

# Custom domain and automated encryption (SSL/TLS)

## Prerequisites

If the firewall is enabled on your service, ensure that **port 80 is open**. This is required for SSL certificate creation and renewal.

## Accessing the Configuration

1. Go to the **Overview** tab of your service dashboard.
2. Locate the **Custom Domain Names** section inside the **Domain Management** tab.
3. Click **Manage Domains**.

Custom Domain Names

Indicate the list of domains for which you want to activate SSL<sup>Ⓢ</sup>

Manage SSL Domains

In this section, you will have two ways to configure custom domains.

## Method 1: Manual DNS Setup

### Configure Domains



To activate HTTPS / TLS / SSL on your service you must indicate the domain name(s) in the list below. You will also need to create a DNS entry on your domain name (from your registrar control panel) pointing to your service:

A

@ → 159.195.1.140

OR

CNAME

www → wordpress-hlyvn-u62.vm.elestio.app

wordpress-hlyvn-u62.vm.elestio.app

Enter domain/sub domain (hit 'Enter' to add)

1. In this step, enter your domain and press **Enter** to add it to the list of authorized domains.
2. Configure DNS records in your domain registrar panel.

## Required DNS Records

- **A record:**

@ → <service IPv4>

(Points the root domain to your service IP)

- **CNAME record:**

www → <service CNAME>

(Recommended remains stable even if your IP changes, e.g., after migration.)

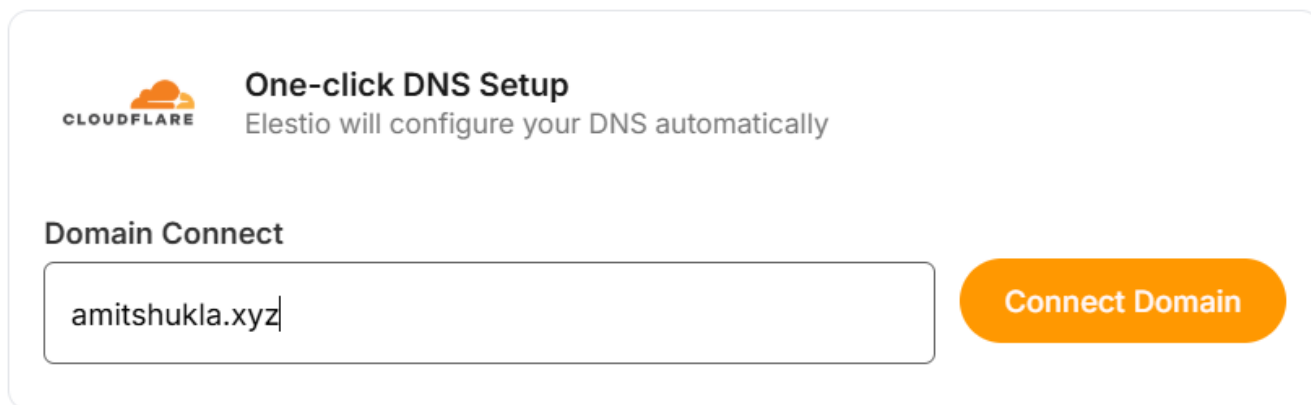
3. Verify DNS propagation using a tool like: <https://dnschecker.org/>

Once propagation is complete, the SSL certificate will be **automatically generated and renewed**, and HTTPS will start working.

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## Method 2: One-Click DNS Setup via Cloudflare (Domain Connect)

A **One-click DNS Setup** section is available if the domain name server or registrar is Cloudflare, allowing automatic DNS configuration via the Domain Connect protocol.



### Steps

1. Enter your domain (e.g. `example.com`).
2. Click **Connect Domain**.
3. This action will redirect you to the Cloudflare dashboard for accepting the DNS record configuration.

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## Environment Variable Update

Some applications require updating an environment variable to reflect the configured domain.



To update:

1. Go to the **Overview** page of your service.

2. Click the **Update Config** tab in the software row.
  3. Open the **Env** tab.
  4. Update the domain-related environment variable.
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## Cloudflare Reverse Proxy Users

If you are using method 1 and want Cloudflare with the proxy enabled (orange cloud icon), refer to the detailed guide:

<https://docs.elest.io/books/security/page/using-cloudflare>

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## Troubleshooting: SSL Not Generated

### View Nginx Logs

You can inspect logs using a terminal command:

```
cd /opt/elestio/nginx;  
docker-compose logs -f;
```

Press `Ctrl + C` to stop live log output.

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## Reset SSL Data Folder

In some cases, the SSL data directory `/opt/elestio/nginx/ssl_data` may become corrupted:

To fix:

1. Connect to your service via terminal.
2. Run the below command.

```
cd /opt/elestio/nginx/;  
docker-compose down;  
mv ./ssl_data/ ./ssl_data_old/;  
mkdir ./ssl_data/;  
chmod 777 ./ssl_data/;  
docker-compose up -d
```

Once executed, just open your custom website URL again, and your certificate should be generated and your site served over SSL/TLS.

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