

# Optimalisasi Server

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# Konfigurasi MPM Event Apache

Setup Apache ke **MPM Event + PHP-FPM**

1□ Cek MPM Apache yang aktif

```
apachectl -V | grep -i mpm
```

- `mpm_prefork` □ → harus diganti
- `mpm_event` □ → sudah benar

2□ Nonaktifkan MPM Prefork dan PHP 8.1

```
sudo a2dismod mpm_prefork
```

```
sudo a2dismod php8.1
```

3□ Aktifkan MPM Event

```
sudo a2enmod mpm_event
```

4□ Aktifkan Integrasi Apache ↔ PHP-FPM

```
sudo a2enmod proxy_fcgi setenvif
```

```
sudo a2enconf php8.1-fpm
```

5□ Restart Apache & PHP-FPM

```
sudo systemctl restart php8.1-fpm
```

```
sudo systemctl restart apache2
```

6□ Pastikan MPM Event Aktif

```
apachectl -V | grep -i mpm
```

Output harus:

```
Server MPM:  event
```

7□ Optimasi untuk Server Ram Besar

```
sudo nano /etc/apache2/mods-available/mpm_event.conf
```

```
<IfModule mpm_event_module>  
  StartServers      2  
  MinSpareThreads  25  
  MaxSpareThreads  75  
  ThreadLimit      64  
  ThreadsPerChild  25  
  MaxRequestWorkers 400  
  MaxConnectionsPerChild 5000  
</IfModule>
```

```
sudo systemctl restart apache2
```

# Konfigurasi Apache MPM Prefork + PHP (mod\_php)

## 1 Nonaktifkan PHP-FPM

```
sudo systemctl stop php8.1-fpm
sudo systemctl disable php8.1-fpm
```

Nonaktifkan konfigurasi Apache FPM:

```
sudo a2disconf php8.1-fpm
sudo a2dismod proxy_fcgi
```

## 2 Aktifkan MPM Prefork

Matikan MPM Event:

```
sudo a2dismod mpm_event
```

Aktifkan Prefork:

```
sudo a2enmod mpm_prefork
```

## 3 Pastikan **mod\_php** sesuai versi **PHP** terpasang:

```
sudo apt install libapache2-mod-php8.1
```

```
sudo a2enmod php8.1
```

## 4 Restart Apache Prefork

```
sudo systemctl restart php81.-fpm
```

```
sudo systemctl restart apache2
```

## 5 Cek MPM:

```
apachectl -V | grep -i mpm
```

Harus muncul:

Server MPM: prefork

## 6 □ Optimasi Prefork

```
sudo nano /etc/apache2/mods-available/mpm_prefork.conf
```

```
<IfModule mpm_prefork_module>  
  StartServers      5  
  MinSpareServers   5  
  MaxSpareServers   10  
  MaxRequestWorkers 150  
  MaxConnectionsPerChild 3000  
</IfModule>
```

```
sudo systemctl restart apache2
```