

# **Getting CMS Up & Running**

**Version**

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# Getting CMS Up & Running

## documentation

Add your content using `reStructuredText` syntax. See the [reStructuredText](#) documentation for details.

# GHOST CMS INSTALLATION

# SETTING UP FRONT END

## Domain Name



## DNS Configuration

Type	Name	Content
A	domain-name.ca	Public IP Address
MX	domain-name.ca	mail.domain-name.ca

## E-Mail Delivery Services

### Marketing E-Mail Campaigns (MAILGUN)

#### Important

For Ghost CMS to function properly, you need to set up e-mail services for sending notification and authentication e-mails. While there are many providers, Mailgun is recommended. Create a Mailgun account and configure it to handle your domain's email delivery. This is essential for sending newsletters and other marketing emails.

### Business E-Mail (Google Workspace)

# CONFIGURATIONS

## Nginx

Reverse Proxy Configuration (non-SSL)

```
map $status $header_content_type_options {
    204 "";
    default "nosniff";
}

server {
    listen 80;
    listen [::]:80;

    server_name activcount.ca www.activcount.ca;
    root /var/www/activcount/system/nginx-root; # Used for acme.sh
    SSL verification (https://acme.sh)

    location / {
        proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
        proxy_set_header X-Forwarded-Proto $scheme;
        proxy_set_header X-Real-IP $remote_addr;
        proxy_set_header Host $http_host;
        proxy_pass http://127.0.0.1:2368;

        add_header X-Content-Type-Options
        $header_content_type_options;
    }

    location ~ /\.well-known {
        allow all;
    }

    client_max_body_size 50m;
}
```

### Important

This configuration is for a reverse proxy setup with Nginx, which forwards requests to the Ghost CMS instance running on port 2368. Ensure that the server name matches your domain and that the root directory and port number are set correctly.

### Tip

You may run the command `ghost ls` to display the port number of the Ghost CMS instance.

## Reverse Proxy Configuration (SSL)

```
map $status $header_content_type_options {
    204 "";
    default "nosniff";
}

server {
    listen 443 ssl http2;
    listen [::]:443 ssl http2;

    server_name activcount.ca;
    root /var/www/activcount/system/nginx-root; # Used for acme.sh
    SSL verification (https://acme.sh)

    ssl_certificate /etc/letsencrypt/activcount.ca/fullchain.cer;
    ssl_certificate_key /etc/letsencrypt/activcount.ca/
    activcount.ca.key;
    include /etc/nginx/snippets/ssl-params.conf;

    location / {
        proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
        proxy_set_header X-Forwarded-Proto $scheme;
        proxy_set_header X-Real-IP $remote_addr;
        proxy_set_header Host $http_host;
        proxy_pass http://127.0.0.1:2368;

        add_header X-Content-Type-Options
        $header_content_type_options;
    }

    location ~ /\.well-known {
        allow all;
    }
}
```



```
    client_max_body_size 1g;  
}
```

## Ghost CMS

configuration.json

```
{  
  "url": "https://techquadbit.net",  
  "server": {  
    "port": 2370,  
    "host": "127.0.0.1"  
  },  
  "database": {  
    "client": "mysql",  
    "connection": {  
      "host": "127.0.0.1",  
      "user": "ghost-66",  
      "password": "%MIRFnU]qo+Cv@)07&ei",  
      "database": "techquadbit_4"  
    }  
  },  
  "mail": {  
    "transport": "SMTP",  
    "options": {  
      "host": "smtp.mailgun.org",  
      "port": 587,  
      "secure": false,  
      "service": "Mailgun",  
      "auth": {  
        "user": "postmaster@activcount.info",  
        "pass": "@@@@redelanax"  
      }  
    }  
  },  
  "logging": {  
    "transports": [  
      "file",  
      "stdout"  
    ]  
  },  
  "process": "systemd",  
  "paths": {  
    "contentPath": "/var/www/techquadbit.net/content"  
  }  
}
```

# FREQUENTLY USED COMMANDS

To specify the Node.js version to use for Ghost CMS

```
$ nvm use 20.11.1
```

To list information about the Ghost CMS instance

```
$ ghost ls
```

