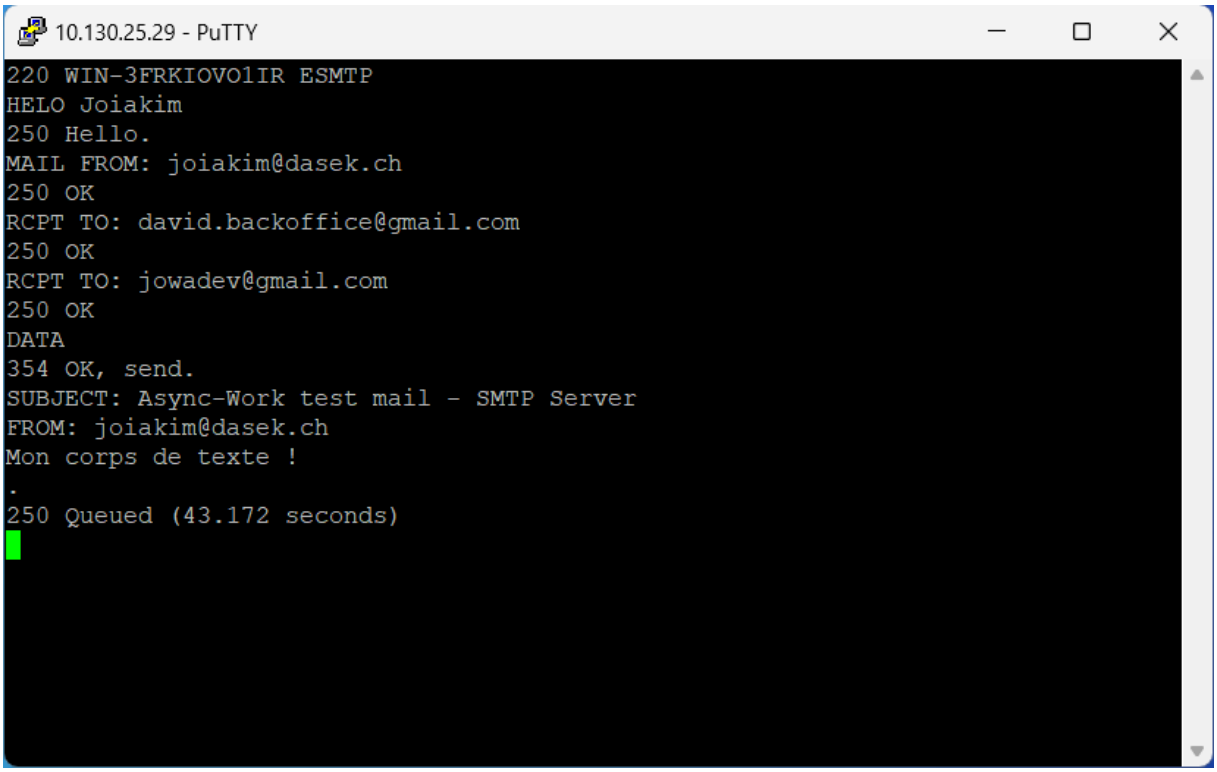

PuTTY Configuration
Category:
Session
Logging
Terminal
Keyboard
Bell
Features
Window
Appearance
Behaviour
Translation
Selection
Colours
Connection
Data
Proxy
SSH
Serial
Telnet
Rlogin
SUPDUP
Basic options for your PuTTY session
Specify the destination you want to connect to
Host Name (or IP address)
Port
10.130.25.29
25
Connection type:
SSH
Serial
Other:
Raw
Load, save or delete a stored session
Saved Sessions
Default Settings
Load
Save
Delete
Close window on exit:
Always
Never
Only on clean exit
About
Help
Open
Cancel

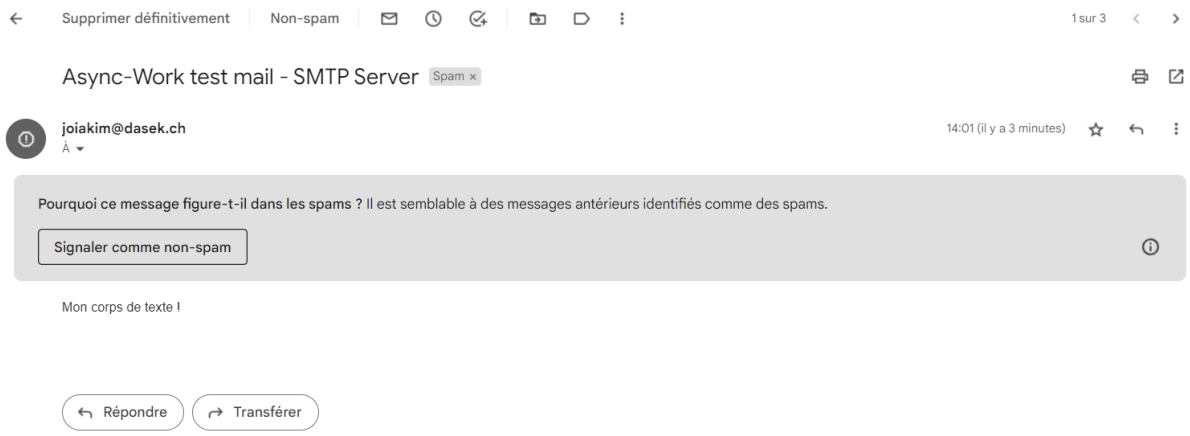

10.130.25.29 - PuTTY
220 WIN-3FRKIOVO1IR ESMTP
HELO Joiakim
250 Hello.
MAIL FROM: joiakim@dasek.ch
250 OK
RCPT TO: jowadev@gmail.com
250 OK
DATA
354 OK, send.
SUBJECT: Test mail
FROM: joiakim@dasek.ch
Hello this is my body message !
.
250 Queued (29.969 seconds)

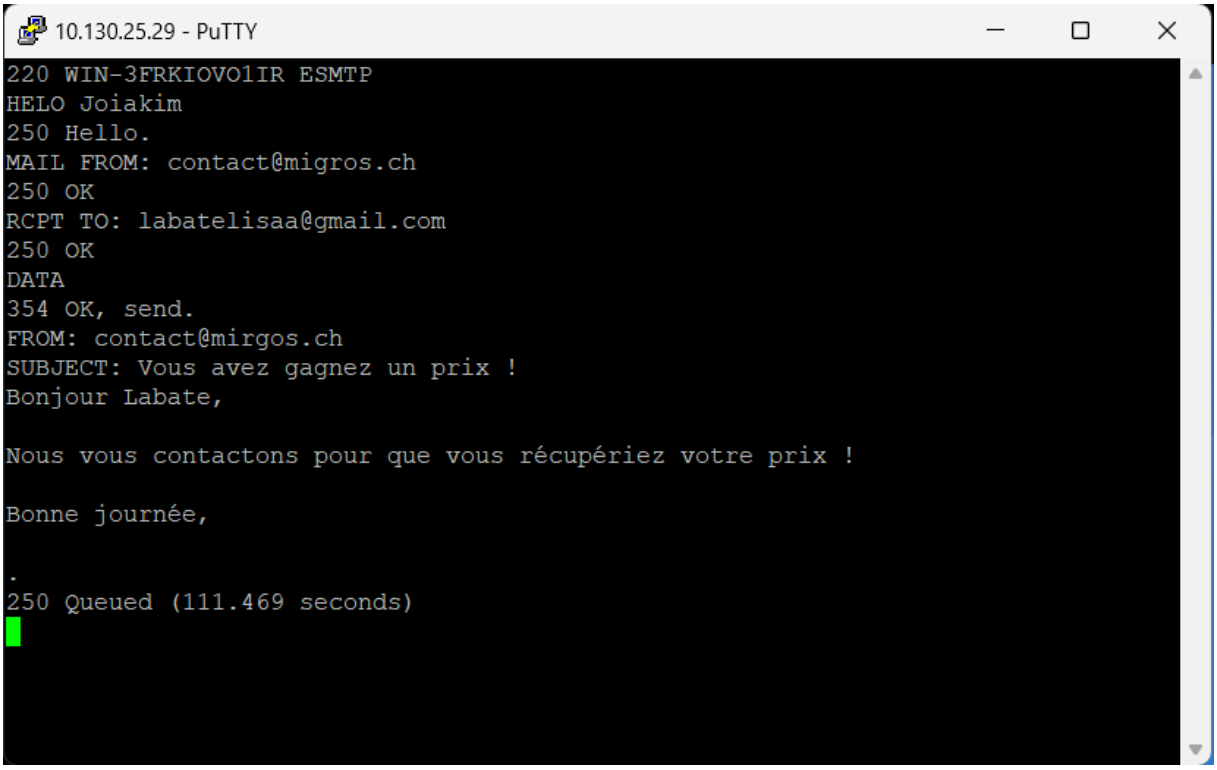


To many recipients

Unlike the previous point, we simply need to add "RCPT TO:" twice, to send it to two recipients:





Joke

I was not very inspired so I sent a simple email that can show the human vulnerability called "social engineering":