**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>