

### **RAX.10 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

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### Encryption is like insurance...

You don't need it,



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





### What to Encrypt?



#### What to Encrypt?

Files



**Drives** 



Email





#### What to Encrypt?

Files



**Drives** 



**Email** 



#### **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





### Encryption Requires Authentication





# Web of Trust Is Open & Free



## Web of Trust Grows As Friends Trust Friends



#### **Grow Our Web of Trust!**

