However, their email clients suck — most look like they stopped updating their user interface in 2003. They often have terrible UX. Gmail, on the other hand, is fantastic — it looks great, it works great, you already have one and know how to use it.

Gmail is free.

Google does a very good job of securing the Gmail service itself from third party attacks. (Of course, this is different than securing your account from an attack, where you bear a lot of the responsibility based on what password you select and what additional measures you put in place to protect your account.)

Gmail also has arguably the best spam protection engine.

Why not use G-Suite?

\$60 per year, per account, for every domain you own? That might be expensive.

1. Get a Custom Domain

The first step is to get a domain name from a reputable domain name registrar.

I recommend <u>Cloudflare Registrar</u> – a service for registering domain names that doesn't mark up the price for doing so. It offers essentially the same services as other domain name registrars but without markups, without increased renewal fees and comes with additional security features. In essence, Cloudflare Registrar is free – the only cost is what is charged by registries and by ICANN.

Ensure your DNS has email forwarding

In this guide, I will be considering <u>Namecheap.com</u> and Cloudflare. They both have it.

If your DNS doesn't have this feature consider using Cloudflare: it comes with a <u>tonne of benefits</u> you can consider <u>transferring</u> <u>your domain</u> to Cloudflare or <u>changing your authoritative</u> <u>nameservers</u> to Cloudflare's.

2. Receiving Mail

This will automatically forward the incoming traffic to any destination inboxes you wish.

You can effectively start receiving Emails in any of your domains for any number of custom addresses you want and forward the messages to any existing destination mailboxes (Gmail, Outlook, etc).

With Cloudflare

Log in to your Cloudflare Dashboard and select your zone and click "Email" in the left navigation panel.

Create a custom email address or your domain (in my case me@example.com) then type in the destination email address (your Gmail address - in my case, username13335@gmail.com).

This step will trigger sending a confirmation email to <u>username13335@gmail.com</u> so that they can prove that the destination Inbox is yours. You need to open Gmail and press the verification link.

Get started with Email Routing

This process will guide you through creating a custom address and configuring your DNS to enable Email Routing for this domain.

Add the custom address you want to receive incoming emails are routed.	emails in and the action	to take. New destination addresses will be sent a con	ifirmation before
Custom address me @example.com	Action ① Send to	Destination address username13335@gmail.com ① A verification email will be sent to this address.	× •
Exit Create and continue			Skip getting starte

Then, in the last step, you need to configure your zone MX and SPF DNS records. They will do this automatically for you. Just press "Add records automatically".

Get started with Email Routing

This process will guide you through creating a custom address and configuring your DNS to enable Email Routing for this domain.

⊘ Create a custom address ⊘ Verify destination address ③ Configure your DNS

Configure your DNS

A combination of MX and TXT records need to be added to your DNS for Email Routing to function properly. MX records allow your domain to receive email. The TXT record is configured to allow your domain to send incoming emails out to your preferred email provider.

Required records Edit records on DNS

The records listed below are required on **example.com** to enable Email Routing. MX records allow your domain to receive email. The TXT record is configured to allow your domain to send incoming emails out to your preferred email provider.

Record type	Hostname	Priority	Value	Status	
MX	example.com	51	isaac.mx.cloudflare.net	Missing	
MX	example.com	3	linda.mx.cloudflare.net	Missing	
MX	example.com	16	amir.mx.cloudflare.net	Missing	
ТХТ	example.com		v=spf1 include:_spf.mx.cloudflare.net ~all	Missing	
You can automatically add these records to you Add records automatically			ur DNS, or manually create new records on the	DNS page.	
Previous	inish				Skip getting started

That's it, Email Routing is now configured, and you can start sending emails to me@example.com and read them at username13335@gmail.com in Gmail.

Email Routing 🚥

Create custom email addresses for your domain and route incoming emails to your preferred mailbox.

Custom addresses Create custom email addresses and	d set the action to take on received emails.		Create address	
Custom address	Action	S	itatus	
me@example.com	Send to username13335@gmail.com	(Active	Edit 🕨
Email DNS records Email Routing MX and TXT records	are properly added on your DNS.		Routing enabled	S records 🕨
Destination addresses Manage addresses for use when ro available on all zones on the accou	outing custom addresses. Destination addresse nt.	is are	Add destination addre	255
Destination address		Status		
username13335@gmail.com		Verified		Remove

That's it!

With Namecheap



Sign in to your Namecheap account (The Sign In option is available in the header of the page). Select **Domain List** from the left sidebar and click on the **Manage** button next to your domain.



Navigate to the Advanced DNS tab at the top of the page:

	h Domain	Products	🕞 Sharing & Transfer	Advanced DNS
HOST RECORDS				
Actions 👻 🝸 Filters 👻				

Find the Mail Settings section and select Email Forwarding from the drop-down menu. MX records will be set automatically once you save all changes:

MAIL SETTINGS	? Email Forward	ting 👻		
Туре	Host	Value	TTL	
TXT Record	(đ	v=spf1 include:spf.efwd.registrar-servers.com ~all	Automatic	
SAVE ALL CHANGES				

Choose the **Domain** tab on top of the page and scroll down to the **Redirect Email** section. Click on the **Add Forwarder** button:

		n Domain	Products	sharing & Transfer	Advanced DNS	
STATUS & VALIDITY	?	✓ ACTIVE	Nov 2, 20:	18 - Nov 2, 2019		ADD YEARS
Premium DNS	?	Enable Premiuml With our Premiur	DNS protection in orde nDNS platform, you ge	r to switch your domain to o t 100% DNS uptime and DD	our PremiumDNS platfo oS protection at the DN	orm. BUY NOW NS level.
NAMESERVERS	?	Namecheap Basi	cDNS 👻			
REDIRECT DOMAIN	?	Source URL		Dest	ination URL	
		ADD REDIRE	CT 📀 ADD WILDCARD F	REDIRECT		
► REDIRECT EMAIL	?	Alias		Forw	ard to	
		🕂 ADD FORWA	RDER 📀 ADD CATCH-A	ц		

Fill in both the Alias and Forward to fields with the corresponding information and click on the checkmark icon to save the changes. *Alias* is the name of your forwarding mailbox. For example, if you are forwarding all emails sent to <u>admin@yourdomain.tld</u> to your destination email address, you will need to put admin in the Alias field (it is also possible

to forward the same alias to several email addresses).

Make sure that the *Forward to* field contains your full destination email address as well.

REDIRECT EMAIL	?	Alias			Forward to		
		admin		\rightarrow	test@youremail.ttd	~	×
		ADD FORWARDER	ADD CATCH-ALL			T	

Please allow about an hour for newly created mailboxes to be completely set up on the forwarding mail server.

That's it!

3. Sending Mail

Set up Google App Password

Set up an <u>App Password</u> for your Gmail account to allow you to use the Gmail SMTP servers securely.

Go to the Gmail account. Click your username or user icon in the upper right corner to bring up the user menu and click My Account

In the Google account screen, under Sign-in & security, click Signing in to Google.





In the Password & sign-in method box, click App passwords.

Password & sign-in method			
Your password protects your account. You can also add a second layer of protection with 2-Step Verification, which sends a single- use code to your phone for you to enter when you sign in. So even if somebody manages to steal your password, it is not enough to get into your account.			
Note: To change these settings, y password.	Note: To change these settings, you will need to confirm your password.		
Password	Last changed: August 21, 2014	>	
2-Step Verification	On since: September 11, 2014	>	
App passwords	1 password	>	

You must have 2-Step Verification enabled for the App passwords option to be available. If it is not, click 2-Step Verification and enable 2-Step Verification. Then continue to set the App password.

In the App passwords box, select Mail for the app, and select Other for the device.

\leftarrow	App passwords (i)			(j)
You have no app pass	words.			
Select app 👻 on n	Ny Select device *	Generate		
				Done

Enter the name of your domain (or any other memorable name) for the "other" device, and click Generate.

The Generated app password box will display a **16-character password.** Copy this password. You will need it when you add your new send-as (forwarded) account.

Generate	ed app password
	Your app password for your device
	xxxx xxxx xxxx xxxx
Email securesally@gmail.com Password	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

Click "Done" and return to Gmail.

Connect custom domain to Gmail

You will need to add the alias email address as an account to

your Gmail inbox.

In the top right corner of Gmail, click on the Settings button, then on See all settings. In the Settings screen, click the Accounts and Import tab.

Settings	
General Labels Inbox Accounts and Im	port Filters and blocked addresses Forwarding and POP/IMAP Add-ons Chat and Meet Advanced Offline
Change account settings:	Change password Change password recovery options Other Google Account settings
Using Gmail for work?	Businesses get yourname@example.com email, more storage and admin tools with Google Workspace. Learn
Import mail and contacts: Learn more	Import from Yahoo!, Hotmail, AOL, or other webmail or POP3 accounts. Import mail and contacts

Scroll down to Send mail as and click Add another email address you own. In the first Add another email address box, enter the name you want recipients of your email to see and the forwarded email address you are setting up (the email address you set up in step 2) and click on Next step.

Add another email address that you own					
Enter information ab (your name and email addr	Enter information about your other email address. (your name and email address will be shown on mail that you send)				
Name:	Your Name				
Email address:	you@example.com				
	Treat as an alias. <u>Learn more</u>				
	Specify a different "reply-to" address (optional)				
	Cancel Next Step »				

Set the Gmail SMTP server as the mail server for your forwarded alias. Change the values in fields to enter the following:

- SMTP Server: smtp.gmail.com
- Port: 465
- Username: Your Gmail account (the one you are logged in as)
- Password: The generated Google App Password

Click Add Account.

After you have successfully added the account, return to Gmail. You will see a message from Gmail Team with the subject Gmail Confirmation: Send Mail As and the address you have just added. Follow the instructions in the message to confirm the email address.

When you send mail from your Gmail account, click the triangle next to your **From** address to choose to send the message from the account you just added.

That's it!

Conclusion

You can now send and receive emails from Gmail using your domain name.

Sources:

- <u>https://blog.cloudflare.com/migrating-to-cloudflare-email-</u> routing/
- <u>https://www.namecheap.com/support/knowledgebase/</u> article.aspx/308/2214/how-to-set-up-free-email-forwarding/</u>
- https://support.google.com/mail/answer/185833?hl=en

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