

From Tom:

-----BEGIN PGP MESSAGE-----

hQGMA/omFDI73eFuAQwAqvkgXxuuDWQEVGE+Wmdtl3tMhiczuWkF5xK/Y0B5FDd4  
0qfzgpVlxCxQHhnr53fPEPx0y1WoI6FdKLW8pbQgwTSPLaD1wF8+Eok4M/LZh+V0  
xPZVDTJpweH62MLwRseA9ECyWNg4uUxT5i08x5VU9Ug83ytKuSq2/D00Iz+mTT  
ihG2JTuzKujGuPtsgwFsYyBd04QwHgh+gRzaEPcG7DaIj4N4iFFd7M1dlj0aRNQF  
afUDAiZyGeSUzfuSVuI2VXk3j4iZlgGtCnn07LN7bG7a1QYtuxvW4INg46TW3+zX  
TUFFyWfz5YpSFM9+P3V+5nWWzaFPdurkQDA9Z7t7QhIvHmttp/WVFidmpkww+xN6  
W5DgsRZm1apEIBhLXiYoyqVhAjfNC7gblot3cw5ZyNc89VxiyPrAV4quLADk/JSL  
Xy19/mixxkWDTzkerG+Fr08R6AizHW4B53dWqEdBB8vP8277DNTX9xQ6SfaGgzX/  
mdu38n8MwMjDdZWQuRQ10okBvJ1aNy377A6x/cMKM2JpCQeSI3lkqmSuC5bb+1S/  
KcsfKj/V46gRtqPPTAu011EuKi4SmPJR0JbDqi0xR1m7UFV5ybc/b3wBkGUddJdS  
qc2pVQo7lGub5v1G4qP/rcRf7r9+8r0Y+ky99mfoYuRKVDZdoXxGDZk7jRP012eI  
YWK6xdvoofHqjQ==

=4Wez

-----END PGP MESSAGE-----

```
ubuntu@ip-10-219-1-59:~$ gpg -d Tom_To_Tyler.enc
gpg: encrypted with 3072-bit RSA key, ID FA2614323BDDE16E, created 2023-02-27
"Tyler <tholmquist@ewu.edu>"
This is a super secret message from Tom to Tyler.
Burn after reading.
ubuntu@ip-10-219-1-59:~$
```

## From Joseph:

-----BEGIN PGP MESSAGE-----

hQGMA/omFDI73eFuAQv+KqAcNkgfL26fjWRFMc8dESiyP2kBaTEEUuY+9VrvchQf  
R21HRWUXrCWsRVkczttUKbuNodC+VSTornj9/zSlQUQKnH+ZNxT0+KlV80EGs0sJ  
ON269WB3+LybNND5EgYDUnw/JF4Ph8iAB7APvPNrFBQImSmRUuXafWiD0s65SwSi  
6EoTbL8xC9gNy1TVERKlkHRPWznLR8im7GeqsIFgL2bJAgbw0hB7BhhdSTkVA1nb  
WaJXSsCmjTHIC1GFDqJjTZ8ki335kvVw3/cuRzS9DwJUyIu2EuH7uaAPN6rVb0Ku  
vIoYsQ+I1hS9D6rhqntp1uQKhB80ABl3uu/uLwWw0q6yvDegnysbURyeSwzRGXud  
fC0pAT0R4J1qzS48uDrLXDQ8IxgjbSNq5wc6ctqpNVCESi0nJCiHeFZbb7c004sx  
cnhPzN2cqpKEM0Akx+0n50Kpz3P/gg/XEW1FWlcNg1oAWiZ2iL9RV0GM/i0L2D58  
xzy+9oAnHJa7BgULY+sJ0oUBXBUBRhF/b9+fchCRuA6GPR16jcoFZpsXjfnhqk/0  
XH/iamS9cfRR0a1cXrQFfFWfjHPtMtX5jCAZ+p/8RLShZpCMpF9ien5fJEcl0XoK  
ghQvSu70fX+jQUpr3zEaq/jFCYr2QhMTT68pSDwmbKQSMS8ImYty+YK3jHHcnejg  
5rUH0pyg  
=t3xq

-----END PGP MESSAGE-----

```
ubuntu@ip-10-219-1-59:~$ gpg --decrypt JosephToTyler.enc
gpg: encrypted with 3072-bit RSA key, ID FA2614323BDDE16E, created 2023-02-27
"Tyler <tholmquist@ewu.edu>"
Tyler
Styler
Compiler
Filer
Choir
Your name is hard to rhyme with lol
ubuntu@ip-10-219-1-59:~$
```

## My Messages:

### To Joseph:

```
ubuntu@ip-10-219-1-59:~$ gpg --auto-key-locate keyserver --locate-keys jbyrne3@ewu.edu
pub   rsa3072 2023-02-27 [SC] [expires: 2025-02-26]
       C61C076C5B42CDAF409CE625D70BB9F7B214A05A
uid     [ unknown] Joseph Byrne <jbyrne3@ewu.edu>
sub     rsa3072 2023-02-27 [E] [expires: 2025-02-26]

ubuntu@ip-10-219-1-59:~$ gpg --encrypt --armor -r jbyrne3@ewu.edu --output TylerToJoseph.enc TylerToJoseph.txt
gpg: 276C634007864F09: There is no assurance this key belongs to the named user

sub   rsa3072/276C634007864F09 2023-02-27 Joseph Byrne <jbyrne3@ewu.edu>
Primary key fingerprint: C61C 076C 5B42 CDAF 409C  E625 D70B B9F7 B214 A05A
Subkey fingerprint: 5496 5CE0 4102 7E41 F03D  5750 276C 6340 0786 4F09

It is NOT certain that the key belongs to the person named
in the user ID.  If you *really* know what you are doing,
you may answer the next question with yes.

Use this key anyway? (y/N) y
File 'TylerToJoseph.enc' exists. Overwrite? (y/N) y
ubuntu@ip-10-219-1-59:~$
```

```

[ubuntu@ip-10-219-1-59:~]$ cat TylerToJoseph.enc
-----BEGIN PGP MESSAGE-----

hQGMAYdsY0AHhk8JAQwAuNRpwF5xn2MRlW8kAK3vV5RdNwTi8qGdW/y/DIKqkR33
27Z6uk0eiF9RJf0iJCsyqRyvmsHbTa6Z7aV7KY+YULsxzEs0u5iXPKOu+TzGjXzZ
wJnLX35Wyg0QqZ+UUR9A/HoxU1ANm+WHVFGc5BcWph1BsLSofS+0g703LONgNnB1
cKJITu7Jia4bnfffStqPu8IHvqvSrKvOHXGly0RvV+P9AkLJ96BDj5gttvYFBBUR
rRbov2DArNmJxntrlPj9WUyeX6zM47ySFL+Q7JhKiLFUWz29dxoEQj9HIax0X06X
zJtkOgCiJ9gNtHvrgDZ/ObcAegPEq0ppNT4cJxY7ZrZ8e0aIGfwFlenE8YP+g4Mc
XbviPlMqJtqxtwtYyeGUMk5zoOKNUla2n4+HS270QEYtfNfqkkq7cS18a0L+CvI4
whoUApdlHb8LyJtilU+HtqXIXJpodrY5v083wHavggRB+90ndM9nnIT8I7+Cupsf
Qw3MbmKhWg/9zGqS2Cxd0nIB4vb2ZqgY9JDJVTWmKYRAoav9lRDyia9hszgmb4i
0jCBclF5moHhgYH5VBZRonpXccPoJQYbnazaEg2wkMNsL6Kjo9GfPQ2iZ6inlUFh
zuiYS6Rv7mhUunmWMQ0c22SMYfUEiyIf1IWDRMwWfjbHlF0=
=PJNm
-----END PGP MESSAGE-----
ubuntu@ip-10-219-1-59:~$ cat TylerToJoseph.txt
Congrats Joseph you opened the message!!!
ubuntu@ip-10-219-1-59:~$

```

To Tom:

```

ubuntu@ip-10-219-1-59:~$ gpg --auto-key-locate keyserver --locate-keys trohr@ewu.edu
pub  rsa3072 2023-02-24 [SC] [expires: 2025-02-23]
    B0924515234D3CA999AA73B759A9E2D470EA5BBB
uid      [ unknown] Tom Rohr <trohr@ewu.edu>
sub  rsa3072 2023-02-24 [E] [expires: 2025-02-23]

ubuntu@ip-10-219-1-59:~$ gpg --encrypt --armor -r trohr@ewu.edu --output TylerToTom.enc TylerToTom.txt
gpg: 0852A8A9C2D73EDC: There is no assurance this key belongs to the named user

sub  rsa3072/0852A8A9C2D73EDC 2023-02-24 Tom Rohr <trohr@ewu.edu>
Primary key fingerprint: B092 4515 234D 3CA9 99AA 73B7 59A9 E2D4 70EA 5BBB
Subkey fingerprint: 6103 0652 49CD 5A63 5A76 78C6 0852 A8A9 C2D7 3EDC

It is NOT certain that the key belongs to the person named
in the user ID.  If you *really* know what you are doing,
you may answer the next question with yes.

Use this key anyway? (y/N) y
File 'TylerToTom.enc' exists. Overwrite? (y/N) y
ubuntu@ip-10-219-1-59:~$ cat TylerToTom.txt
Congrats Tom you opened the message!!!
ubuntu@ip-10-219-1-59:~$ cat TylerToTom.enc
-----BEGIN PGP MESSAGE-----

hQGMawhSqKnC1z7cAQv9HaI612pFh/25PXd0Nlh5Ln+e0r62Ff5Bz7Lp2mTmN9jp
vhiAL8IZXcfy0bkaJJJUGdUkade0GKeVXLzNctlxIpT0ufu1d74DPYRVbXJKFcK
HvsYt4iWjik4XfScaLSd/mnqWEYXPRs2d6JPeZ8pUH/KyaJDD8KRAUWAn8oB74si
IwtfBL2pRYYsbkEMMtkVj5sPUQbprYfEPqFVTgN3prZ17KrE7oJgK3+g7b/eH5K3
MCFh6xICsAfaU3ZuMI5vjoRlPEE8PAd+3zSmj7gIo2JGAcNTR+bTUZYQEKA8IXkP
hkyJlia3AQRtiE7bxX0Mhy/ID1XLvgjbo7+eNcnxWsREoihDkTKgxrmQw0W0A8Nb
xL6iJlgP85VOH504JuzfvIYpoPhPyGH6/flhhA+0czxtVzGWfRjUGQsvrPb5fUAI
9VVGc6Fyh7pSxzN+ltQ/rf7DTL4xs6FBZCsmlYerXCiyQsjhxqkfVGa/+W4B0u+
Cu4cs5jRaUkkwGcWUoHq0m8ByDL39LSk3nNrJc1tCfJponiCq0ibmsL9dGC8RHt1
7vIwdWvU3qM5F4OHEnxTztVxYtsw06W+bEjSSIj+pUXFU0pfd8Bm96E40d2mCWU
OD/wCZC93RQlDGqoKJX8v4KBQA9SG12NurcRS1ZxNm=
=F2CF
-----END PGP MESSAGE-----
ubuntu@ip-10-219-1-59:~$

```