

## Google Gmail uses SSL (Secure Socket Layer) for my connection. Can Courier do this?

Courier does not have native SSL support at this time. You can use an SSL tunnel program such as [Stunnel](#), which is free.

These instructions have only been tested in Windows XP Pro SP2 and only with Gmail. Internet Explorer 7.0 is the browser.

To install Stunnel you need to know a few basic functions of running Windows:

- How to be an Administrator (You must be an administrator to accomplish this install)
- How to find a folder in which to save a file

I suggest that you read through the entire tutorial before you begin to install. If you are not familiar with installing software then you should view the Screen Shots indicated by [SS](#) after each step. Experienced users should read the notes near the bottom..

There are 7 simple steps to setup Stunnel (SSL) for Gmail:

1. Install Stunnel
2. Install Stunnel configuration file for Gmail
3. Install Stunnel as a service so it will start on every boot
4. Configure Courier for Gmail through Stunnel
5. Check Courier Properties
6. Reboot or Run Stunnel
7. Enable POP in Gmail

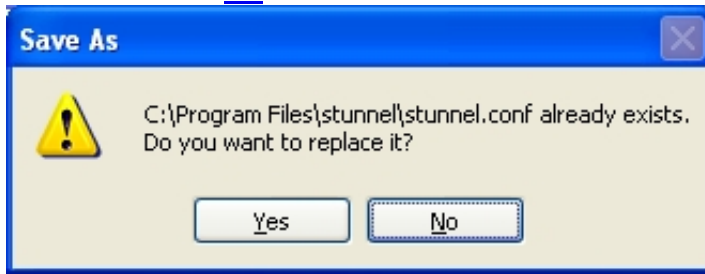
### 1) Click here to download and install [Stunnel 4.20](#) from the Stunnel web site.

- a) A window will pop-up asking **Do you want to run or save this file?** Click on **Run** [SS](#)
- b) You will get a Security Warning: **The publisher could not be verified.**  
**Are you sure you want to run this software?** Click on **Run** [SS](#)
- c) A window will open with the **License Agreement**. Click on **I Agree** [SS](#)
- d) Next is the **Installation Options** window. Both items will be ticked. Click on **Next** [SS](#)
- e) Next is the **Installation Folder** with the default **C:\Program Files\stunnel\** Click on **Install** [SS](#)
- f) Next is a window that says **Setup Complete** Click on **Close** [SS](#)

### 2) Right click here on [Stunnel configuration file](#) then click on **Save Target As...** into **C:\Program Files\Stunnel\** folder

- a) Click on **My Computer** in the **Save As** window
- b) Double click on **Local Disk (C:)** [SS](#)
- c) Double click on **Program Files** [SS](#)
- d) Scroll right until you find **stunnel**

- e) Double click on **stunnel** [SS](#)
- f) Click on **Save** [SS](#)



- g) Click on **Yes**

### 3) You will want to install Stunnel as a service so that it will start automatically when you boot. Click on **Start => All Programs => stunnel => Service install**

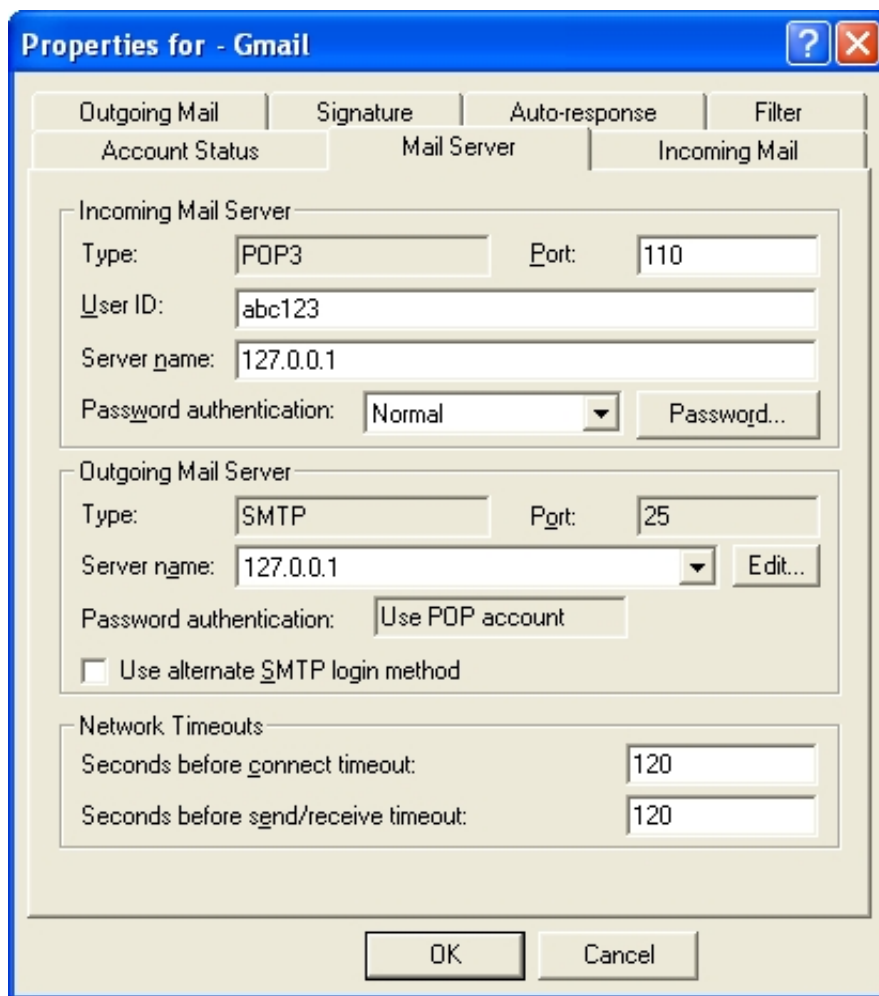
Stunnel is now installed. Next we will configure Courier

### 4) Start Courier

- a) Click **Mailbox => Accounts => Add** to get the Courier account Wizard
- b) Enter a name for this account, suggest **Gmail**
- c) Enter your real name, anything you wish
- d) Enter your Gmail address, **abc123@gmail.com** [SS](#)
- e) Click **Next**
- f) Choose **POP3**
- g) Your User ID on Gmail, **abc123@gmail.com** for example
- h) Incoming mail server is **127.0.0.1** (To connect to Stunnel) [SS](#)
- i) Click **Next**
- j) Password authentication is **Normal**
- k) Enter you password and confirm [SS](#)
- l) Click **Next**
- m) **Incoming Message Action** - your choice [SS](#)
- n) Click **Next**
- o) **Outgoing Mail Server**
- p) Name of SMTP mail server: **127.0.0.1**
- q) Select authentication method **Use POP Account** [SS](#)
- p) Click **Next**
- q) Click **Finish**

### 5) a) Click **Mailbox => Accounts => Properties => Gmail**

- b) Click on **Mail Server** tab
- C) Your Gmail Properties should look like this:



6) Either reboot to start Stunnel or  
Click on **Start => All Programs => stunnel => Run Stunnel**

#### 7) Logon to **gmail.com**

- a) Click on **Settings** (on top right of window)
- b) Click on **Forwarding and POP/IMAP**
- c) Chose **Enable POP for all mail** or **mail that arrives from now on**
- d) Click on **Save changes**

Notes: The KISS (Keep It Simple Stupid) method was used throughout the tutorial with the novice user in mind. Hence the install goes into the default directory but you can use any directory you wish. However, the **stunnel.conf** file must be in the same directory as **stunnel.exe**.

If you wish to save the sample **stunnel.conf** do it right after step 1 as step 2 replaces it with one specific to Gmail.

I used standard ports for incoming and outgoing mail so that any anti-virus program would not need to be changed..

There may be firewall issues. I use Commodo and I had to allow Stunnel to access the Internet. I turned Commodo off and tried the Windows firewall without difficulty.

I made no attempt to configure anti-spam program in this setup.

Below is the contents of the stunnel.conf file:

```
# This Stunnel configuration file is specific to Gmail
# Author: RockFox   Date: 18-NOV-2007
```

#### # GLOBAL OPTIONS

```
client = yes
output = stunnel-log.txt
debug=4
taskbar = yes
```

#### # SERVICE-LEVEL OPTIONS

##### [POP3 (Gmail) Incoming]

```
# Using port 110 so incoming mail will go thru anti-virus program
accept = 127.0.0.1:110
connect = pop.gmail.com:995
```

##### [SMTP (Gmail) Outgoing]

```
# Using port 25 so outgoing mail will go thru anti-virus program
accept = 127.0.0.1:25
connect = smtp.gmail.com:465
```

# An optional second Gmail account (only the last digit of the IP address is changed from 1 to 2)

##### [POP3 (Gmail) Incoming]

```
# Using port 110 so incoming mail will go thru anti-virus program
accept = 127.0.0.2:110
connect = pop.gmail.com:995
```

##### [SMTP (Gmail) Outgoing]

```
# Using port 25 so outgoing mail will go thru anti-virus program
accept = 127.0.0.2:25
connect = smtp.gmail.com:465
```

Contributed to the Courier beta group 17-NOV-2007  
by RockFox at Slippery Rock University of PA USA  
with thanks to Xeno for assistance in the original install.

Fran Hensler  
Slippery Rock University of Pennsylvania

Slippery Rock, PA, 16057-1313 USA

[RockFox](#) [RockFoxy](#)

This [hCard](#) created with the [hCard creator](#).

3302