

GPG Sign RPMs

GPG key generation

A gpg key was generated with the following parameters:

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

Please select what kind of key you want:

(1) RSA and RSA (default)

Your selection? 1

RSA keys may be between 1024 and 4096 bits long.

What keysize do you want? (3072) 4096

Please specify how long the key should be valid.

0 = key does not expire

Key is valid for? (0) 0

Real name: RPM sign UMD/CMD

Email address: grid.admin@lip.pt

Comment:

You selected this USER-ID:

"RPM sign UMD/CMD <grid.admin@lip.pt>"

public and secret key created and signed.

```
pub  rsa4096 2022-02-21 [SC]
```

```
    FDA5272E8C8A03597BFA253511339AA2D60A5E99
```

```
uid          RPM sign UMD/CMD <grid.admin@lip.pt>
```

```
sub  rsa4096 2022-02-21 [E]
```

The passphrase is in monica (under NCG site).

The public and private keys were exported:

```
gpg --export -a 'RPM sign UMD/CMD' > RPM-GPG-KEY-umd-cmd
```

```
gpg --export-secret-key 'RPM sign UMD/CMD' > RPM-GPG-KEY-umd-cmd.key
```

Copy the keys to monica, and import them:

```
gpg --import RPM-GPG-KEY-umd-cmd
gpg --import --allow-secret-key-import RPM-GPG-KEY-umd-cmd.key
```

On the host that will sign the RPMs:

```
rpm --import RPM-GPG-KEY-umd-cmd
```

To list all rpm gpg keys:

```
rpm -q gpg-pubkey --qf '%{name}-%{version}-%{release} --> %{summary}\n'
```

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