

CITK

CloudFlare Domain Setup



Step-by-step Mailgun Setup

1. Sign up for [Mailgun.com](https://mailgun.com)
2. Check your email inbox to verify the email address

Account Verification

Howdy,

Thank you for choosing Mailgun! Please confirm your email address by clicking the link below. We'll communicate important updates with you from time to time via email, so it's essential that we have an up-to-date email address on file.

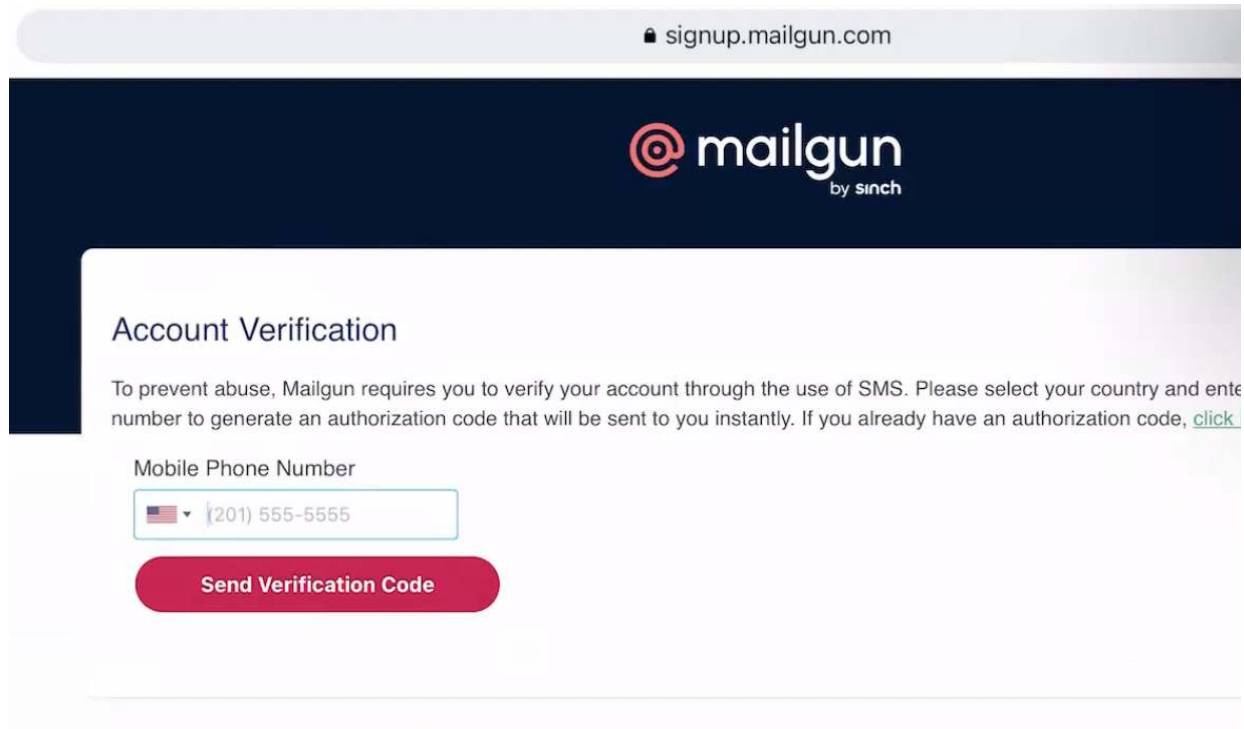
[Verify your email address](#)

If you did not sign up for a Mailgun account, you can simply disregard this email.

Happy Emailing!

The Mailgun Team

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The screenshot shows the Mailgun account verification page. At the top, the browser address bar displays "signup.mailgun.com". The Mailgun logo, featuring an orange '@' symbol and the text "mailgun by sinch", is centered at the top. Below the logo, the heading "Account Verification" is displayed. A paragraph explains that Mailgun requires account verification via SMS and provides instructions on how to proceed. A form for "Mobile Phone Number" is shown, with a dropdown menu set to the United States and a text input field containing "(201) 555-5555". A red button labeled "Send Verification Code" is positioned below the form.

3. Login to Mailgun, Click on **Sending** > **Add New Domain**



4. If your domain is companyname.com, you can either set up the main domain or subdomain with Mailgun.

A. Main domain:

If you are adding the main domain,

it should not be used with Gsuite, or any other email provider

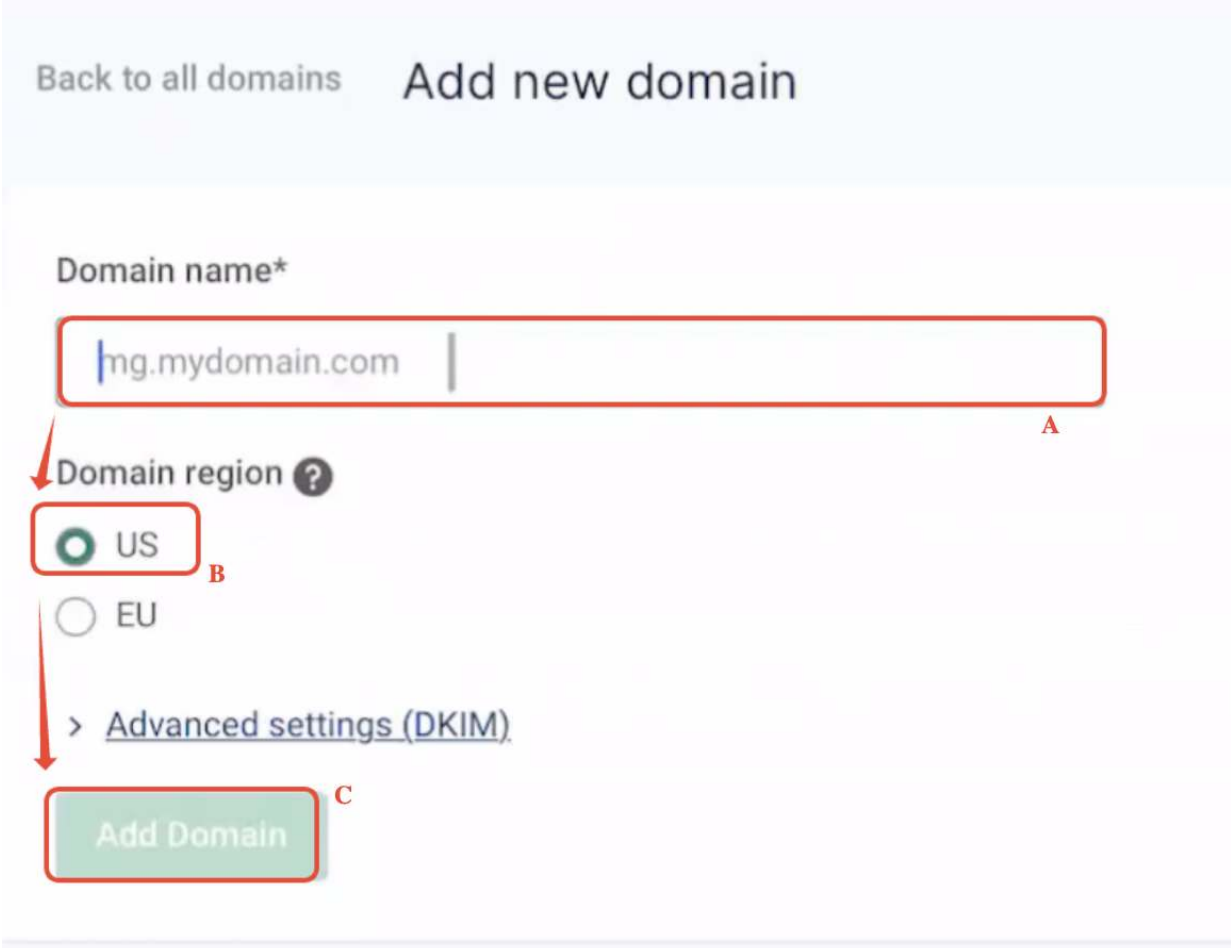
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Subdomain:

- To set up the subdomain with Mailgun, you can type **ANYTHING_HERE.companyname.com**
 - Examples:
 - mg.companyname.com
 - replies.companyname.com
 - support.companyname.com

B. Please set up the domain or subdomain under US, **not EU. not EU. not EU.**

C. Click on **Add domain**

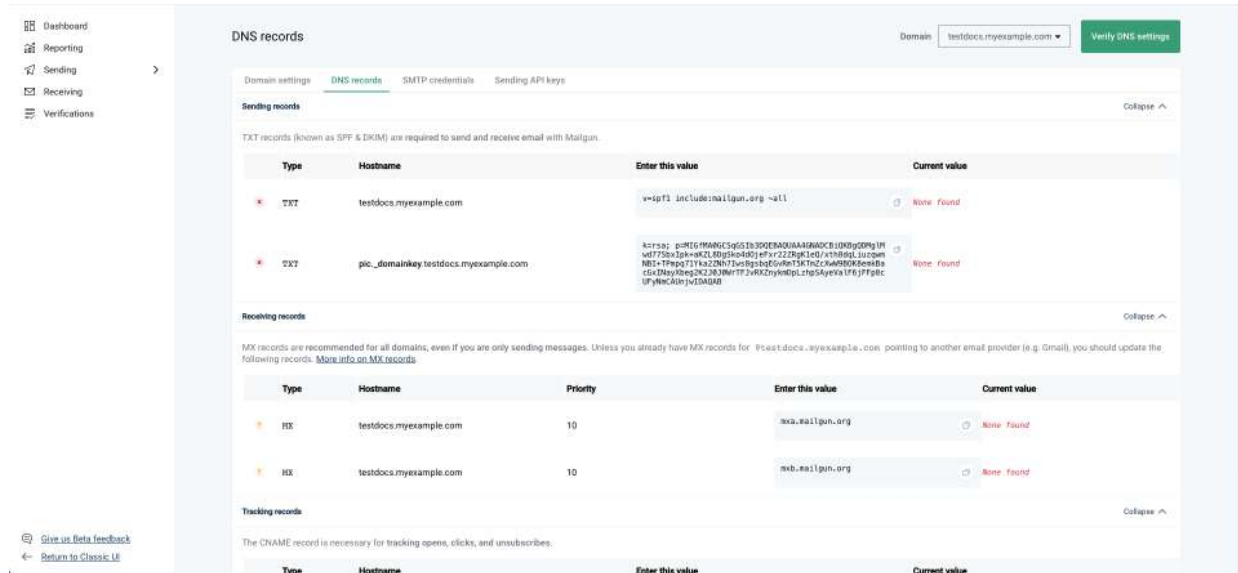


The screenshot shows the 'Add new domain' page in the CloudFlare dashboard. At the top, there are two links: 'Back to all domains' and 'Add new domain'. Below this is a form with the following elements:

- Domain name***: A text input field containing 'mg.mydomain.com'. A red box highlights this field, with a red arrow pointing to it from the letter 'A'.
- Domain region ?**: A section with two radio button options: 'US' (selected) and 'EU'. A red box highlights the 'US' option, with a red arrow pointing to it from the letter 'B'.
- Advanced settings (DKIM)**: A link with a right-pointing chevron. A red arrow points to it from the letter 'C'.
- Add Domain**: A green button at the bottom of the form. A red box highlights this button, with a red arrow pointing to it from the letter 'C'.

The next screen that you're taken to will ask you to add DNS records to your domain. Leave this screen open for the next step.

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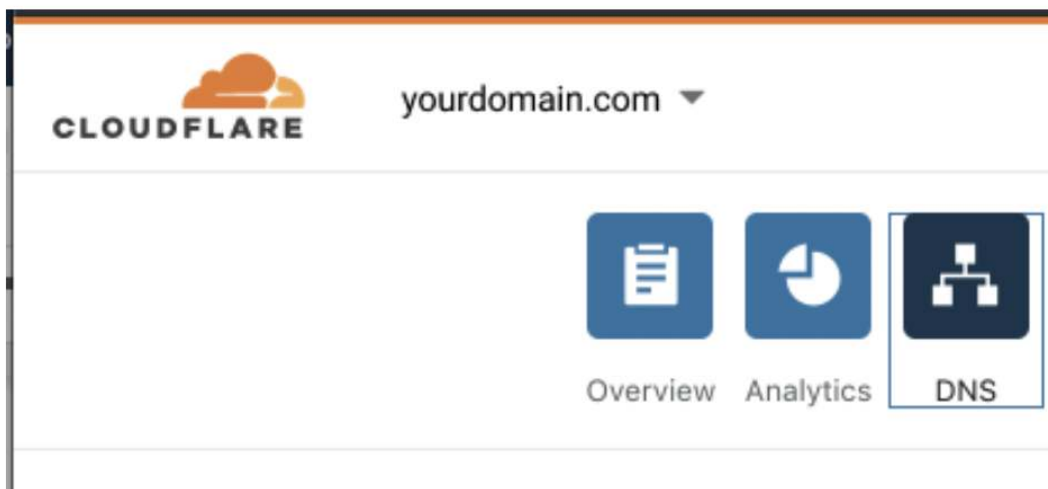


5. Now log in to your DNS records based on where you get the domain and add the 5 DNS records.

To add the 1st TXT record

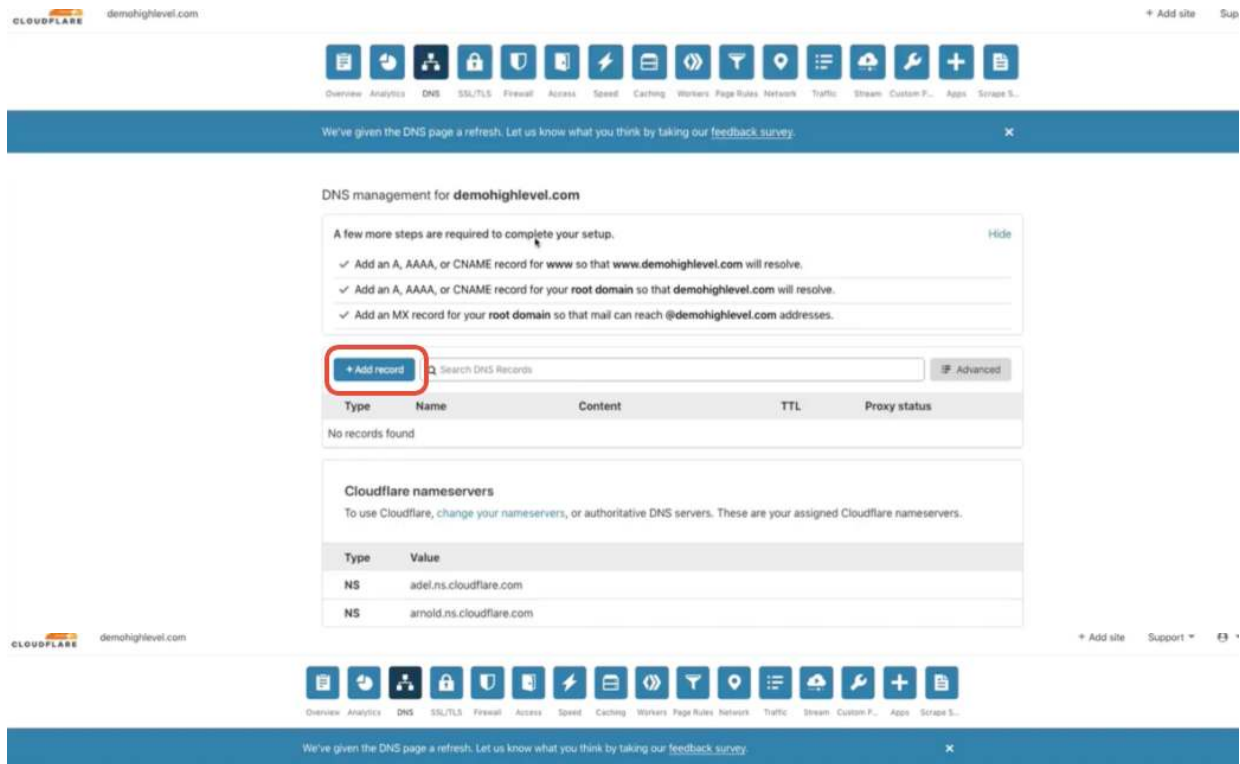
To Add your first TXT record, Log in to the Cloudflare dashboard and select an account and domain.

Click on **DNS > Records**



Click on **+ Add Record**

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DNS management for demohighlevel.com

A few more steps are required to complete your setup.

- ✓ Add an A, AAAA, or CNAME record for **www** so that **www.demohighlevel.com** will resolve.
- ✓ Add an A, AAAA, or CNAME record for your **root domain** so that **demohighlevel.com** will resolve.
- ✓ Add an MX record for your **root domain** so that mail can reach **@demohighlevel.com** addresses.

+ Add record Search DNS Records Advanced

Type	Name	Content	TTL	Proxy status
No records found				

Cloudflare nameservers

To use Cloudflare, change your [nameservers](#), or authoritative DNS servers. These are your assigned Cloudflare nameservers.

Type	Value
NS	adel.ns.cloudflare.com
NS	arnold.ns.cloudflare.com

Add record Search DNS Records Advanced

mg.demohighlevel.com has a record with content `v=spf1 include:mailgun.org ~all`.

Type	Name	Content	TTL
A	B	C	D

Cancel Save

Type	Name	Content	TTL	Proxy status
No records found				

A. Type: Select **TXT** from the Type menu options.

B. Name: **DO NOT INCLUDE THE ROOT DOMAIN**

- Depending on the subdomain you are trying to set up, if you are trying to set up
 - [mg.companyname.com](#) The host name will be **mg**
 - [replies.companyname.com](#) The host name will be **replies**
- If you are setting up a **main** domain like **companyname.com**, the host name will be **@**

C. Content: Same for everyone

paste the following record

`v=spf1 include:mailgun.org ~all`

D. Click on **Save**

To add the 2nd TXT record

Click on **+ Add Record** again

DNS management for **demohighlevel.com**

A few more steps are required to complete your setup. Hide

- ✓ Add an A, AAAA, or CNAME record for **www** so that **www.demohighlevel.com** will resolve.
- ✓ Add an A, AAAA, or CNAME record for your **root domain** so that **demohighlevel.com** will resolve.
- ✓ Add an MX record for your **root domain** so that mail can reach **@demohighlevel.com** addresses.

Add record Search DNS Records Advanced

pic_domainkey.mg.demohighlevel.com has a record with content `k=rsa; p=MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQDIL+bcHVtpQQUG5Fdi6eX7vPu36kKJucHd+Bn33KUXR88JorG9oY779GJSNjXDXi4xQ+7le17aH18GzVqVCMoS85TUccdBO2quWvi3QAAQDaMt7EFilQAXdh+oq385bAoqwlXBGlPMBmcxGMLz+ApI9+9K2sOE9IX6B8grlPIkRQIDAQAB.`

Type	Name *	TTL
A TXT	pic_domainkey.mg B	Auto

Content *

C `k=rsa; p=MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQDIL+bcHVtpQQUG5Fdi6eX7vPu36kKJucHd+Bn33KUXR88JorG9oY779GJSNjXDXi4xQ+7le17aH18GzVqVCMoS85TUccdBO2quWvi3QAAQDaMt7EFilQAXdh+oq385bAoqwlXBGlPMBmcxGMLz+ApI9+9K2sOE9IX6B8grlPIkRQIDAQAB`

D Cancel Save

A. Type: Select **TXT** from the Type menu options.

B. Name: it's a bit tricky but the key here is to copy everything from the beginning until the subdomain part, **DO NOT INCLUDE THE ROOT DOMAIN**

****Everyone's 2nd TXT record host name and value is different**

Examples: **copy the highlighted part ONLY**

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Type	Hostname	Enter this value
✓ TXT	helpdesk.gohighlevel.com	v=spf1 include:mailgun.org ~all
✓ TXT	mx._domainkey .helpdesk.gohighlevel.com	k=rsa; p=MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQDjnVxPDdSPFpnRMGfU07fn5b4Ev6ZqDaQbDL25GHZJ5KMoNl3A/9e4EHUgBm3wNBjFAT4WTyWwagWa/UuDGN20BJcdPtPZKbfcswnHfpKu0e7wdWR7hFFNzSx1YbdDFIGzQo151Lxbmsb1vENY4FE/PPoAcMRtW8qzoPjwUxIgJQIDAQAB

DKIM

You can create up to 3 DKIM keys per domain.

Status	Hostname
Active	mailo._domainkey .funnelmail.com

Example 1 using subdomain:

Copy mx._domainkey.helpdesk as the host name

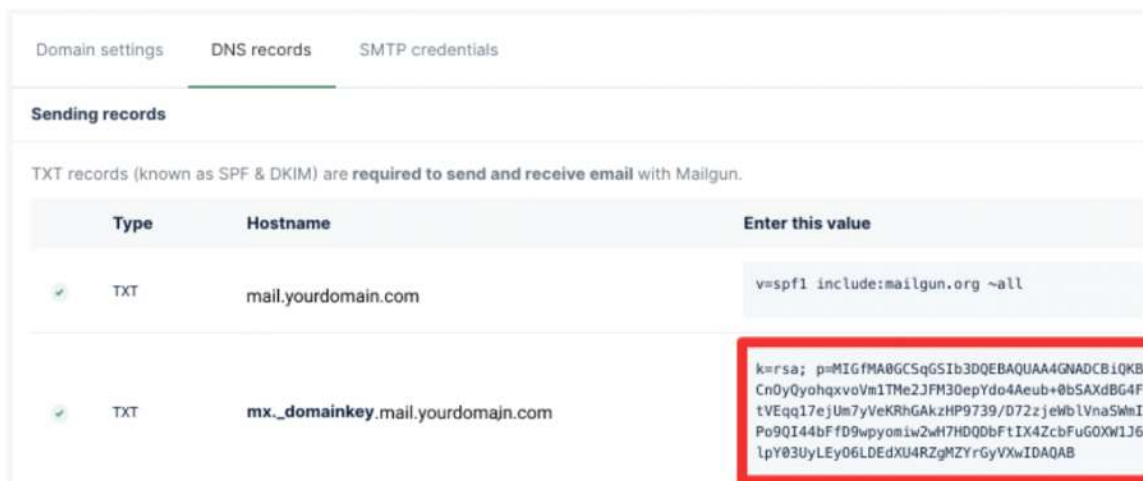
Example 2 using main domain:

Copy mailo._domainkey as the host name

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C. Content: Head back to Mailgun and Copy the 2nd TXT record here **highlighted in the screenshot below**

Content: paste the 2nd very long copied TXT record here

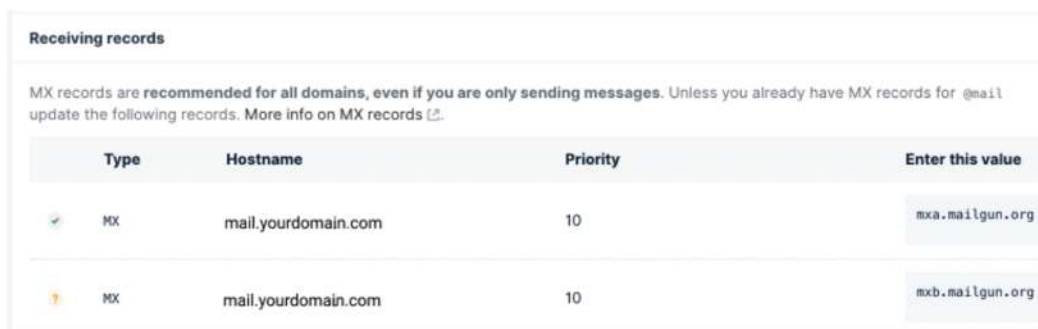


The screenshot shows the 'DNS records' tab in CloudFlare. Under 'Sending records', there are two TXT records. The first record has a hostname of 'mail.yourdomain.com' and a value of 'v=spf1 include:mailgun.org ~all'. The second record has a hostname of 'mx._domainkey.mail.yourdomain.com' and a long DKIM key value. This second record is highlighted with a red box.

Type	Hostname	Enter this value
TXT	mail.yourdomain.com	v=spf1 include:mailgun.org ~all
TXT	mx._domainkey.mail.yourdomain.com	k=rsa; p=MIGfMA0GCsGSIb3DQEBAQUAA4GNADCB1QKB Cn0yQyohqxvoVm1TMe2JFM30epYdo4Aeub+0bSAXdBG4F tVEqQ17ejUm7yVeKRhGakzHP9739/D72zjewblVna5WmI Po9QI44bFd9wpyomiw2wH7HDQDbFtIX4ZcbFuG0XW1J6 lpY03UyLEy06LDEdXU4RZgMZyrgyVXwIDAQAB

D. Click on **Save**

To add the 1st MX records



The screenshot shows the 'Receiving records' tab in CloudFlare. It displays two MX records for the domain. Both records have a hostname of 'mail.yourdomain.com' and a priority of 10. The first record points to 'mx.a.mailgun.org' and the second to 'mx.b.mailgun.org'.

Type	Hostname	Priority	Enter this value
MX	mail.yourdomain.com	10	mx.a.mailgun.org
MX	mail.yourdomain.com	10	mx.b.mailgun.org

Click on **+ Add Record** again

CloudFlare Domain Setup

DNS management for **demohighlevel.com**

A few more steps are required to complete your setup. [Hide](#)

- ✓ Add an A, AAAA, or CNAME record for **www** so that **www.demohighlevel.com** will resolve.
- ✓ Add an A, AAAA, or CNAME record for your **root domain** so that **demohighlevel.com** will resolve.
- ✓ Add an MX record for your **root domain** so that mail can reach **@demohighlevel.com** addresses.

[Add record](#) [Advanced](#)

mx.mailgun.org handles mail for **mg.demohighlevel.com**.

Type	Name *	Mail server *	Priority *	TTL
A MX	B mg	C mx.mailgun.org	D 10	Auto

[Cancel](#) **E** [Save](#)

Type	Name	Content	TTL	Proxy status
TXT	pic_domainkey.mg	k=rsa; p=MIGfMA0GCSqGSIb3DQ...	Auto	DNS only
TXT	mg	v=spf1 include:mailgun.org ~all	Auto	DNS only

If you have a Gsuite account to capture incoming emails for the main domain. Make sure you are using a subdomain for Mailgun. Check out [Can I Use the Same Domain Name for Mailgun and for Google Apps \(Or Another Email Server\)?](#)

A. Type: Select **MX** from the Type menu options.

B. Name: Different for everyone

Depending on the subdomain you are trying to set up, if you are trying to set up

[mg.companyname.com](#) The host name will be **mg**

[replies.companyname.com](#) The host name will be **replies**

If you are setting up a main domain like [companyname.com](#), the host name will be **@**

C. Mail Server: Same for everyone

paste the following data [mx.mailgun.org](#)

D. Priority is **10** which is also same for everyone no matter what domain you are trying to set

E. Click on **Save**

To add the 2nd MX records

Click on **+ Add Record** again

The screenshot shows the CloudFlare DNS Records interface for the domain **mg.demohighlevel.com**. The interface includes a search bar, an "Add record" button, and an "Advanced" toggle. Below the header, the text states "mxh.mailgun.org handles mail for mg.demohighlevel.com". The form for adding a new record is displayed with the following fields:

- Type:** A dropdown menu with "MX" selected. (Labeled A)
- Name:** A text input field containing "mg". (Labeled B)
- Mail server:** A text input field containing "mxh.mailgun.org". (Labeled C)
- Priority:** A text input field containing "10". (Labeled D)
- TTL:** A dropdown menu with "Auto" selected. (Labeled E)

Below the form, there are "Cancel" and "Save" buttons. The "Save" button is highlighted with a red box. Below the form, a table lists existing DNS records:

Type	Name	Content	TTL	Proxy status
MX	mg	mxh.mailgun.org	10 Auto	DNS only
TXT	pic_domainkey.mg	k=rsa; p=MIGfMA0GCSqGSib3DQ...	Auto	DNS only
TXT	mg	v=spf1 include:mailgun.org ~all	Auto	DNS only

A. Type: Select **MX** from the Type menu options.

B. Name: Different for everyone

Depending on the subdomain you are trying to set up, if you are trying to set up

[mg.companyname.com](#) The host name will be **mg**

[replies.companyname.com](#) The host name will be **replies**

If you are setting up a main domain like [companyname.com](#), the host name will be **@**

C. Mail Server: Same for everyone

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paste the following data mxb.mailgun.org

D. Priority is **10** which is also same for everyone no matter what domain you are trying to set

E. Click on **Save**

To add the CNAME record

Tracking records

The CNAME record is necessary for tracking opens, clicks, and unsubscribes.

Type	Hostname	Enter this value
CNAME	email.mail.yourdomain.com	mailgun.org

In Cloudflare, Click on **+ Add Record** again

DNS management for demohighlevel.com

A few more steps are required to complete your setup.

- ✓ Add an A, AAAA, or CNAME record for **www** so that **www.demohighlevel.com** will resolve.
- ✓ Add an A, AAAA, or CNAME record for your **root domain** so that **demohighlevel.com** will resolve.
- ✓ Add an MX record for your **root domain** so that mail can reach **@demohighlevel.com** addresses.

email.mg.demohighlevel.com is an alias of mailgun.org.

Type: CNAME Name: email.mg Target: mailgun.org TTL: Auto Proxy status: DNS only

Save

Type	Name	Content	TTL	Proxy status
MX	mg	mxh.mailgun.org	10	Auto
MX	mg	mxh.mailgun.org	10	Auto
TXT	pic_domainkey.mg	k=rsa; p=MIGfMA0GCSqGSIb3DQ...	Auto	Auto
TXT	mg	v=spf1 include:mailgun.org ~all	Auto	Auto

A. Type: Select **CNAME** from the Type menu options.

B. Name: Different for everyone

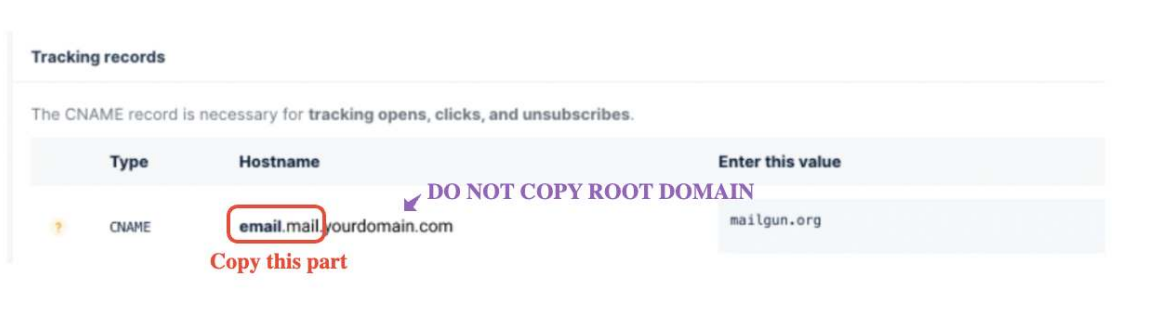
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Head back to Mailgun to copy the host name, it's a bit tricky but the key here is to copy everything from the beginning until the subdomain part, **DO NOT copy the main domain**

Depending on the subdomain you are trying to set up, if you are trying to set up

- **mg.companyname.com** The host name will be **email.mg**
- **replies.companyname.com** The host name will be **email.replies**

If you are setting up a main domain like **companyname.com**, the host name will be **email**



Tracking records

The CNAME record is necessary for tracking opens, clicks, and unsubscribes.

Type	Hostname	Enter this value
CNAME	email.mail.yourdomain.com	mailgun.org

DO NOT COPY ROOT DOMAIN

Copy this part

C. Target: Same for everyone

paste the following data **mailgun.org**

D. Click on the orange cloud Proxied to make it **DNS only**

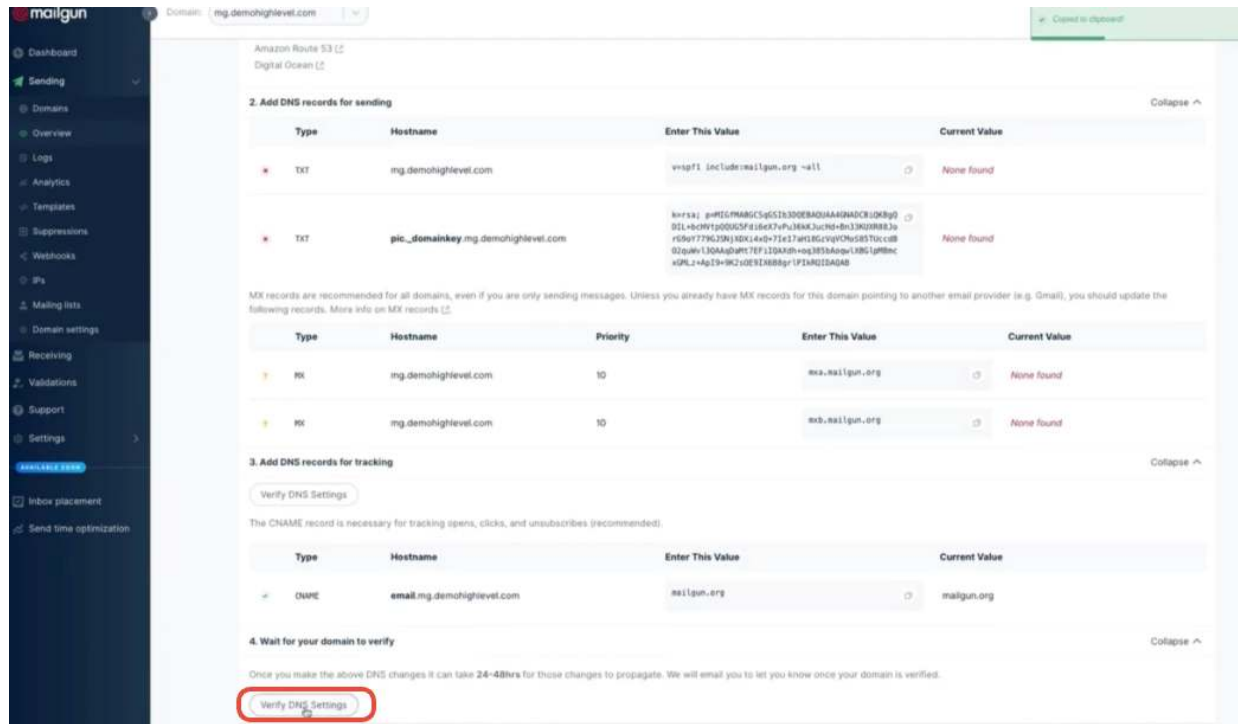
E. Click on **Save**

Type	Name	Content	TTL	Proxy status
CNAME	email.mg	mailgun.org	Auto	 DNS only
MX	mg	mx1.mailgun.org	10	DNS only
MX	mg	mx2.mailgun.org	10	DNS only
TXT	pic_domainkey.mg	k=rsa; p=MIGfMA0GCSqGSIb3DQ...	Auto	DNS only
TXT	mg	v=spf1 include:mailgun.org ~all	Auto	DNS only

Now that you have added 5 records, Go back to Mailgun and click on **Verify DNS Settings**

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Click the same button to **Verify DNS Settings** again if some records are still not showing the green checkmark



Once you add all the DNS records and verify, you can grab the [Mailgun API Key](#) - Where to Find in Mailgun & Put in HighLevel

Then we could send a test email to see if everything works! Click here to learn [How to send a test email in the Conversation](#)