

Hosting Application in a Custom Path - Apache 2

Step 1: Create a directory in /var/www

`mkdir filename`

Step 2: Create a index.html file in the new directory

Use nano or vim

Step 3: Goto /etc/apache2/sites-available

Create a file appname.conf and update it with the below code

Note: Change the appname accordingly

```
<VirtualHost *:80>
# Primary domain
ServerName test-alb-1029540300.ap-south-1.elb.amazonaws.com

# Additional domain names or subdomains
ServerAlias www.test-alb-1029540300.ap-south-1.elb.amazonaws.com myapp.test.com
app.test.com

DocumentRoot /var/www/html

Alias /myapp /var/www/myapp
<Directory /var/www/myapp>
    Options Indexes FollowSymLinks
    AllowOverride All
    Require all granted
</Directory>

ErrorLog ${APACHE_LOG_DIR}/myapp_error.log
CustomLog ${APACHE_LOG_DIR}/myapp_access.log combined
</VirtualHost>
```

Using Multiple ServerName or ServerAlias

- ServerName is the primary domain name.
- ServerAlias allows you to specify additional names or subdomains that the server should respond to.

Step 4: Check the apache 2 configuration

`sudo apache2ctl configtest`

Step 5: Execute the command

`sudo a2ensite filename.conf`

Step 5: Reload apache2

Sudo systemctl reload apache2

Step 6: Ensure Directory Permissions:

Ensure the **/var/www/myapp** directory has the correct permissions:

sudo chown -R www-data:www-data /var/www/myapp
sudo chmod -R 755 /var/www/myapp