

Linux Based Apache Server Hosting Guide (MERN Stack)

If hosting server is running on AWS using IP Address

- ❖ To restrict files and folders to show when hitting only IP address in the browser like <http://93.127.195.119/> and show custom message.

Step 1:

- Create an index.html file in /var/www/html folder
- It will display the content written in the index.html file.

- ❖ To restrict files and folders to show when hitting only IP address in the browser like <http://93.127.195.119/server/> and show 403.html page.

Step 1:

- Create a 403.html file in /var/www/html folder.
- It will display the content written in the 403.html file.

Step 2:

- To display a custom 403 error page (e.g., 403.html) for forbidden requests, you can configure Apache to use a custom ErrorDocument directive.
- Here's how you can modify your VirtualHost configuration to include this:

Ex:

```
sudo nano /etc/apache2/sites-available/000-default.conf
```

```
<VirtualHost *:80>
```

```
ServerAdmin webmaster@example.com
```

```
DocumentRoot /var/www/html
```

```
ServerName 52.63.24.244
```

```
ServerAlias www.52.63.24.244
```

```
<Directory "/var/www/html/server">
```

```
Options -Indexes
```

```
Require all denied
```

```
</Directory>
```

```
# Custom error pages
```

```
ErrorDocument 403 /403.html
```

```
ErrorLog ${APACHE_LOG_DIR}/error.log
```

```
CustomLog ${APACHE_LOG_DIR}/access.log combined
```

```
</VirtualHost>
```

For Hosting server other than AWS

```
<VirtualHost *:80>
  ServerAdmin webmaster@localhost
  DocumentRoot /var/www/html

  <Directory /var/www/html/server>
    Options -Indexes
    AllowOverride None
    Require all granted
  </Directory>

  ErrorLog ${APACHE_LOG_DIR}/error.log
  CustomLog ${APACHE_LOG_DIR}/access.log combined
</VirtualHost>
```