

Domains.Google.Com MX Alias

writeups@centraliowacybersec.com

Summary

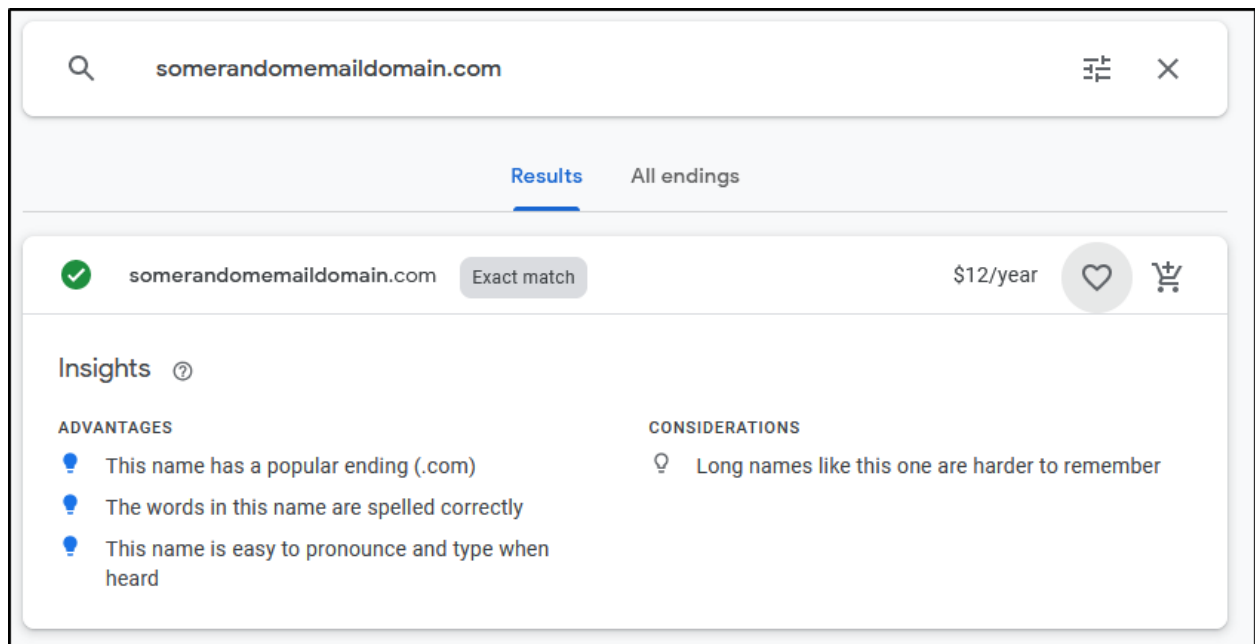
Quickly and cheaply setup a domain for inbound and outbound email traffic. The only expense is a 12\$ annual fee for a domain on domains.google.com This solution helps mask your personal email from leaks, spam and looks much more professional.

Table of contents

1. Purchasing your domain
2. Setting up Inbound Forwarding
3. Setting up Outbound Forwarding
4. References

1. Purchasing your domain

- 1.1. Head over to the website.
- 1.2. Create a google account or sign in to an existing one.
- 1.3. Find a domain you're interested in representing your needs.



- 1.4. Once purchased you can now manage your domain for other things besides email forwarding as well.

2. Inbound Mail Forwarding

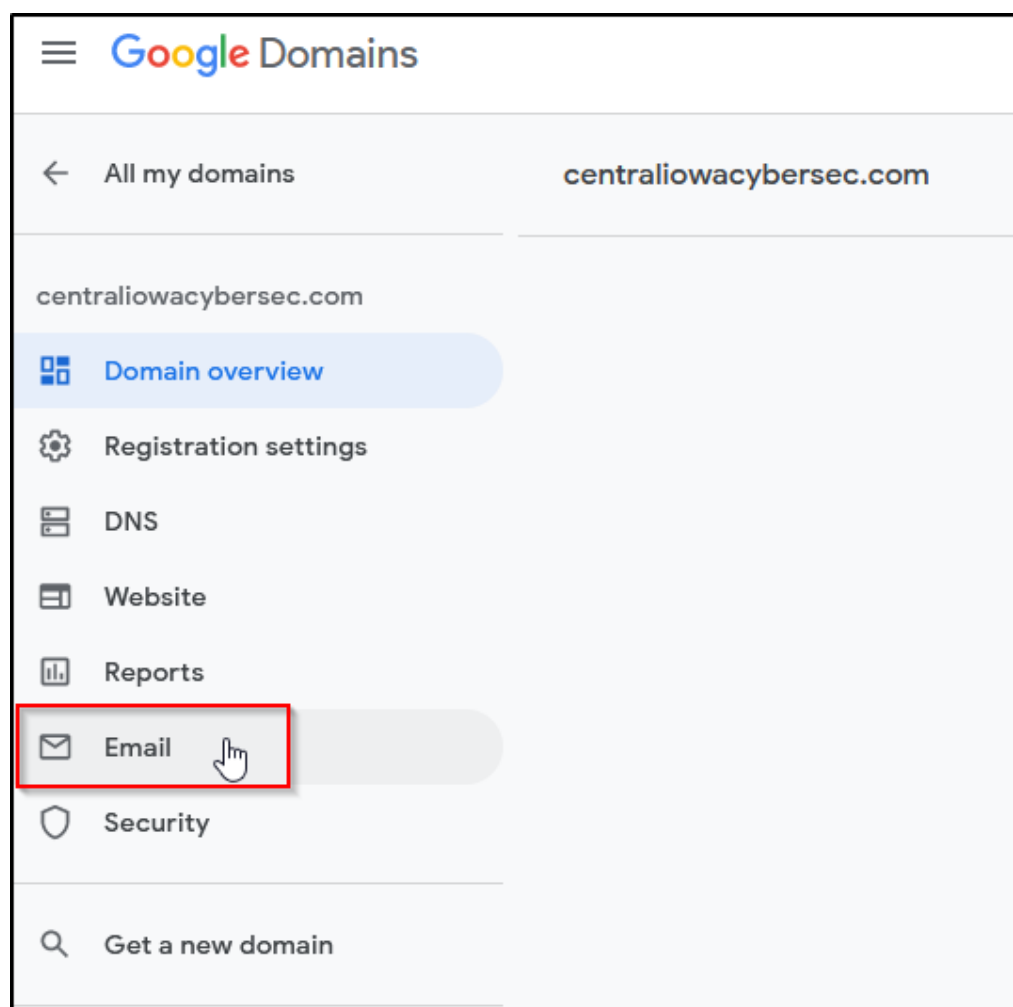
- 2.1. We are here for email forwarding though so go ahead and click your new domain to edit it.

My domains (2 total)

Filter by domain name, services, renewal date, and more

<input type="checkbox"/>	Name	Status	Services	Expires/renews on	Privacy	Contact info
<input type="checkbox"/>	centraliowacybersec.com	✓	None	Aug 31, 2022	On	

- 2.2. Click Email



- 2.3. Go ahead and edit the email forwarding to include specific addresses or do all with an “*” (asterisk).

Edit email alias

Alias email
*

@centraliowacybersec.com


→

Existing recipient email

██████████@gmail.com


[Cancel](#) [Save](#)

Email configuration options



Get a custom email address

Want an email like **you@centraliowacybersec.com**? Use Google Workspace to create them for your whole team. You'll also get tools like shared calendars, video meetings, and online storage to help keep your business running smoothly.





[Get Google Workspace](#)

Email forwarding

Email forwarding allows you to set up alias email addresses which are alternative addresses that are used as a substitute for an actual email address. Add up to 100 email addresses or a wild card (*) address that forwards to your existing email address. Google Domains will send a verification email to each unverified recipient address. [Learn more about email forwarding](#)

*@centraliowacybersec.com

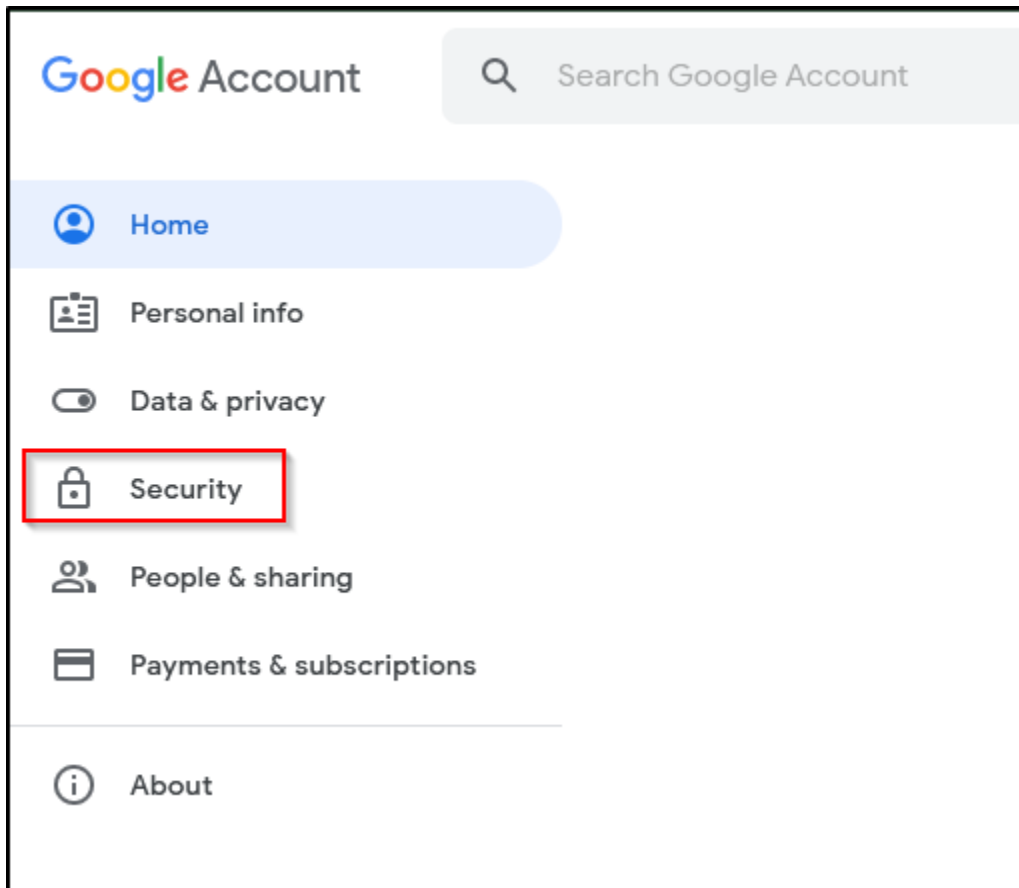
Forwards to ██████████@gmail.com

- 2.4. Now that Inbound is set up, we can move onto outbound forwarding.


3. Outbound Forwarding

- 3.1. This is my favorite step as it allows you to send emails as your domain instead of your personal email address.
- 3.2. Start by visiting your Google Account Profile Settings
 - 3.2.1. <https://myaccount.google.com/>
- 3.3. Click on the Security Tab



- 3.4. On this page you will search for the "Signing in to Google" section and click "App Passwords"
 - 3.4.1. If you don't find "App passwords," click 2-Step Verification and follow the steps to turn on 2-step verification for your account. You may have to sign in again.

Signing in to Google




Password

Last changed Jul 6, 2020

>

2-Step Verification

 On




>

App passwords

1 password

>

3.5. You will need to sign in again through this menu.


Hi 
 @gmail.com ▾

To continue, first verify it's you

Enter your password

☐ Show password

[Forgot password?](#)


Next

3.6. Once in here you need to add a new password as “mail”.

← App passwords

App passwords let you sign in to your Google Account from apps on devices that don't support 2-Step Verification. You'll only need to enter it once so you don't need to remember it. [Learn more](#)

Your app passwords

Name	Created	Last used	
centraliowacybersec.com	Dec 30, 2021	Feb 7	

Select the app and device you want to generate the app password for.

Select app

Mail

Calendar

Contacts

YouTube

Other (Custom name)

Select device

▼

GENERATE

3.7. Device will be “Other”

Select the app and device you want to generate the app password for.

Mail ▼

Select device

iPhone

iPad

BlackBerry

Mac

Windows Phone

Windows Computer

Other (*Custom name*)

3.8. I made the custom name, my purchased domain.

3.9. Once this is complete you will be given the 16 character password that you should save in a password manager or somewhere safe because you may need it multiple times.

Generated app password

Your app password for your device

www chcy aggl mtrb

How to use it

Go to the settings for your Google Account in the application or device you are trying to set up. Replace your password with the 16-character password shown above. Just like your normal password, this app password grants complete access to your Google Account. You won't need to remember it, so don't write it down or share it with anyone.

DONE

Email

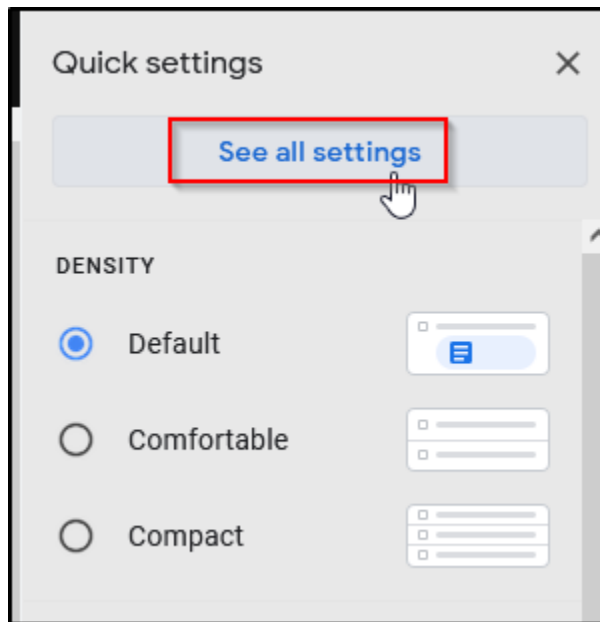
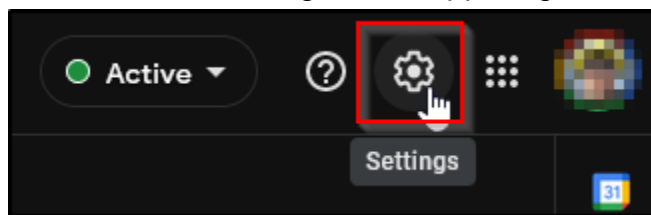
securesally@gmail.com

Password

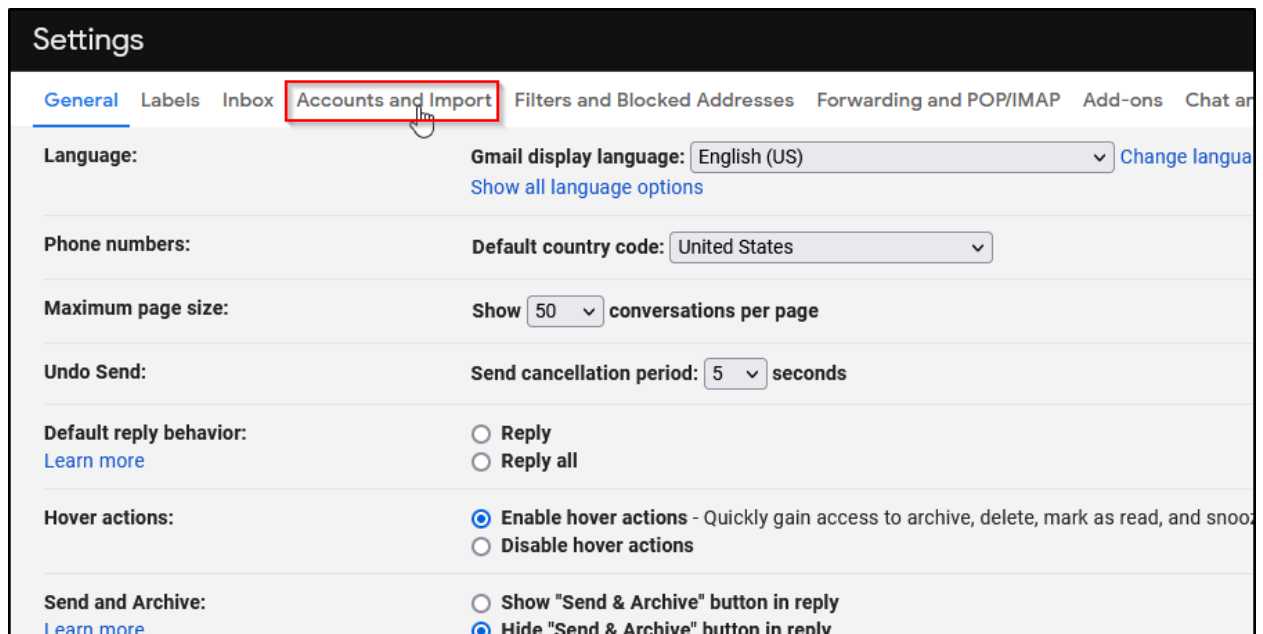
••••••••••••••••

3.10. Now you browse to gmail.com under the account you will be forwarding on.

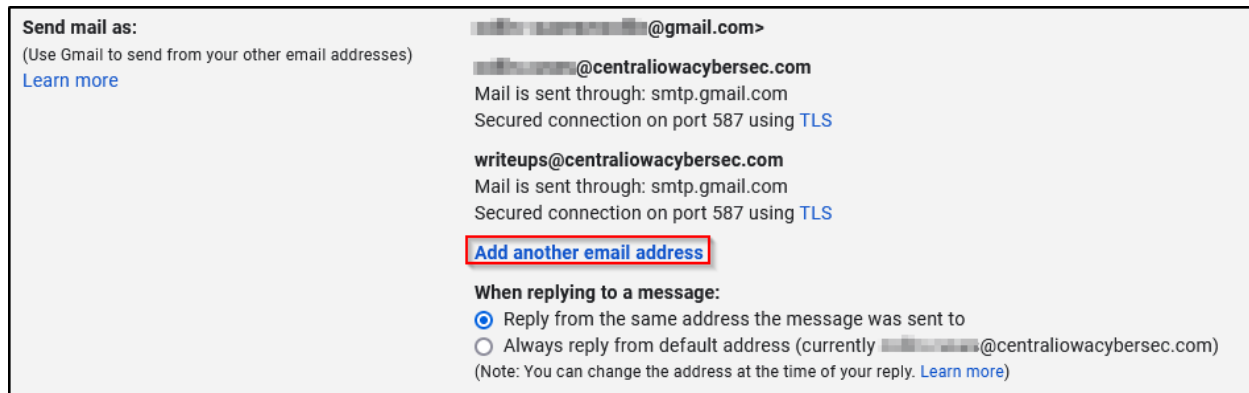
3.11. Click on settings in the upper right hand corner.



3.12. Click the “Accounts and Import” tab at the top of the settings page.



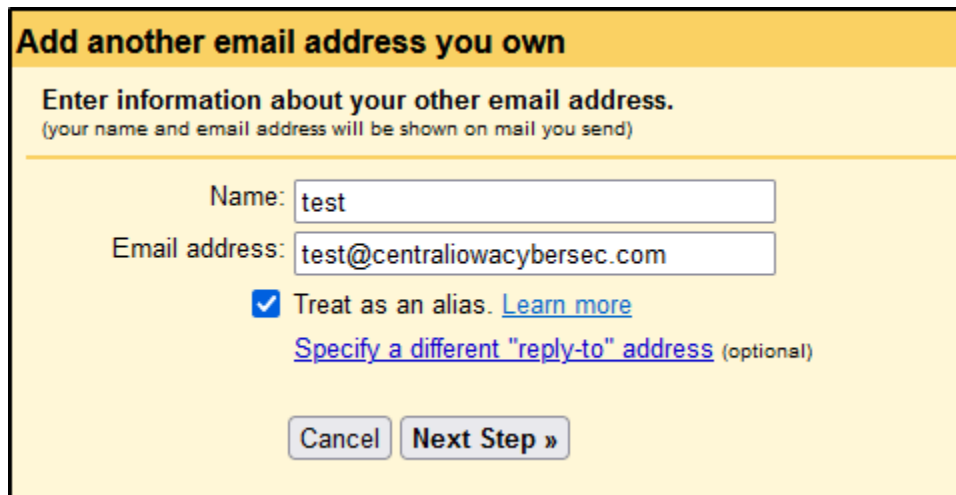
3.13. Click “Add another email address”



The screenshot shows the 'Send mail as' configuration window in Gmail. It lists two email addresses: a default address (redacted)@gmail.com and an alias address (redacted)@centraliowacybersec.com. The alias address is highlighted with a red box. Below the list, there is a link 'Add another email address' also highlighted with a red box. The window also shows the 'When replying to a message' section with two radio buttons: 'Reply from the same address the message was sent to' (selected) and 'Always reply from default address (currently (redacted)@centraliowacybersec.com)'. A note at the bottom states: '(Note: You can change the address at the time of your reply. [Learn more](#))'.

3.14. In the window that pops up, you will want to put your signature and email address you want recipients to see when an email is sent.

3.15. Also confirm that the “Treat as an alias” checkbox is checked.



The screenshot shows the 'Add another email address you own' window in Gmail. It has a yellow header with the title 'Add another email address you own'. Below the header, it says 'Enter information about your other email address. (your name and email address will be shown on mail you send)'. There are two input fields: 'Name:' with the value 'test' and 'Email address:' with the value 'test@centraliowacybersec.com'. Below these fields, there is a checkbox labeled 'Treat as an alias.' which is checked. To the right of the checkbox is a link 'Learn more'. Below the checkbox, there is a link 'Specify a different "reply-to" address (optional)'. At the bottom, there are two buttons: 'Cancel' and 'Next Step »'.

3.16. Change the SMTP server to “smtp.gmail.com” on port 587.

3.17. Put in the username to you account (Your normal email address).

3.18. Grab the 16 character password from earlier and plug it into the password field.

Add another email address you own

Send mail through your SMTP server

Configure your mail to be sent through centraliowacybersec.com SMTP servers [Learn more](#)

SMTP Server: smtp.gmail.com

Port: 587

Username: [redacted]@gmail.com

Password: 16 character password from before

☒ Secured connection using [TLS \(recommended\)](#)

☐ Secured connection using [SSL](#)

Cancel

« Back

Add Account »

3.19. You will then receive a verification code to the new email to put into the next window.

Gmail Confirmation - Send Mail as test@centraliowacybersec.com

Inbox x

Gmail Team <gmail-noreply@google.com>
to test

You have requested to add test@centraliowacybersec.com to your Gmail account.
Confirmation code: 749433981

Before you can send mail from test@centraliowacybersec.com using your Gmail account ([redacted]@gmail.com), please click the link below to confirm your request:

<https://mail.google.com/mail/f-%5BBANGjdJ8RfBVLvgf1MAIKFIOIBiZLqUTL6RSBtDbMG8jVhZJXFi8gg4ZyGV-yBkYnBrDlei1dXHcwU>

If you click the link and it appears to be broken, please copy and paste it into a new browser window. If you aren't able to access the link, please log in to your Gmail account, and click 'Settings' at the top of any page. Open the 'Accounts' tab, and locate the email address you'd like to add in the 'Send mail as:' section. Then, click 'Verify,' and enter your confirmation code: [redacted]

Thanks for using Gmail!

Sincerely,

The Gmail Team

Add another email address you own

Confirm verification and add your email address

Congratulations, we successfully located your other server and verified your credentials. Just one more step!

An email with a confirmation code was sent to **test@centraliowacybersec.com**. [\[Resend email\]](#)
To add your email address, do one of the following:

Click on the link in the confirmation email

OR

Enter and verify the confirmation code

Verify

[Close window](#)

3.20. After all of this you now have unlimited inbound and outbound addresses on the fly.

Send mail as:
(Use Gmail to send from your other email addresses)
[Learn more](#)

test <test@centraliowacybersec.com>
Mail is sent through: smtp.gmail.com
Secured connection on port 587 using [TLS](#)

writeups@centraliowacybersec.com
Mail is sent through: smtp.gmail.com
Secured connection on port 587 using [TLS](#)

[Add another email address](#)

When replying to a message:
☒ Reply from the same address the message was sent to
☐ Always reply from default address (currently **@centraliowacybersec.com**)
(Note: You can change the address at the time of your reply. [Learn more](#))

3.21. You can now choose to compose emails as an alias you have set up for outbound.

From **@centraliowacybersec.com** ▼

To **@gmail.com>**

Subject **@centraliowacybersec.com**

test <test@centraliowacybersec.com>

writeups@centraliowacybersec.com

- 3.22. I choose to forward *@mydomain.com to my email but only use an outbound proxy when a full conversation might need to be done as to not confuse people or email spam filters.

4. References

- 4.1. <https://support.google.com/domains/answer/3251241>
- 4.2. <https://support.google.com/domains/answer/9437157>