



RAX.IO 2014

Encryption and Building the Rackspace Web of Trust

For RAX.IO, 2014-02-25

By Tweeks

Slides: http://theweeks.org/tmp/FILES/RAX.IO_Tweeks-GPG-TeD-Talk.pdf

About Me



- 14yr Racker (1999)
- Moved to Blacksburg 2011
- Love:
 - Kids & Training
 - Arduino / Electronics
 - High Power Rocketry
 - Connecting Rackers

Why Encrypt?



Why Encrypt?

Encryption is like
insurance...



Why Encrypt?

Encryption is like
insurance...

You don't need it,



Why Encrypt?

Encryption is like
insurance...

You don't need it, until you need it.



What to Encrypt?



What to Encrypt?

Files



Drives



Email



What to Encrypt?

Files



Drives



Email



Everything!



How to Encrypt?

Files



Programs

GNU PG
Disk utility

Drives



LUKS
TrueCrypt
Disk Utility

Email



Kmail
Enigmail
GPGmail

Before You Can Encrypt
(to someone else)

Encryption Requires Authentication



Encryption Requires Authentication



Web of Trust



Encryption Requires Authentication



Web of Trust



PKI

Web of Trust Is Open & Free

Keysigning Party!



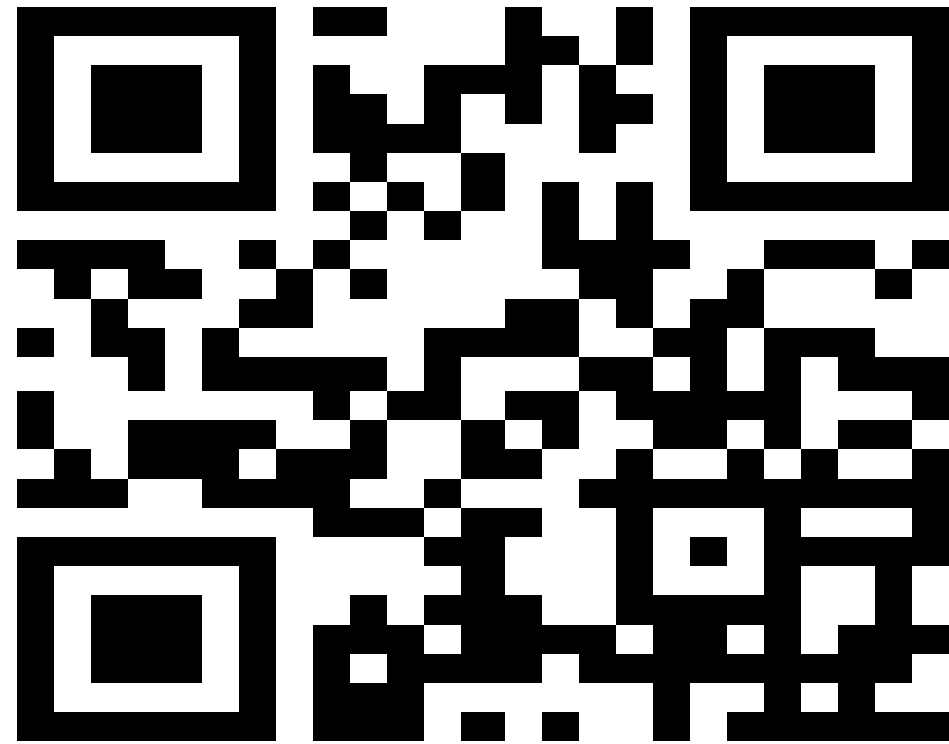
Web of Trust Grows As Friends Trust Friends



Grow Our Web of Trust!



Keysigning Party!



<http://goo.gl/UM7j2c>