# Share Keys

# Catalogue

**Foreword**:

There are some keys are important for customer like BDK and TMK, so we have two ways share keys with customer. And there are some tools you can referred as below:

- PGP tool installation package：https://gpg4win.org/download.html
- PGP tool Kleopatra Install the video link：https://www.youtube.com/watch?v=kQhfE9cxWFA
- PGP introduction Wiki link：https://en.wikipedia.org/wiki/Pretty_Good_Privacy

# 1.Send express delivery

## 1.1 Dspread share customer key

1.1.1 Customer provide us two delivery address

1.1.2 Dspread generate two component keys

1.1.3 Dspread use Kleopatra encrypt the two component keys then generate two asc file

1.1.4 Dspread share the key component (asc file) to different person by express delivery

1.1.5 When customer A and customer B receive the key component then combine the final key and keep it well

## 1.2 Customer share us key

1.2.1 Dspread provide customer two delivery address

1.2.2 Customer generate two component keys

1.2.3 Customer use Kleopatra or other software encrypt the two component keys then generate two asc file

1.2.4 Customer can share the key component (asc file) to different person from dspread by express delivery
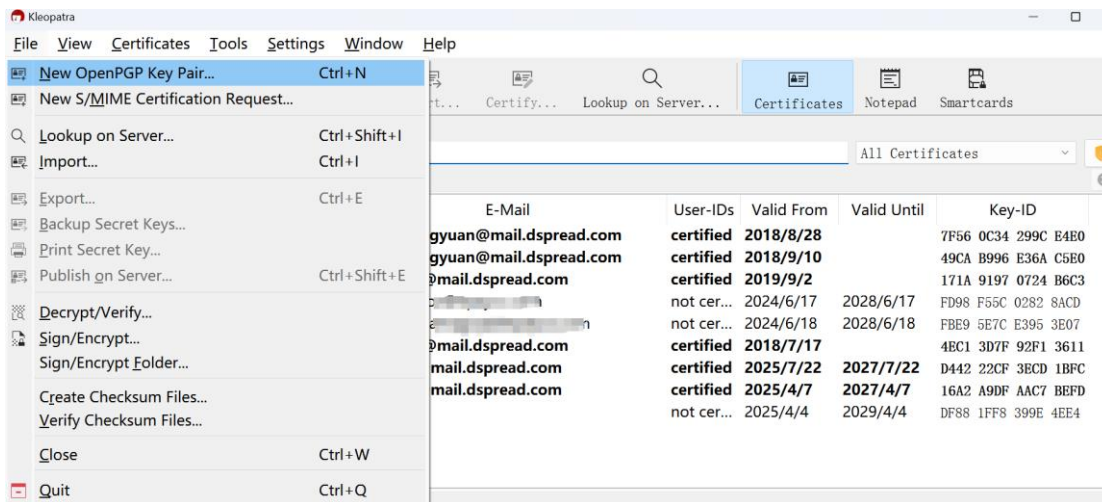
1.2.5 When dspread member A and dspread member B receive the key component then combine the final key and keep it well
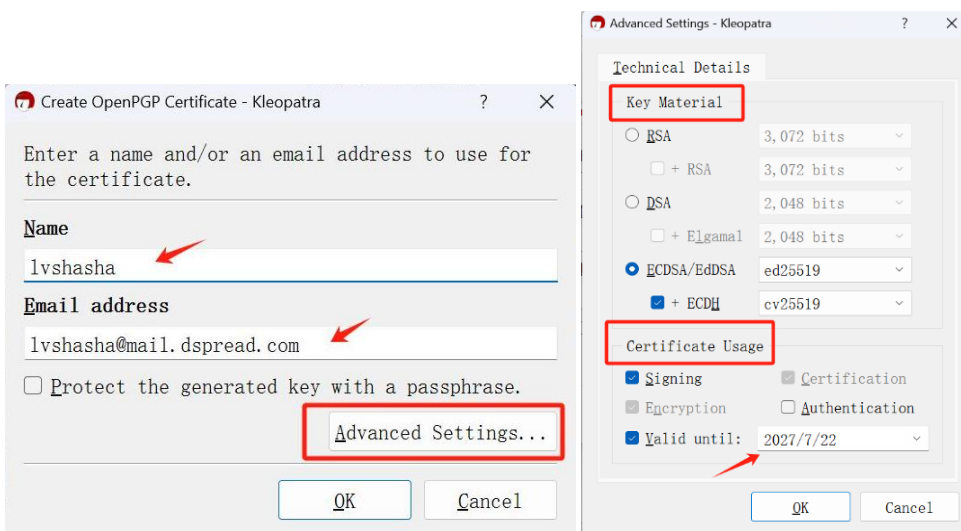
# 2.Pgp keys

## 2.1 Dspread share customer key

2.1.1 Customer share us two email address and pgp public keys and how to generate pgp public keys, please check below steps:

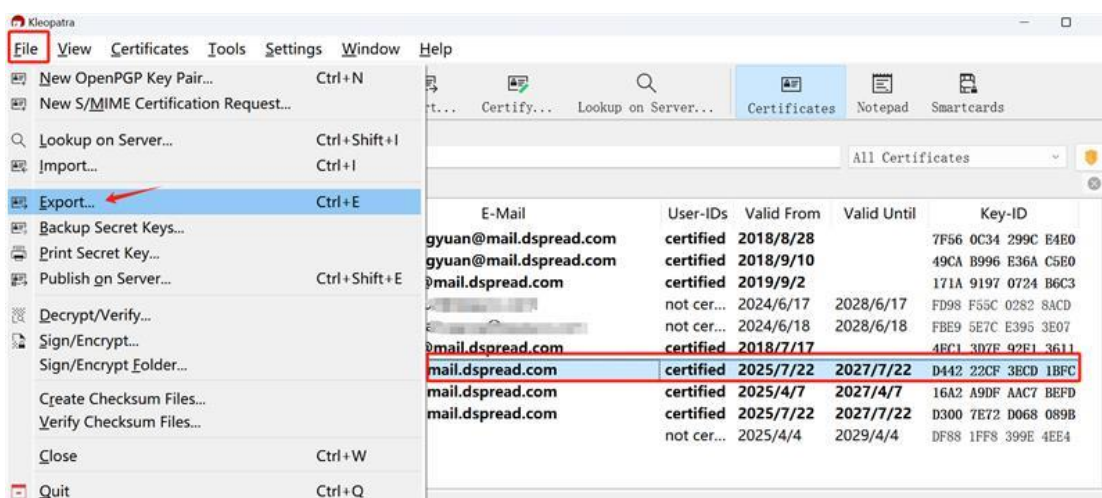2.1.1.1 Open the Kleopatra then click File > New OpenPGP Key Pair...

2.1.1.2 Input the name and email address and click "Advanced Settings..." to choose the key type、 usage and Validity period



2.1.1.3 When finished, click "OK" will pop up this page as below means the process complete



2.1.1.4 Choose the file you generated then click "File" > "Export" the asc file to us



2.1.2 Dspread generate two component keys

2.1.3 Dspread use Kleopatra encrypt the two component keys by public key you provide then generate two asc file

2.1.4 Dspread can share the key component (asc file) to different person by email

2.1.5 When customer A and customer B receive the key component then combine the final key and keep it well

## 2.2 Customer share us key

2.2.1 Dspread share customer two email address and pgp public keys and how to generate pgp public keys can refer step 2.1.1.1 to 2.1.1.4

2.2.2 Customer generate two component keys

2.2.3 Customer use Kleopatra or other software encrypt the two component keys by public key that dspread provided then generate two asc file

2.2.4 Customer can share the key component (asc file) to different person from dspread by email

2.2.5 When dspread member A and dspread member B receive the key component then combine the final key and keep it well