Proofpoint Encryption for Everyone.net Pro510

1   Introduction

Proofpoint Encryption (PE) is introduced into the Everyone.net Pro510 package. This feature became available in May 2013. If you do not have the Pro510 package, the encryption service is not available to you. You will not have the necessary features to encrypt your mail.

2   Mail Client Settings

2.1   SSL Connection

SSL connections is not required, but please see the next section regarding TLS.

2.2   TLS Connection

To ensure your entire message chain is secure from start to finish, please enable your mail client to use TLS. The message chain going from your machine to our SMTP server will not be secure if this is not set.

The TLS setting on your mail client varies between mail clients. It will either be TLS or Start-TLS.

2.2.1   My email client does not support TLS

Without TLS, the connection between your computers to the SMTP server will be sent in plain text. Proofpoint Encryption does not start until you are verified as having encryption, and the message is passed to our SMTP server.

You will need to use an email client that supports TLS, or use our web mail service.
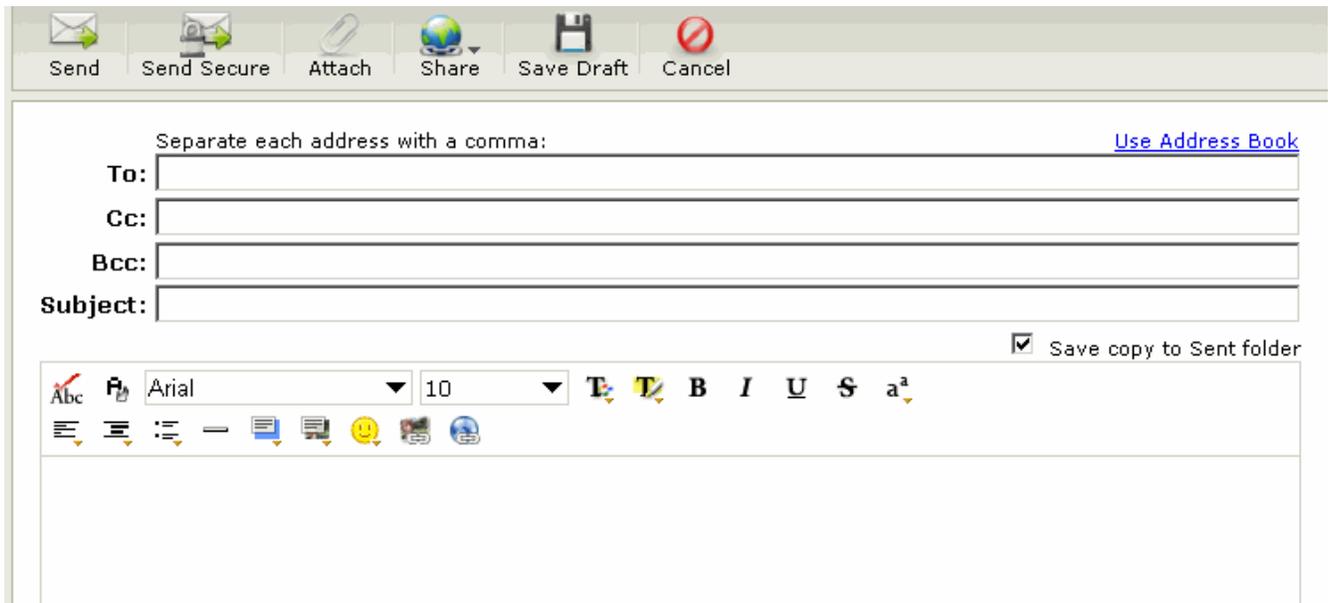
3   Everyone.net Encrypted Sending

3.1   Web Mail

The Everyone.net web mail service has a slight modification with the Pro510 package. You will have a new sending option indicated by this button:

When composing your email, make sure you always use the Send Secure button when you want an encrypted email sent.

3.2 Email Program

When using an email program, a very specific string tag needs to be added to the subject line.

The exact string is: [encrypt]
***NOTE:** The brackets are necessary.

Also, you can use the subject setting here in web mail instead of using the Send Secure button.

3.3 Not Encrypted

- If you do not use the secure send option button
- If you do not use the string [encrypt] in the subject
- You are sending an email to someone on the same domain as yourself.
  - The message never leaves the server, so the message is still secure.

4 What the recipient sees

4.1 Message attachment

When the end user receives the message, it will contain a SecureMessageATT.html attachment. The attachment (SecureMessageATT.html) is the encrypted email. When they open the html file they will see a screen like this:

everyone.net.

This is a secure message.
To read it, open the attachment.

More Info

Disclaimer: This email and its content are confidential and intended solely for the use of the addressee. Please notify the sender if you have received this email in error or simply delete it.

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4.2   Accessing Secure Reader

Clicking on the "click to read message" button will result in one of two screens. If the end user already has an account they will see this screen.

Login

everyone.net.

Log in to read your secure message.

Email Address: user@domain.com
Password:

🔑 Forgot Password   ≫ Continue

If they do not have an account – they will see this screen that allows them to create an account. There is a pre-determined set of questions here in case a password reset is required in the future.

Registration

Password Policy ✕

⚠ Passwords must be 7-20 characters long.
⚠ At least one digit (0-9) is required.
⚠ At least one symbol character is required.
✔ Your username may not appear in the password.

Email Address: user@domain.com

First Name: Test

Last Name: User

Password: |

Confirm Password:

Question : Your childhood best friend ▼
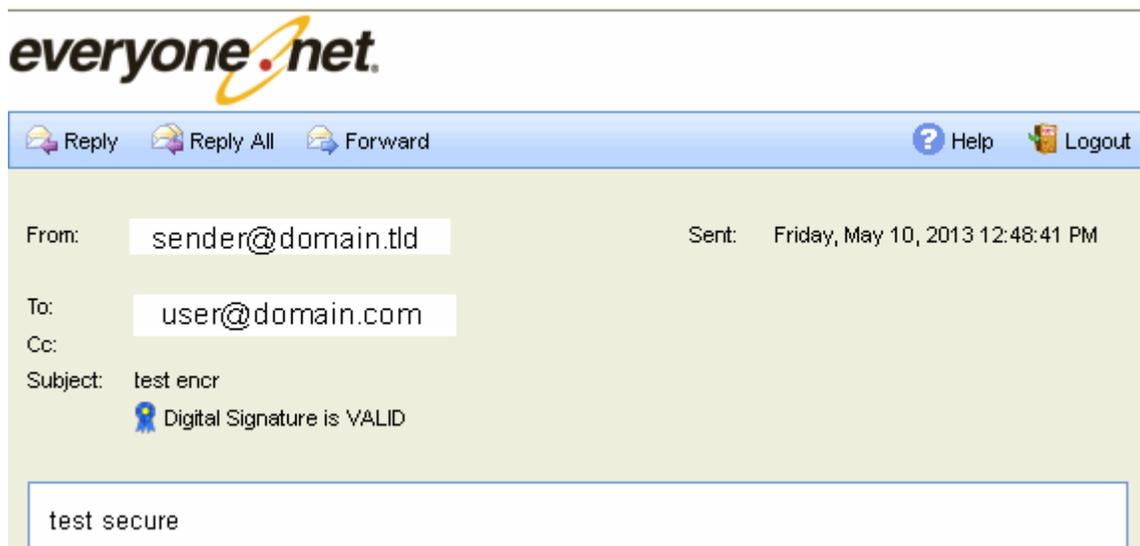
Answer:

❯ Continue

*NOTE: Please note that the password requirements listed for this service.

After either logging in or creating the account, they will be able to read the secure message.
The account allows the user to get the key to decrypt the message.

everyone.net

🔁 Reply   🔁 Reply All   🔁 Forward   ❓ Help   📧 Logout

From: sender@domain.tld   Sent: Friday, May 10, 2013 12:48:41 PM

To: user@domain.com
Cc:
Subject: test encr
🎗 Digital Signature is VALID

test secure

Recipients are allowed to reply to this message which goes back to the sender.

5   Notations about Encryption service

5.1   Message Size Limits for Proofpoint Encryption

There are some built in non-configurable limits for the maximum message size that Proofpoint Encryption will allow. These are:

1. 20MB for outbound messages

5.2   Where is the message located

The email message is stored on your machine in the SecureMessageATT.html attachment. As such, going to the secure reader retrieves the key, and displays the message in the browser.