

# TravelMemory Application Deployment Using MERN Stack

Domain Setup with Cloudflare: - Connect your custom domain to the application using Cloudflare. -

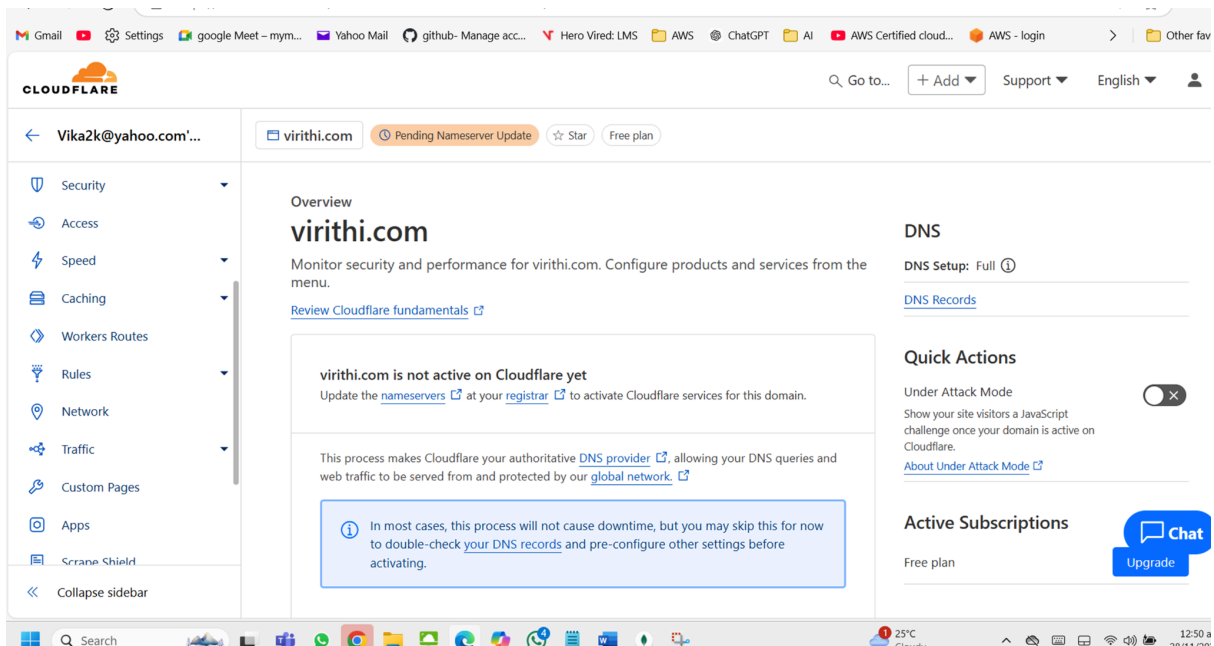
- Create a CNAME record pointing to the load balancer endpoint.
- Set up an A record with the IP address of the EC2 instance hosting the front end.

Purchase DNS in godaddy - virithi.com is my DNS

Log In to cloudflare

Set up DNS

Important :- Add names in your DNS nameservers - virithi.com



## Cloudflare Nameservers

Every DNS zone on Cloudflare is assigned a set of Cloudflare-branded nameservers.

Type	Value
NS	courtney.ns.cloudflare.com
NS	lochlan.ns.cloudflare.com

### 1. Add a CNAME Record

1. In your Cloudflare dashboard, under the **DNS** section:
  - Click **Add Record**.
2. Enter the following details:
  - **Type**: Select CNAME from the dropdown.
  - **Name**: Enter www (if you want it for the www subdomain) or leave blank for the root domain.
  - **Target**: Enter your **load balancer endpoint** (e.g., lb-endpoint.amazonaws.com).
  - **Proxy Status**: Set to **Proxied** (this enables Cloudflare's performance and security features).
3. Click **Save**.

### 2. Add an A Record for the Root Domain

If you want your root domain (e.g., example.com) to point to your EC2 instance:

1. In the DNS section:
  - Click **Add Record**.
2. Enter the following details:
  - **Type**: Select A from the dropdown.
  - **Name**: Enter @ (this represents the root domain).
  - **IPv4 Address**: Enter the public IP address of your EC2 instance hosting the frontend.
  - **Proxy Status**: Set to **Proxied**.

3. Click **Save**.

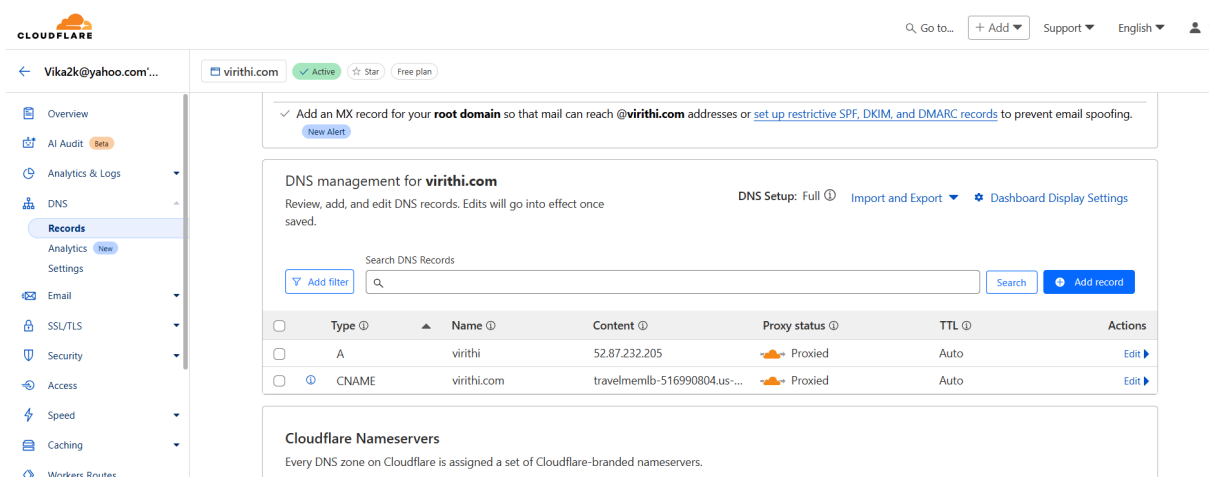
3. Verify the Setup



- 1. Once you’ve added the records, test your domain:
  - Visit `http://www.yourdomain.com` to confirm the CNAME works.
  - Visit `http://yourdomain.com` to confirm the A record works.
- 2. Use tools like [DNS Checker](#) to verify that your DNS changes have propagated globally.

Example Configuration

If your load balancer endpoint is `lb-example.amazonaws.com` and your EC2 public IP is `203.0.113.10`, the setup would look like this:

Type	Name	Content	Proxy Status
CNAME	www	lb-example.amazonaws.com	Proxied
A	@	203.0.113.10	Proxied





Domains

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virithi.com

OverviewDNSProducts

DNS RecordsForwardingNameserversPremium DNSHostnamesDS Records

Nameservers determine where your DNS is hosted and where you add, edit or delete your DNS records.












Using custom nameservers

Nameservers ?

courtney.ns.cloudflare.com

lochlan.ns.cloudflare.com

https://virithi.com/addexperience




Travel Memory   Add Experience

Trip Name

Add your Trip Name

Trip Date

dd/mm/yyyy



dd/mm/yyyy

Name of Hotels

Add your Hotel Name

Trip Type

Backpacking

Total Cost

0

Places Visited

Delhi, Paris, London, etc.

Featured Trip?

☐ True

☒ False

Image Link