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Date	2015 / 12 / 4	SR#	
Category	■ FAQ □ SOP	Related OS	Microsoft Windows7
Abstract	How can WebAccess Send Email by Using Gmail Mail Server		
Keyword	WebAccess Outgoing Email (SMTP) Server, WebAccess Incoming Email (POP3) Server		
Related Product	N/A		

■ **Problem Description:**

User is unable to send and receive email by using Gmail Email Server in WebAccess. Gmail's mail always uses a secure SSL-encrypted connection. This causes WebAccess unable to send and receive email through Gmail mail server.

Fails to send email by using smtp.gmail.com

Fails to receive email by using pop.gmail.com


■ **Brief Solution:**

1. User may use 3rd party software Stunnel to solve this problem.
   The Stunnel software is designed to work as a SSL-encrypted connection between mail servers and email clients. Basically, it turns an insecure TCP connection to a secure encrypted connection by using OpenSSL package.

2. Download and install Stunnel:
   Visit Stunnel website and download stunnel-5.24-installer.exe
   https://www.stunnel.org/downloads.html

3. After installation complete, there will be a "Stunnel AllUsers" icon on the desktop.
    Click it to run Stunnel
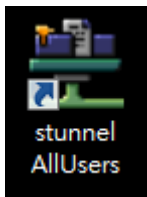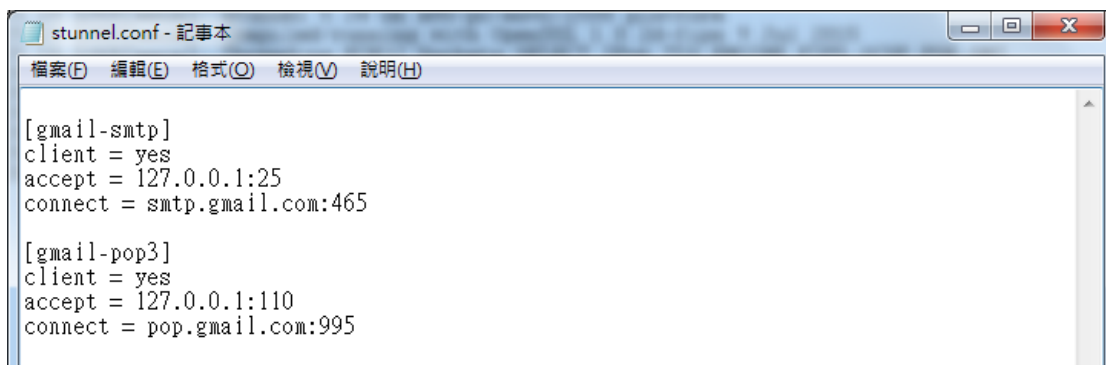

4. Modify stunnel configuration
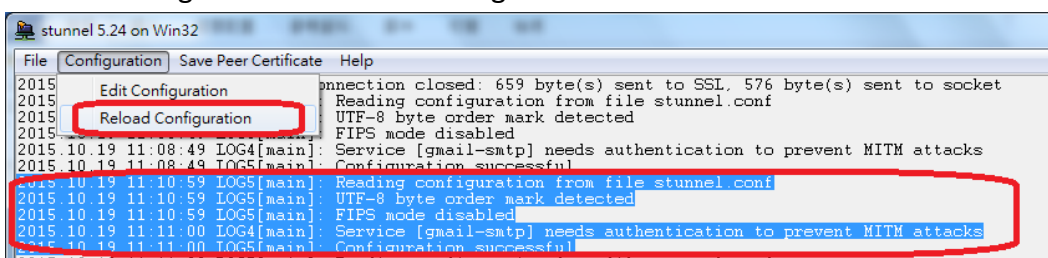   Configuration -> Edit Configuration
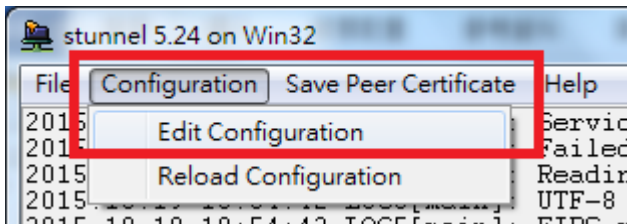
5. Modify stunnel.conf to the following:
    [gmail-smtp]
    client = yes
    accept = 127.0.0.1:25
    connect = smtp.gmail.com:465

    [gmail-pop3]
    Client = yes
    Accept = 127.0.0.1:110
    Connect = pop.gmail.com:995

6. Reload stunnel configuration and make sure it returns "Configuration successful" message
    Reload: Configuration -> Reload Configuration

7. **Important**

   Do not turn off stunnel after successful setup configuration, keep it always runs.

8. **WebAccess SCADA Node SMTP Configuration**

   Outgoing Email (SMTP) Server: 127.0.0.1

   Email Port: 25

9. **WebAccess SCADA Node POP3 Configuration**

10. **Creating a tag with Alarm to send Email**

11. **Download whole project**

12. **User may trigger an alarm in order to check result**