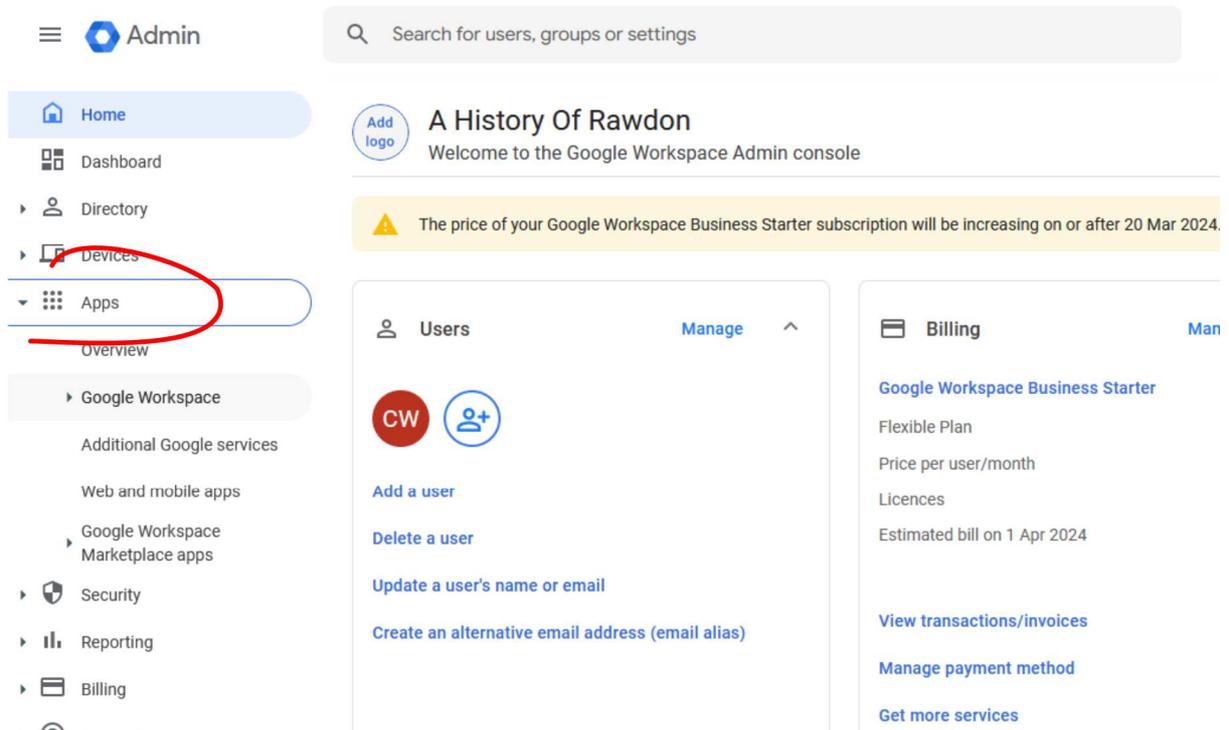


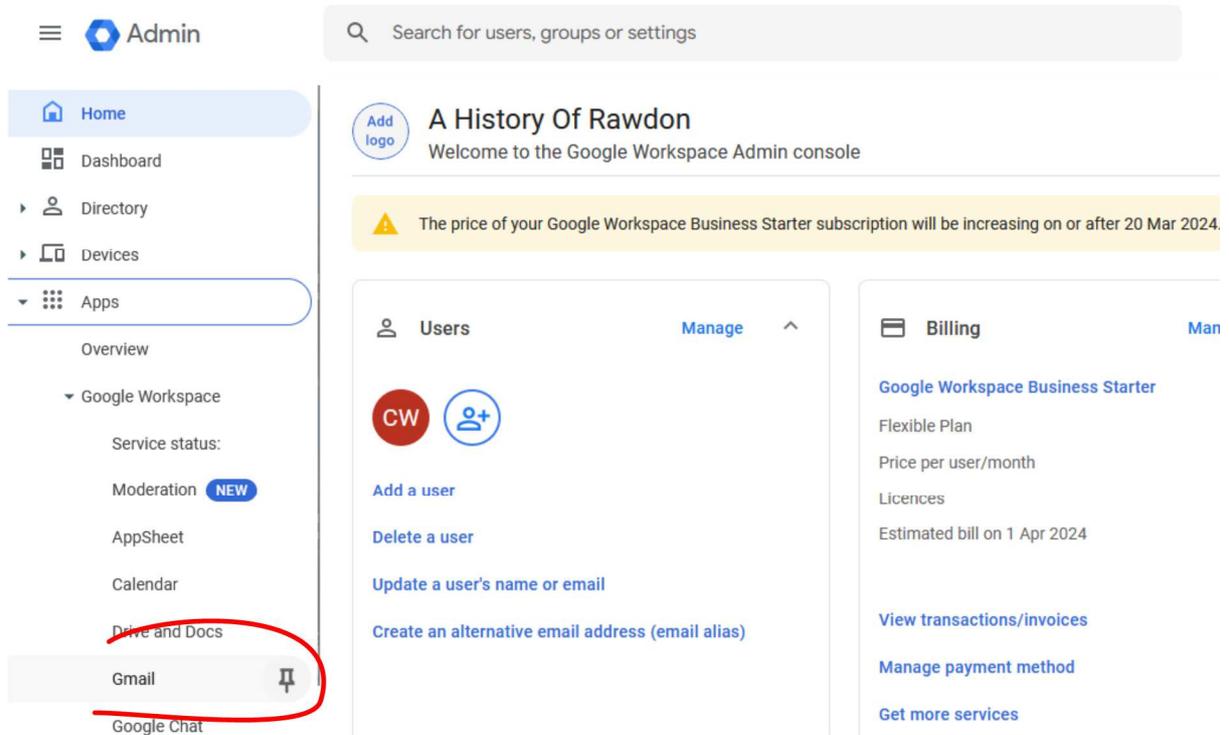
DKIM Settings

Authenticating Google Mail login and go to Apps



The screenshot shows the Google Workspace Admin console interface. On the left, a navigation menu is visible with the following items: Home, Dashboard, Directory, Devices, Apps (highlighted with a red circle), Overview, Google Workspace, Additional Google services, Web and mobile apps, Google Workspace Marketplace apps, Security, Reporting, and Billing. The main content area displays a search bar at the top, a welcome message for 'A History Of Rawdon', a warning about a subscription price increase, and three main sections: Users (with options to add, delete, or update users), Billing (for Google Workspace Business Starter), and a 'Man' link.

Google Workspace and then Gmail.



This screenshot is similar to the one above, but the 'Apps' menu is expanded to show a list of applications: Overview, Google Workspace, Service status, Moderation (NEW), AppSheet, Calendar, Drive and Docs, Gmail (highlighted with a red circle), and Google Chat. The rest of the interface remains the same.

The screenshot shows the Google Admin console interface. On the left is a navigation menu with 'Admin' at the top, followed by 'Apps', 'Google Workspace', and 'Additional Google services'. The 'Gmail' option is highlighted in blue. The main content area shows the 'Settings for Gmail' page. A search bar at the top contains the text 'Search for users, groups or settings'. Below it, the breadcrumb path is 'Apps > Google Workspace > Settings for Gmail'. The page is divided into several sections: 'Service status', 'User settings', 'Hosts', 'Default routing', 'Authenticate email', and 'Manage quarantines'. The 'Authenticate email' section is circled in red. It contains the text 'Set up email authentication (DKIM)'. The 'Default routing' section is also partially circled in red and contains the text 'Create domain-wide routing rules; e.g. split del'.

Click Authenticate email.

The screenshot shows the 'Authenticate email' page. At the top, there is a header 'Authenticate email' and a blue information bar with the text 'To check how these settings are affecting email delivery and troubleshoot potential issues, go to [Email Log Search](#).' Below this, the 'DKIM authentication' section is visible. It contains the text 'The domains that you select will use the DKIM (DomainKeys Identified Mail) protocol for authenticating outgoing emails. [Learn more](#)'. Underneath, there is a 'Selected domain' dropdown menu. The current selection is 'a-history-of-rawdon.co.uk'. A red circle highlights this dropdown menu, which also shows another option 'wythall.info'. Below the dropdown, there is a note: 'You must update the DNS records for this domain. To start authenticating email for the domain selected above, enter the following DNS TXT record into your domain p settings page. Then click 'Start authentication'.' At the bottom, there is a box containing the DNS host name and the TXT record value: 'DNS host name (TXT record name): google._domainkey' and 'TXT record value: v=DKIM1; k=rsa; p=MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAlItbXI+Jw+elWvuQyvARnTJrTUE8vr vq3yNGKxOONJ+dkK4Lq3ey/ f3n0ERs7+y22FavN7wln0.lirAKnlIR0u9X8Nz7WhlIk9nPREf5SMxh0vGWIsR5A0R7158AnfTFEln+nvAMFMMlvZr'.

If your account has more than one domain linked to be sure to pick the domain you want to work with. If your account only has one domain then this will not be an option.

Click Generate a new record.

Authenticate email

To check how these settings are affecting email delivery and troubleshoot potential issues, go to [Email Log Search](#). GOT IT

DKIM authentication The domains that you select will use the DKIM (DomainKeys Identified Mail) protocol for authenticating outgoing emails. [Learn more](#)

Selected domain
a-history-of-lawdon.co.uk

STATUS: Authenticating email with DKIM.
You must update the DNS records for this domain.
To start authenticating email for the domain selected above, enter the following DNS TXT record into your domain provider's DNS settings page. Then click 'Start authentication'.

DNS host name (TXT record name):
google._domainkey

TXT record value:
v=DKIM1; k=rsa; p=MIIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAlItbXI+Jw+eiWvuQyvARnTJrTUE8vnG/
vq3yNGKxOONJ+dkK4Lq3ey/
f3nQE8sz+x22FayN7wlnQJjgAKnUBOu9X8NzWbUk9qPRF15SMxb0vGWIsB5A087158AnfTfEIq+qvAMEMMlyVzoTs61gfL2QN8+
3Qo2jsEbvZ.Ja0peHuibMTD1c0y9fsxGbrWyK1uqqQvxCA3+9jsoX3GuVUY1VwAuM79meCGR3YkICQTMn2WlviLHg4bYvu4gk5Kf
wMcexfH61VqJJ/AS27FG2m5+TKZ3szIGc+kMdHSC8NqINj7TWfxDdDxkQCq+qMEWMA/CjPz2/3E/yMaTfTevoQNwiDAQAB

[GENERATE NEW RECORD](#)

It may take up to 48 hours for DNS changes to fully propagate.

[STOP AUTHENTICATION](#)

Most changes take effect within a few minutes. [Learn more](#)
You can view prior changes in the [audit log](#)

When you click Generate New Record you have a choice of 1024 or 2048

The lady from Google said use the 2048 setting.

Others have suggested using 1024.

Generate new record



You must wait 24 to 72 hours after enabling Gmail with a registered domain before you can create a DKIM record. [Learn more.](#)

If you are currently authenticating email from this domain, generating a new TXT record will stop authentication until you restart it and wait for DNS to update.

Select DKIM key bit length:

2048 ▼

Prefix selector (optional)

google

CANCEL GENERATE

You can view prior changes in the a

Generate new record

 You must wait 24 to 72 hours after enabling Gmail with a registered domain before you can create a DKIM record. [Learn more.](#)

If you are currently authenticating email from this domain, generating a new TXT record will stop authentication until you restart it and wait for DNS to update.

Select DKIM key bit length:
2048 ▼

Prefix selector (optional)
google

CANCEL GENERATE

You can view prior changes in the a

CRITICAL now Refresh Page

Once you have generated the new record you have to click the refresh button Top Left-Hand Corner
Now the string of characters this is the one you need.

```
v=DKIM1; k=rsa;  
p=MIIIBjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAltbXI+Jw+eIWvuQyvARnTJrTUE8vnGt/vq3  
yNGKxOONJ+dkK4Lq3ey/f3nQE8sz+x2vGWIsB5A087158AnfTFElq+qvAMEMMlyVzoTs61gfL2QN8+3Q  
o2jsEbvZJa0peHUibMTD1c0y9fsxGbrWyK1uqqQvxCA3+9jsoX3GuVUY1VwAuM79meCGR3YkICQTmn  
2WlviLHg4bYvu4gk5KfwMcexfH61VqJJ/AS27FG2m5+TKZ3szlGc+kMdHSC8NqINj7TWfxDdDxkQCQ+q  
MEWMA/CjPz2/3E/yMaTfTevoQNwIDAQAB
```

google._domainkey

Note this must read **google._domainkey**

Paste the details in to the DNS for the domain.

The lady said click the Start Authentication if you have correctly refreshed the page before copying the long string you should see nothing.

If you see red text you have not followed the sequence correctly.

She said that in 48 hours you had to come back and click Start Authentication again.

End

This is how to add another domain to your Google account.

<https://www.youtube.com/watch?v=WUzimAn1KQc>

<https://www.youtube.com/playlist?list=PLU8ezl8GYqs75-nquHcR8F8qm7U6h4a6>

Admin

Search for users, groups or settings

Domains > Manage domains

Manage domains [Add a domain](#) [Change primary domain](#)

Domain	Type	Status	Actions
a-history-of-rawdon.co.uk	Primary domain ⓘ	Verified Gmail activated	Set up redirect Add users
natashalax.co.uk	Secondary domain	Verify domain	Remove
wythall.info	User alias domain for a-history-of-rawdon.co.uk	Verified Gmail activated	Remove
a-history-of-rawdon.co.uk.test-google-a.com	Test domain alias ⓘ	Active	Deactivate

DMARC for this to work the email addresses should be real

To create two new email addresses at no additional cost go to

Google

Admin

Search for users, groups or settings

Home

- Dashboard
- Directory
- Devices
- Apps
- Security
- Reporting
- Billing
- Account
- Rules
- Storage

Add logo

The price of your Google Workspace Business Starter subscription will be increasing on or after 20 Mar 2024.

Users Manage

CW 

[Add a user](#)

[Delete a user](#)

[Update a user's name or email](#)

[Create an alternative email address \(email alias\)](#)

Billing Man

Google Workspace Business Starter

Flexible Plan

Price per user/month

Licences

Estimated bill on 1 Apr 2024

[View transactions/invoices](#)

[Manage payment method](#)

Admin

Search for users, groups or settings

Users > Charles Willcock

ADMIN

 **Charles Willcock**

Active
Last sign-in: 15 minutes ago
Created: 22 Aug 2022

Organisational unit
A History Of Rawdon

RESET PASSWORD

UPDATE USER

UPLOAD PROFILE PHOTO

ADD ALTERNATIVE EMAILS

ADD TO GROUPS

EMAIL

User details Security Groups In

Storage use and settings for Charles

Total used
0 bytes

Storage limit
Inherited from 'A History Of Rawdon'

User information

User details

Admin roles and privileges

Alternative email addresses (email alias) [? Help](#)

You can give this user up to 30 alternative emails, at no extra cost. Note, they still sign in with their primary email. [Learn more](#)
Send users info on how they can receive and send emails from alternative emails. [Learn more](#)

Alternative email	Domain	
Charles	[Redacted]	X
dmarc	[Redacted]	X
postmaster2	[Redacted]	X
<input type="text"/>	[Redacted]	X
<input type="text"/>		

Alternative emails with user alias domains are also available for this user. [Learn more](#)

Create two new email addresses

dmarc@yourdomain.co.uk

and

postmaster2@yourdomain.co.uk

now with these created they need to be added to the dns

v=DMARC1; p=reject; rua=mailto:postmaster2@yourdoomain.co.uk,
mailto:dmarc@yourdomain.co.uk; pct=100; adkim=s; aspf=s

_dmarc

This goes with the dns settings – this will send you a report which is in xml. It would appear unnecessary to check this

The 3 components

Spf record

DKIM

_dmarc

If these are in place then someone cannot spoof (falsify) your email address.

Will your email work if you have only one in place possibly or two ideally having all three in places is the optimum solution.

If you control the password for your Gmail account let me know when the two email addresses are created and I can add the _dmarc record for you.

end