

1. General Information

1.1 Introduction

This manual contains additional IT information relevant to processing parcels shipped with the mentioned service with Hermes Germany GmbH (HG). It builds on the 'IT-Factsheet_Parcel_BC14' or 'IT-Factsheet_Parcel_BC20' and should only be used in conjunction with this.

1.2 Service Descriptions and Benefits

SFTP is a network protocol that allows a secure file transfer over SSH (Secure Shell). It provides end-to-end encryption and authentication to protect data during transmission.

For using the sFTP connection with a public key file, you will have to use your existing private key or create a new private and public key pair.

1.3 Disclaimer

For further information, please get in touch with your sales contact or send us a [message](#).

2. Technical Information

2.1 Public URL

The following endpoints are available for integration into our test and production environment.

Our servers are accessible via the public internet.

Protocol	Integration	Production
HTTPS Port: 443	https://data-integration-test-api.hermes-service.com/dw/Request/	https://data-integration-api.hermes-service.com/dw/Request/
AS2 Port: 443	https://data-integration-test-api.hermes-service.com/partner/AS2Retrieve/	https://data-integration-api.hermes-service.com/partner/AS2Retrieve/
SFTP Port: 22	sftp://data-integration-test-hub.hermes-service.com	sftp://data-integration-hub.hermes-service.com

Please note: IP whitelisting is **not** required to use our interfaces.

2.2 Outbound IP addresses

Please use IP whitelisting to allow us to access to **your** server, if necessary.

Integration	Production
34.79.28.195	35.240.41.227
35.233.70.105	8.34.209.160

2.3 Supported Certificates

Key Length	2048 Bit
Supported algorithms	ecdsa-sha2-nistp256, ecdsa-sha2-nistp256-cert-v01@openssh.com, sk-ecdsa-sha2-nistp256@openssh.com, sk-ecdsa-sha2-nistp256-cert-v01@openssh.com, ecdsa-sha2-nistp384, ecdsa-sha2-nistp384-cert-v01@openssh.com, ecdsa-sha2-nistp521, ecdsa-sha2-nistp521-cert-v01@openssh.com, ssh-ed25519, ssh-ed25519-cert-v01@openssh.com, sk-ssh-ed25519@openssh.com, sk-ssh-ed25519-cert-v01@openssh.com, rsa-sha2-256, rsa-sha2-256-cert-v01@openssh.com, rsa-sha2-512,rsa-sha2-512-cert-v01@openssh.com, ssh-rsa, ssh-rsa-cert-v01@openssh.com
Preferred solution	rsa-sha2-256/512

3. File transport requirements

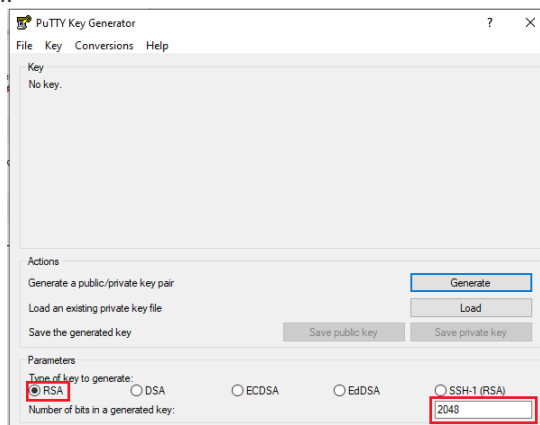
Below your home directory are three folders. Data can be uploaded (e.g. pre-advice files) into the **/toHermes** directory. Hermes provides files (e.g. shipment status files) beneath **/fromHermes**. You have read access to the **/public** directory. Here you will find our street- and parcel shop files, as well as various cell coding modules. Further subdirectories are only set up in exceptional cases and by arrangement.

The retention period for files provided is 30 days, after which they are automatically deleted without further notice. Our server is designed in such a way that files are only processed after the user concerned has logged out. Therefore, please ensure that you end your session after a successful transfer. Sessions without recognisable use are automatically terminated by the system after 5 minutes.

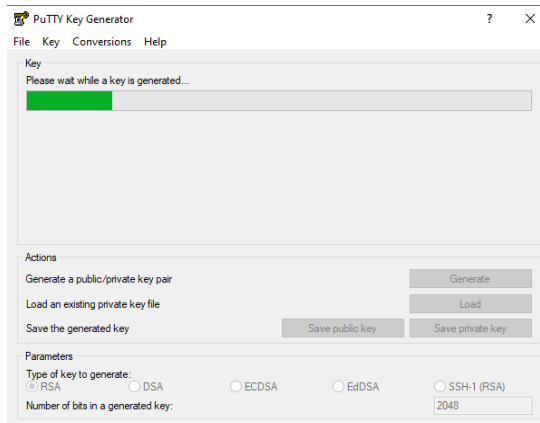
Polling is strictly prohibited and may result in subsequent accesses being blocked by the system

4. Generating a Keypair with PuTTYgen

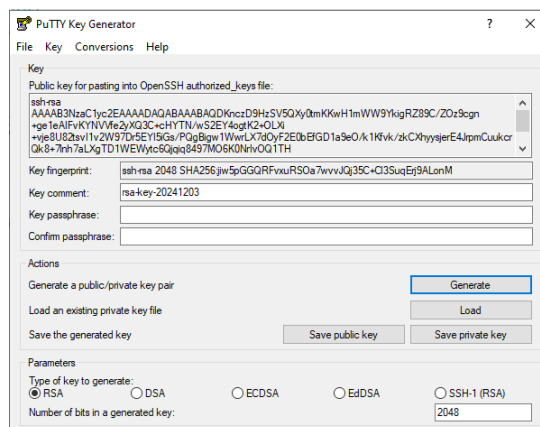
Please set the following specifications: Type of key: **RSA**, Number of bits: **2048**
Then click on the “Generate”-Button.



You must now move your mouse to the free area below the status bar. This is necessary to create some randomness.



After the mouse has been moved for a while, the collection of the required randomly generated information is completed and a key is generated.



You can now save both the public and the private key on your computer.

Please only send the public key to Hermes and keep the private key in a safe place - you will need the private key later to log in to the Hermes sftp server.

If you lose your private key, you will need to generate a new key pair and install the new public key also on the Hermes sftp server.