

Magrathea Telecommunications Limited, 5 Commerce Park, Brunel Road, Theale, Berkshire RG7 4AB

0345 004 0040 info@magrathea-telecom.co.uk

GPG Key Expiry Date Update – macOS

This guide has been created to assist customers with the GPG key renewal process for GPG keys that are due to expire and need updating. When an existing GPG key is due to expire, there are 2 possible options to renew:

Option One –The existing key is updated with a new expiry date and re-uploaded by Magrathea. The current key remains valid and it is just the date that is updated/extended. This is the simplest and recommended option. See below for the steps to take.

Option Two – This is only recommended when Option 1 is not possible. A brandnew key is generated and uploaded by Mag to overwrite the current one. NB This will mean that any files that may have been Downloaded and NOT DECRYPTED, will need to be regenerated as the **NEW KEY** will **NOT** have access to files - This is due to the older files being encrypted by Magrathea using the older key. If required please contact <u>support@magrathea-telecom.co.uk</u> for guidance on Option Two.

Steps to follow for Option One:

Firstly, you will need to open GPG Suite on the machine that the key is loaded onto. Once you've located the key/certificate that needs updating, right click and select the option to "Change End of Validity Period" in some older versions the wording maybe "Change Expiry Date".

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| Туре | Name | ∧ Email | | Create | d | Finge | rprint | | | | | | | | | Validity |
| pub | | | | | | | | | | | | | | | | |
| pub | | | | | | | | | | | | | | | | |
| pub | Magrathea Telecommunicatio. | support@magrathea-te | elecom.co.uk | 23 Ma | r 2022 | 8582 | 4C3A | 05D0 | 4240 | 739B | D6AD | A025 | 12CE | DF55 | 216F | |
| sec/pub | Test BO Mag | testbomag@mag.cor | Even | | | | CAEA | 8902 | B8D0 | F3EC | 5D16 | 800F | A432 | 9010 | C313 | |
| | | | Canal Dubli | | - F1 | | | | | | | | | | | |
| | | | Send Publi | c Key vi | a Email. | | | | | | | | | | | |
| | | | Send Publi | ic Key to | Key Se | rver | | | | | | | | | | |
| | | | Update fro | m key s | erver | | | | | | | | | | | |
| | | | - | | | _ | | | | | | | | | | |
| | | | Details | | | | | | | | | | | | | |
| | | | Sign | | | | | | | | | | | | | |
| | | | Create Rev | oke Cer | tificate. | | | | | | | | | | | |
| | | | Revoke | | | | | | | | | | | | | |
| | | | Сору | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | Delete | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | |
| 4 of 4 keys | listed | | | | | | | | | | | | | Show | secret | keys only 📃 |

A window will pop up which will give you an option to change the expiry date.

| | Key Details | |
|---|--|--|
| | Key User IDs Subkeys | |
| Name: Email: Comment: | Test BO Mag testbomag@mag.com | |
| Created: | 22 February 2024 at 11:58 | |
| Expires: | 9 October 2033 at 11:27 Change | |
| Extend your k You are about Test BO Mag < D7DF CAEA 89 | ey to change the expiration of your key testbomag@mag.com> 002 B8D0 F3EC 5D16 800F A432 9C10 C313 bire on: 09/10/2033 C Cancel Set Expiration | |
| | | |

Once updated you should get a confirmation message.



The next step is to export the public key which will be sent to Magrathea via email. With the public key, Magrathea will be able to encrypt the FTP CDR files related to your account(s). In GPG Suite, select your key pair, click on the Export button at the top.

This can be done as per the below screenshot. You will need to select the correct key and then the Export option highlighted in RED towards the top of the window - then just save the public key file on known location.

| | | | | | Q | Q, Filter | | | | | |
|---------|-------------|-------------------|---|---------------|-------------|-----------|---------|------|------|------|----------|
| | | | | Import Export | | | | | | | |
| | | | | | | | | | | | |
| Туре | Name | ~ Email | | Created | Fingerprint | | | | | | Validity |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| pub | Mag | | | 23 Mar 2022 | | | | | | | |
| sec/pub | Test BO Mag | testbomag@mag.con | n | 22 Feb 2024 | D7DF | F3EC 50 | 16 800F | A432 | 9C10 | C313 | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Please ensure that the filename contains your customer name.

| Save As: | | | |
|----------|----------------------------|------------|------|
| Where: | 📄 Desktop | | |
| • | Include secret key in expo | orted file | |
| | | Cancel | Save |

The final step is to send the exported public key file to Magrathea via email to support@magrathea-telecom.co.uk following the guidelines:

Subject line: "*Customer name*" - *GPG* Attach: (GPG Public key file)