

# Re: Encrypting Messages

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*Source:* <http://www.tech-archive.net/Archive/Outlook/microsoft.public.outlook/2006-01/msg01849.html>

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- *From:* "Rome" <coolromeo29@xxxxxxxx>
  - *Date:* Fri, 27 Jan 2006 15:00:31 -0800
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thank you for all your answers. I guess i was really confused on the public and private key situation, but that cleared it up. thanks again.

"Vanguard" <vanguard.news@xxxxxxxxxxxx> wrote in message  
[news:exsYpx3IGHA.3100@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:exsYpx3IGHA.3100@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)  
> "Rome" <coolromeo29@xxxxxxxx> wrote in message  
> [news:OKq9bkvIGHA.3816@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:OKq9bkvIGHA.3816@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)  
> I recently purchased a Email Certificate from Verisign for Encryption and  
> Digitally Signing My email and it works fine with everybody who has  
> outlook. Why is it that i cant send an encrypted email with someone thats  
> using yahoo? i was messing with sending myself an encrypted email, and got  
> it to work an hour later. why is it that in order for me to send an  
> encrypted message to someone i have to have their certificated stored in  
> my adress book?  
>  
>  
> ---- REPLY SEPARATOR ----  
> (only needed because the OP use quoted-printable format in their post)  
>  
> Because you did not train yourself by researching on how certificates  
> work. You encrypt a messages using SOMEONE ELSE's public key. The only  
> person that can decrypt that message is the one that has the matching  
> private key. You digitally sign a message so you can give your PUBLIC key  
> to someone else, who can then use that public key to encrypt a message  
> they send to you whereupon you use your private key to decrypt their  
> message. Similarly, for you to send someone else an encrypted message  
> means you have to get their public key used to encrypt the message.  
>  
> You want to send them a digitally signed message:  
> Use the public key from your certificate.  
>  
> You want to send them an encrypted message:  
> Use THEIR \*public\* key in THEIR certificate.  
> They decrypt using THEIR \*private\* key.  
>  
> They want to send you a digitally signed message:  
> They use their public key from their certificate.  
>

## Re: Encrypting Messages

- > They want to send you an encrypte message:
- > They need to use YOUR public key from YOUR certificate.
- > You decrypt using YOUR \*private\* key.
- >
- > The certicate owner retains safety of their certificate by NOT divulging
- > their private key. The certificate owner gets a public and private key.
- > Everyone else only gets the public key. Since no one but the certificate
- > owner has the private key, no one else can [easily] decrypt a message
- > encrypted with their public key (i.e., everyone else only gets half of the
- > key).
- >
- > ---
- > \_\_\_\_\_
- > Post replies to the newsgroup. Share with others.
- > For e-mail: Remove "NIX" and add "#VN" to Subject.
- > \_\_\_\_\_
- >

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### • *References:*

- ◆ *Encrypting Messages*
  - ◇ *From:* Rome
- ◆ *Re: Encrypting Messages*
  - ◇ *From:* Vanguard
  
- Prev by Date: *Re: Outlook asks for a profile at startup*
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- Previous by thread: *Re: Encrypting Messages*
- Next by thread: *log on*
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