

# GPG

How to use gpg for encryptions

## Creation of keys

```
gpg --full-generate-key
```

## Update expiration date

```
gpg --edit-key **email**  
ls  
key 0  
expire  
save
```

## Changing the password

```
gpg --passwd **email**
```

## Revoke/expire the key

```
# Generate your revoke certificate  
gpg --output revoke.asc --gen-revoke key-ID  
# Import the keys  
gpg --import revoke.asc  
# Search your key on the key-server  
gpg --keyserver pgp.mit.edu --search-keys key-ID  
# Send the revoked key to the key-server  
gpg --keyserver pgp.mit.edu --send-keys key-ID
```

# Backup private key

## To backup

```
gpg -o private.gpg --export-options backup --export-secret-keys **email**
```

## To import

```
# Import the key
gpg --import-options restore --import private.gpg
# Edit the key
gpg --edit-key **email**
# Choose 5 to completely trust the key
trust
```

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