

# Custom domains on CI/CD pipelines

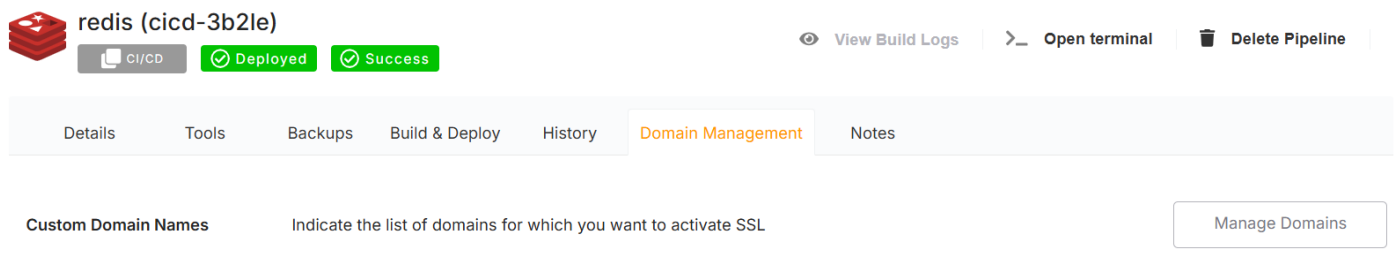
## Prerequisites

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

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## Accessing the Configuration

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



The screenshot shows the dashboard for a pipeline named 'redis (cicd-3b2le)'. At the top, there are three status indicators: 'CI/CD', 'Deployed', and 'Success'. To the right, there are three action buttons: 'View Build Logs', 'Open terminal', and 'Delete Pipeline'. Below this is a navigation bar with tabs: 'Details', 'Tools', 'Backups', 'Build & Deploy', 'History', 'Domain Management' (which is highlighted), and 'Notes'. Under the 'Domain Management' tab, there is a section titled 'Custom Domain Names' with the instruction 'Indicate the list of domains for which you want to activate SSL'. A 'Manage Domains' button is located to the right of this section.

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

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## Method 1: Manual DNS Setup

## Configure Domains



To activate HTTPS / TLS / SSL on your pipeline 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 pipeline:

**A**

@ → 159.195.104.136

OR

**CNAME**

www → redis-u62.vm.elestio.app

redis-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.



## One-click DNS Setup

Elestio will configure your DNS automatically

### Domain Connect

Connect Domain

## 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.

## 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>

## 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 pipeline.
2. Click the **Build & Deploy** tab.
3. Open the **Environment variable** section.
4. Update the domain-related environment variable.

## 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 command below.

```
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; your certificate should be generated, and your site served over SSL/TLS.

We recommend using CNAME records instead of A records; that way, if you later decide to move your pipeline in 1 click from our UI, it will work right away. If you used an A record, you will have to go back to your registrar to update the A record to point to the new IP address.

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