GNUPG: Best Practices

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- Use a keyserver pool like hkps://hkps.pool.sks-keyservers.net
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- Use secure digest methods for key creation and signatures

Key generation:

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- A key uid consists of your real name and an email address only you control
- ► Leave the comment field empty
- Choose a strong passphrase

Add another uid

Manage uids

► Add uids to your key

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- ▶ You can set a later added uid as primary uid

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Secure yourself against identity theft or key loss

Generate revocation certificate

- generate the revocation certificate, so that you can revoke a compromised or lost key
- ▶ keep it in a safe place

Key rollover

Getting rid of the old key and communicating the new one

► Sign your new key with your old one

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- ▶ Sign your new key with your old one
- ► Upload your new key to the key servers

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Key rollover

Getting rid of the old key and communicating the new one

- ► Sign your new key with your old one
- ► Upload your new key to the key servers
- ▶ Inform others that you have changed your key

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Do not lose your keys

Encrypt your hard drive

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- Encrypt your hard drive
- Do backups on a regular basis
- Encrypt your backups
- ► Use tools like gfshare

Literature

- OpenPGP Best Practices
- Ø Key-Rollover
- Iibgfshare
- Writing beamer presentations in org-mode
- Org-mode: Beamer Export

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