

# CTTK

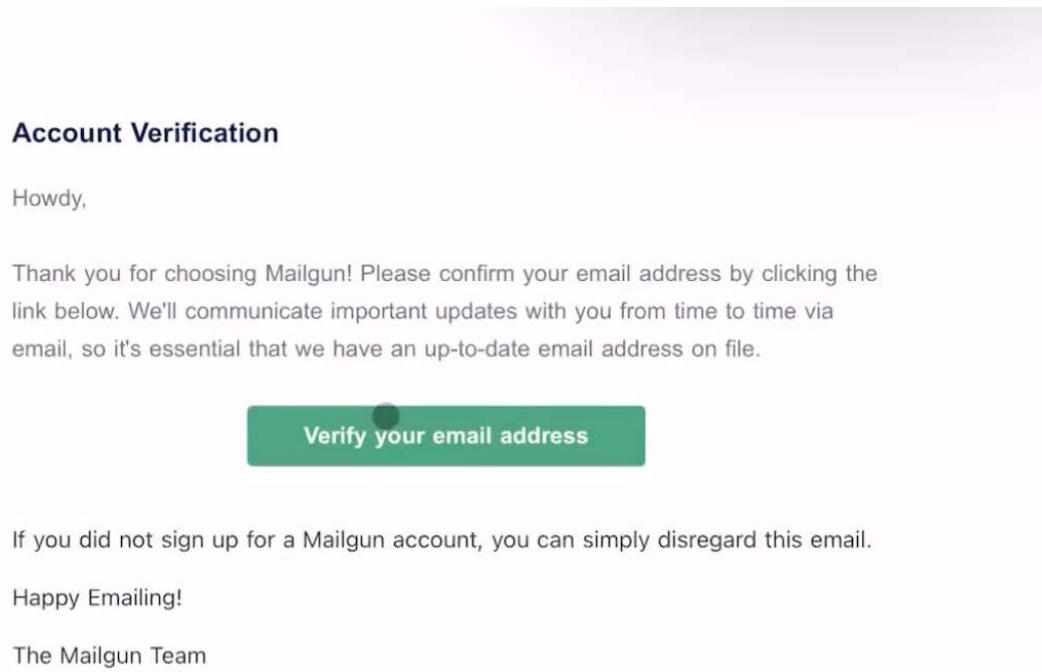
## CloudFlare Domain Setup



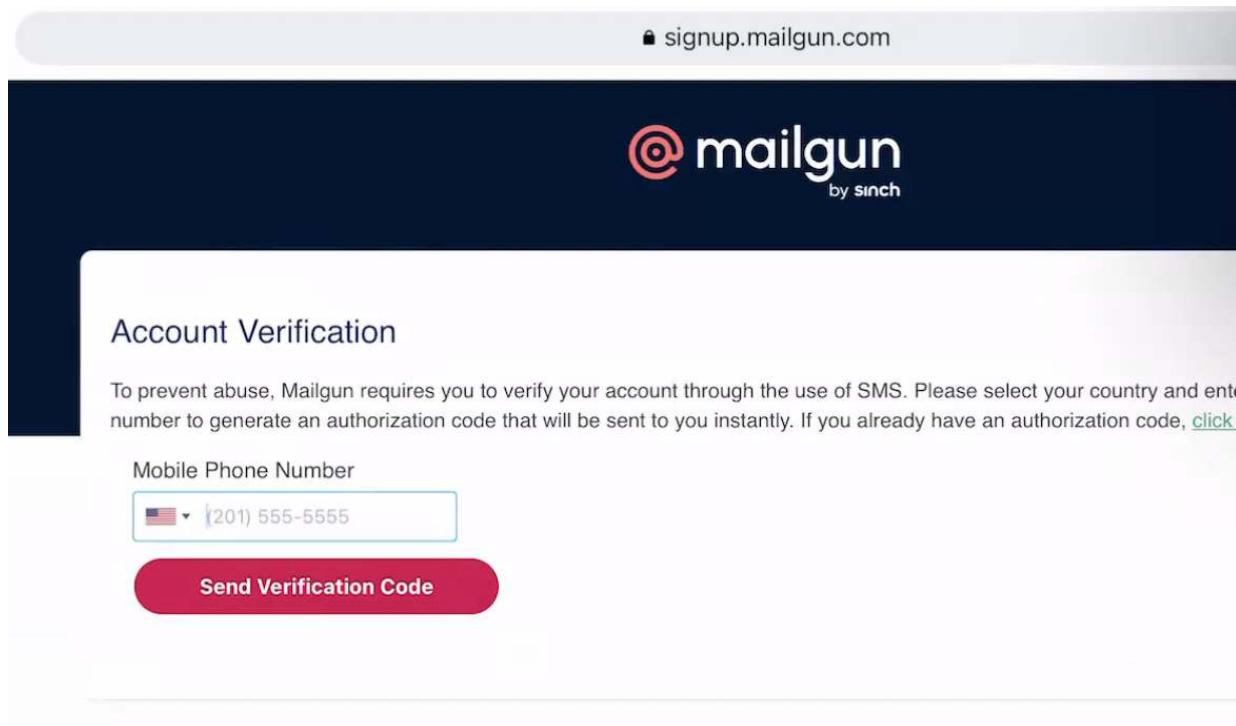
## Step-by-step Mailgun Setup

1. Sign up for [Mailgun.com](#)

2. Check your email inbox to verify the email address



## CloudFlare Domain Setup



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



### 4. If your domain is `companynname.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

## CloudFlare Domain Setup

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**

Back to all domains      Add new domain

Domain name\*

mg.mydomain.com

Domain region ?

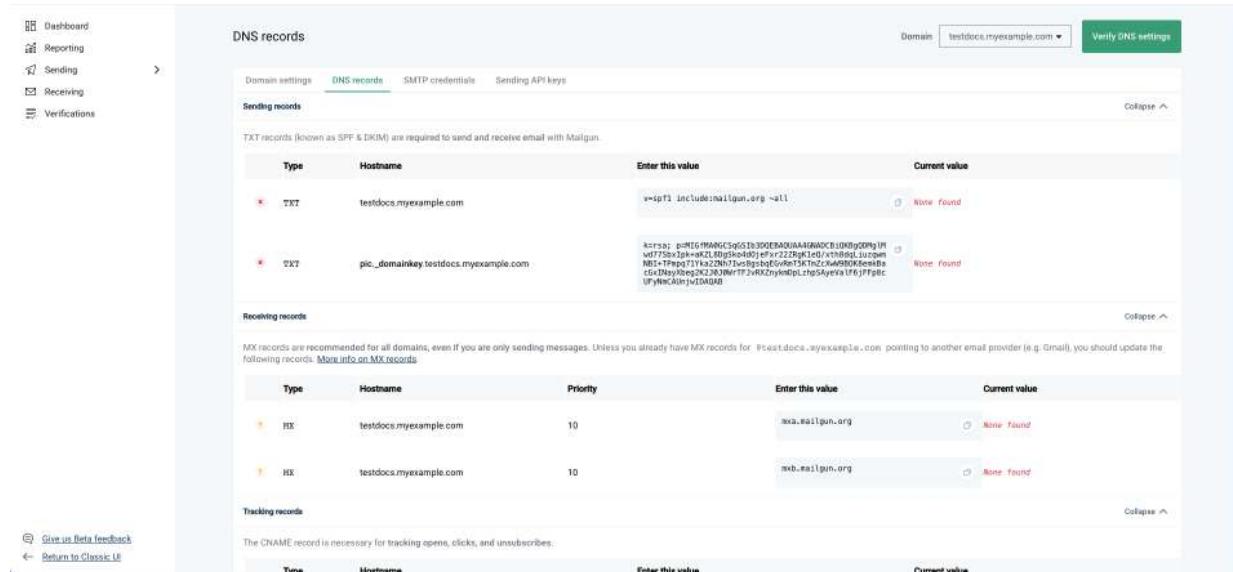
US       EU

> [Advanced settings \(DKIM\)](#)

Add Domain

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.

## CloudFlare Domain Setup



Domain: testdocs.myexample.com Verify DNS settings

**Sending records**

TXT records (known as SPF & DKIM) are required to send and receive email with Mailgun.

Type	Hostname	Enter this value	Current value
TXT	testdocs.myexample.com	v=spf1 include:mailgun.org ~all	<span>None found</span>
TXT	txt._domainkey.testdocs.myexample.com	long complex value	<span>None found</span>

**Receiving records**

MX records are recommended for all domains, even if you are only sending messages. Unless you already have MX records for `testdocs.myexample.com` pointing to another email provider (e.g. Gmail), you should update the following records. [More info on MX records](#)

Type	Hostname	Priority	Enter this value	Current value
MX	testdocs.myexample.com	10	mxa.mailgun.org	<span>None found</span>
MX	testdocs.myexample.com	10	mxb.mailgun.org	<span>None found</span>

**Tracking records**

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

Type	Hostname	Enter this value	Current value
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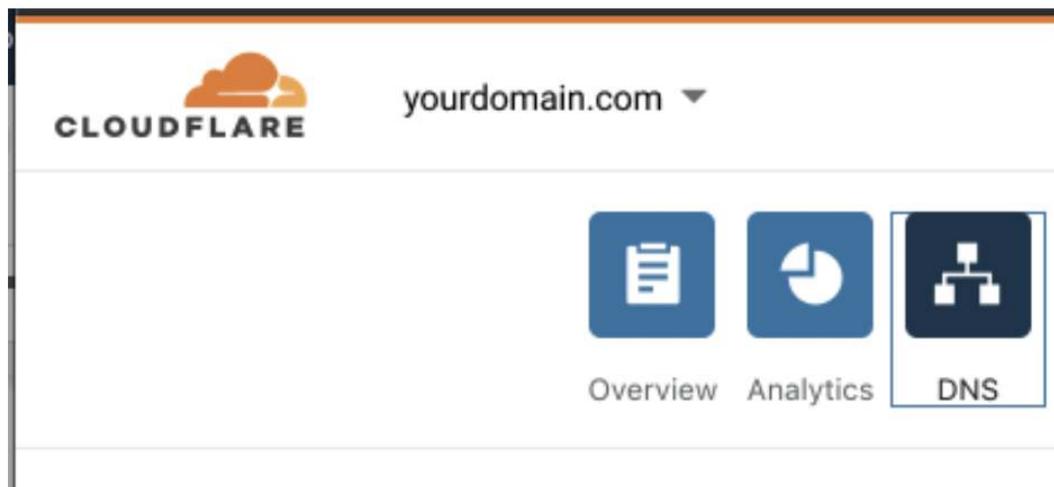
[Give us Beta feedback](#) [Return to Classic UI](#)

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

# CloudFlare Domain Setup

The screenshot shows the CloudFlare DNS management interface for the domain `demohighlevel.com`. The top navigation bar includes links for Overview, Analytics, DNS, SSL/TLS, Firewall, Access, Speed, Caching, Workers, Page Rules, Network, Traffic, Stream, Custom F..., Apps, and Scraper S... A blue banner at the top says, "We've given the DNS page a refresh. Let us know what you think by taking our [feedback survey](#)." Below the banner, a message box says, "A few more steps are required to complete your setup." It lists three items: "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.", and "Add an MX record for your root domain so that mail can reach `@demohighlevel.com` addresses." A red box highlights the `+ Add record` button. The main table shows no records found. The "Cloudflare nameservers" section lists two NS records: `adel.ns.cloudflare.com` and `arnold.ns.cloudflare.com`. The "Add record" modal for `mg.demohighlevel.com` has the following fields: Type: `TXT` (highlighted by red box A), Name: `mg` (highlighted by red box B), Content: `v=spf1 include:mailgun.org ~all` (highlighted by red box C), TTL: `Auto`, and a `Save` button (highlighted by red box D).

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.companynname.com** The host name will be `mg`
  - **replies.companynname.com** The host name will be `replies`
- If you are setting up a **main domain** like `companynname.com`, the host name will be `@`

C. Content: Same for everyone

## CloudFlare Domain Setup

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.

- ✓ 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**

**pic\_.domainkey.mg.demohighlevel.com** has a record with content **k=rsa; p=MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQDIL+bcHVtpQQUG5Fdi6eX7vPu36kKJucHd+Bn33KUXR88JorG9oY779GJSNjXDXi4xQ+7le17aH18GzVqVCMoS85TUccdB02quWvI3QAAqDaMt7EFilQAXdh+oq385bAoqwIXBGipMBmcxGMLz+ApI9+9K2sOE9IX6B8grlPlkRQIDAQAB.**

Type	Name *	TTL
A <b>TXT</b>	<b>pic_.domainkey.mg</b>	<b>Auto</b>
Content *	<b>k=rsa; p=MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQDIL+bcHVtpQQUG5Fdi6eX7vPu36kKJucHd+Bn33KUXR88JorG9oY779GJSNjXDXi4xQ+7le17aH18GzVqVCMoS85TUccdB02quWvI3QAAqDaMt7EFilQAXdh+oq385bAoqwIXBGipMBmcxGMLz+ApI9+9K2sOE9IX6B8grlPlkRQIDAQAB</b>	

**C**

**D**

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**

## CloudFlare Domain Setup

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	mailto._domainkey.funnelsmail.com

### Example 1 using subdomain:

**Copy mx.\_domainkey.helpdesk as the host name**

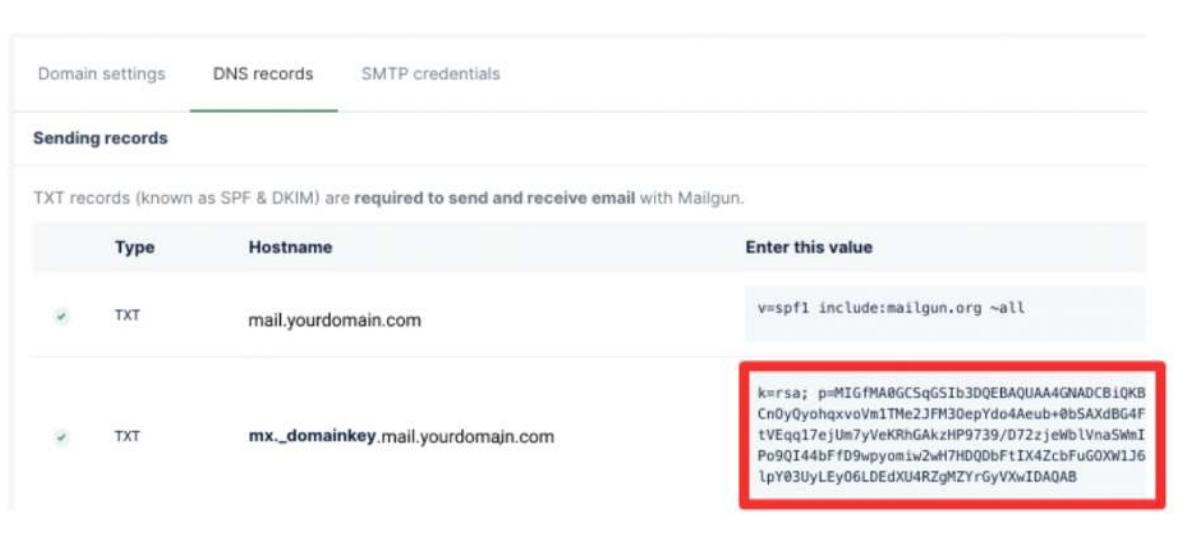
### Example 2 using main domain:

**Copy mailo.\_domainkey as the host name**

## CloudFlare Domain Setup

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



Domain settings DNS records SMTP credentials

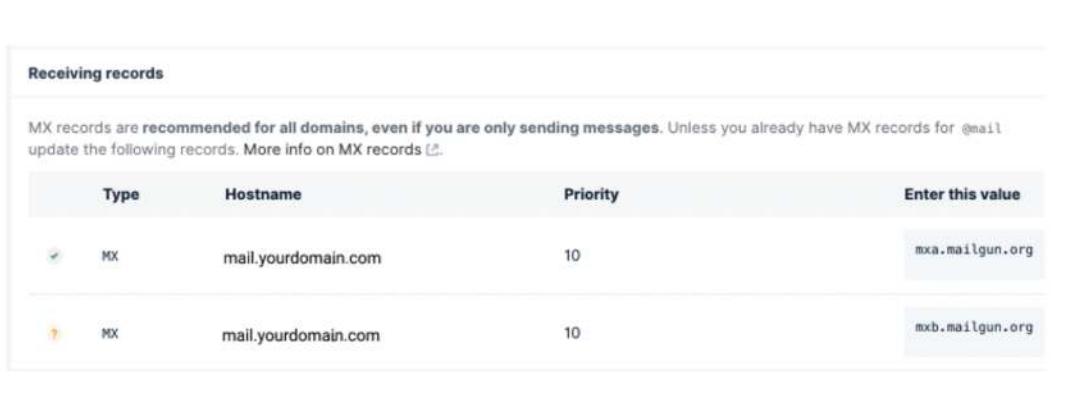
**Sending records**

TXT records (known as SPF & DKIM) are required to send and receive email with Mailgun.

Type	Hostname	Enter this value
<input checked="" type="checkbox"/> TXT	mail.yourdomain.com	v=spf1 include:mailgun.org ~all
<input checked="" type="checkbox"/> TXT	mx._domainkey.mail.yourdomain.com	<pre>k=rsa; p=MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKB Cn0yQyohqxvoVm1TMe2JFM30epYdo4Aeub+0bSAXdBG4F tVEqq17ejUm7yVeKRhGAKzHP9739/D72zjeWb1VnaSWmI Po9QI44bFfd9wpyomiw2wH7HDQDbFtIX4ZcbFuGOXW1J6 lpY03UyLEy06LDEdXU4RZgMZYrGyVXwIDAQAB</pre>

D. Click on **Save**

## To add the 1st MX records



Receiving records

MX records are **recommended** for all domains, even if you are only sending messages. Unless you already have MX records for @mail, update the following records. [More info on MX records](#)

Type	Hostname	Priority	Enter this value
<input checked="" type="checkbox"/> MX	mail.yourdomain.com	10	mx.a.mailgun.org
<input checked="" type="checkbox"/> 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.

- ✓ 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.

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

Type	Name *	Mail server *	Priority *	TTL
MX	mg	mx.a.mailgun.org	10	Auto

**A** **B** **C** **D** **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.a.mailgun.org**

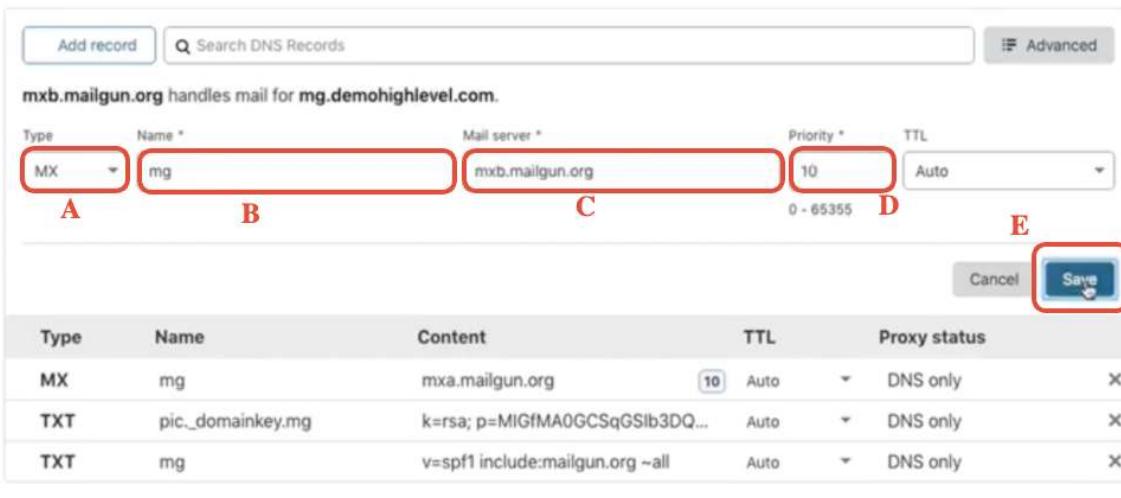
## CloudFlare Domain Setup

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



Type	Name	Content	TTL	Proxy status
MX	mg	mxa.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 **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](http://mg.companyname.com) The host name will be **mg**

[replies.companyname.com](http://replies.companyname.com) The host name will be **replies**

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

C. Mail Server: Same for everyone

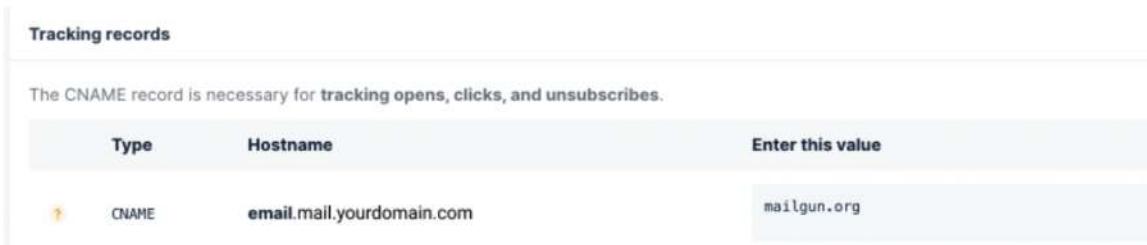
## CloudFlare Domain Setup

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**

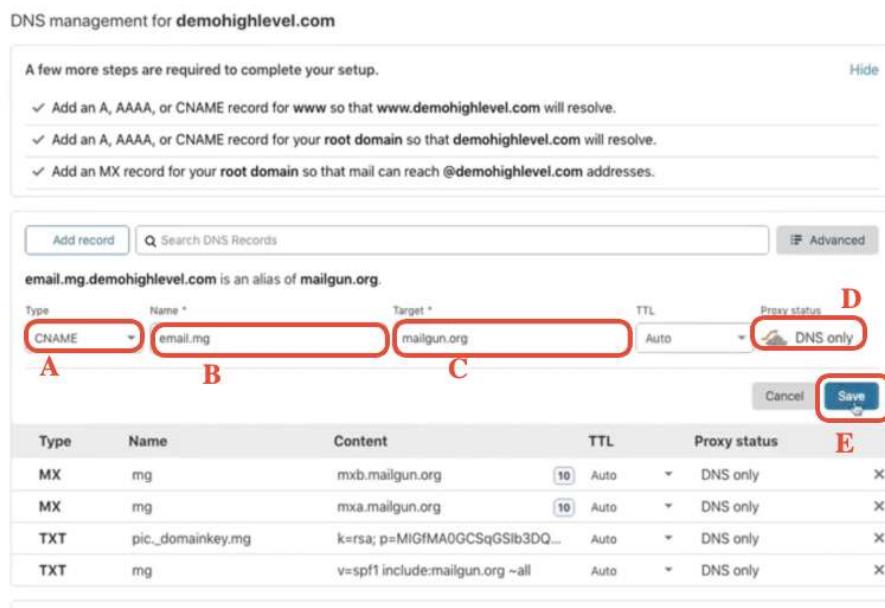
## To add the CNAME record



The screenshot shows the 'Tracking records' section of the CloudFlare dashboard. It displays a table with one row of data:

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

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



The screenshot shows the 'DNS management for demohighlevel.com' page. It displays a list of tasks to complete and a table of existing DNS records.

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

**Existing DNS Records:**

Type	Name	Content	TTL	Proxy status
MX	mg	mxb.mailgun.org	10	Auto
MX	mg	mxs.mailgun.org	10	Auto
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 **CNAME** from the Type menu options.

B. Name: Different for everyone

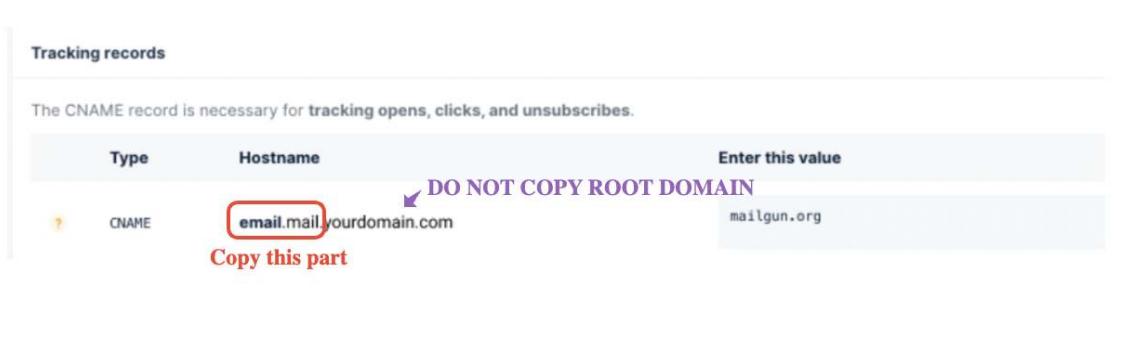
## CloudFlare Domain Setup

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`



The screenshot shows the 'Tracking records' section in CloudFlare. It displays a CNAME record with the following details:

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

A purple arrow points to the 'Enter this value' field, with the text 'DO NOT COPY ROOT DOMAIN' written above it. A red box highlights the 'email.mail.yourdomain.com' part of the Hostname field, and a red arrow points to the 'Copy this part' text below it.

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	mxb.mailgun.org	10	Auto	
MX	mg	mx.a.mailgun.org	10	Auto	
TXT	pic._domainkey.mg	k=rsa; p=MIGfMA0GCSqGSIb3DQ...	Auto	Auto	
TXT	mg	v=spf1 include:mailgun.org ~all	Auto	Auto	

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

## CloudFlare Domain Setup

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

mailgun

Domain: mg.demohighlevel.com

Close to clipboard

Amazon Route 53 ↗  
Digital Ocean ↗

2. Add DNS records for sending

Type	Hostname	Enter This Value	Current Value
TXT	mg.demohighlevel.com	version1 include@mailgun.org ~all	None found
TXT	pic._domainkey.mg.demohighlevel.com	kerasj p#MISfMABGCSqGSIb3DQEBAQIAHqN4DCh10K8g9 D1L+B+HNYt00G5f1deX7Pu36KXJucHd-8n13R0fR832x r509779G25Mj32Xk4x+71e17w1BGcvqChuSB5TocdB 02quh130AMaput77F1D04h+o+385Baowq1Xg51pHmc v0RL2+4p19+9C2I6E7I888y7r1P1HQ13A0AB	None found

MX records are recommended for all domains, even if you are only sending messages. Unless you already have MX records for this domain pointing to another email provider (e.g. Gmail), you should update the following records. More info on MX records ↗

Type	Hostname	Priority	Enter This Value	Current Value
MX	mg.demohighlevel.com	10	mx1.mailgun.org	None found
MX	mg.demohighlevel.com	10	mx2.mailgun.org	None found

3. Add DNS records for tracking

Verify DNS Settings

Close to clipboard

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

Type	Hostname	Enter This Value	Current Value
CNAME	email.mg.demohighlevel.com	mailgun.org	mailgun.org

4. Wait for your domain to verify

Once you make the above DNS changes it can take 24-48hrs for those changes to propagate. We will email you to let you know once your domain is verified.

Verify DNS Settings

Close to clipboard

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](#)