



# PHP + Nginx

Security Beginnings in 7 steps



# Step 1

PHP + Nginx

## Linux update & upgrade

```
sudo apt-get update  
locales
```

**iiEasy we are Experts!!**





## Step 2

PHP + Nginx

### MySQL Installation

```
sudo apt-get install mysql-server php5-mysql
```

### MySQL Activation

```
sudo mysql_install_db
```

### MySQL Script

```
sudo /usr/bin/mysql_secure_installation
```



## Step 3

PHP + Nginx

# The marvelous Nginx

```
sudo apt-get install nginx
```

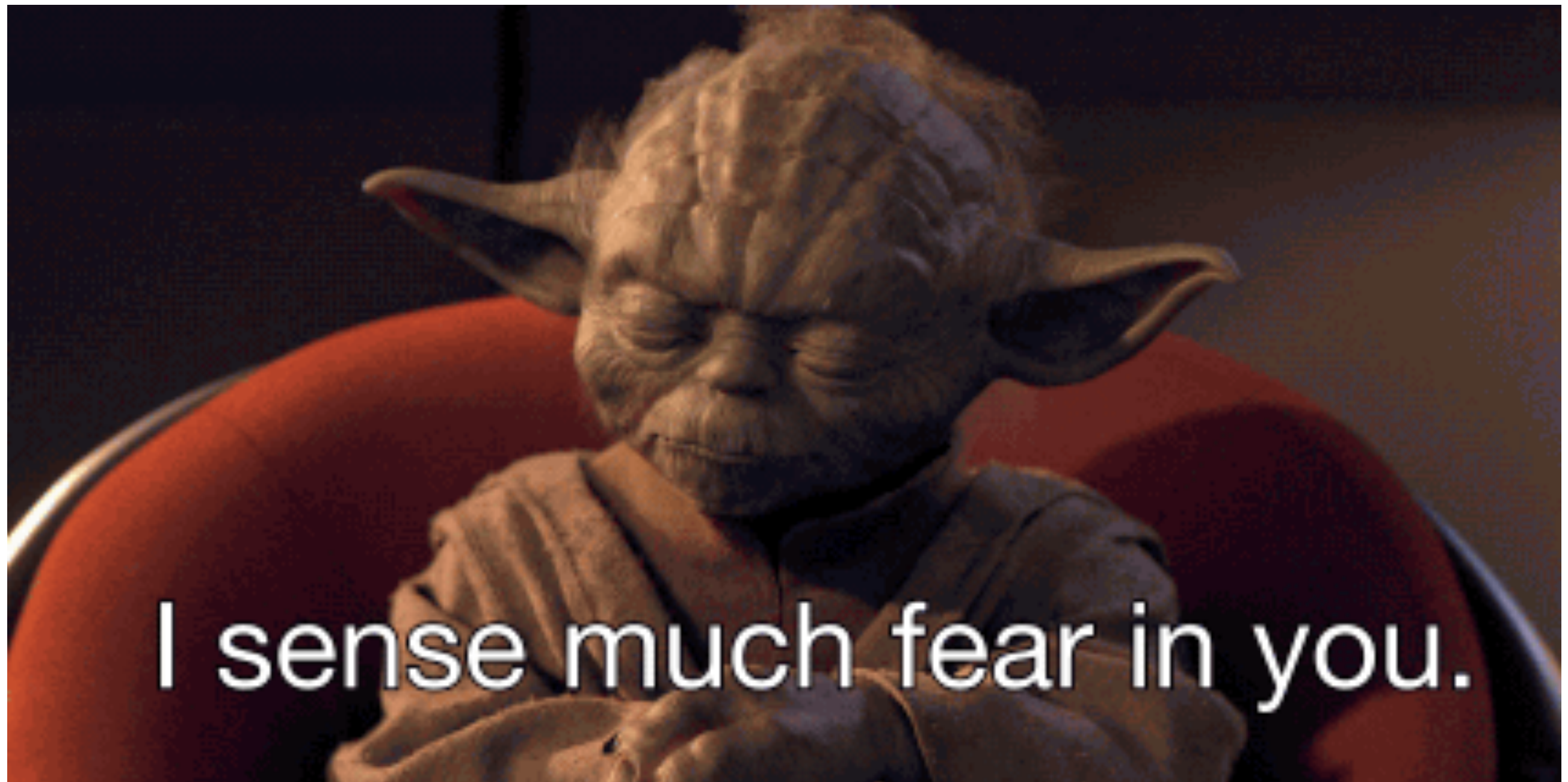


## Step 4

PHP + Nginx

### Install PHP

```
sudo apt-get install php5-fpm
```







## Step 5

PHP + Nginx

# ¡Almost Done! Configure PHP

sudo nano /etc/php5/fpm/php.ini





## Step 5

PHP + Nginx

### What to Configure?

```
cgi.fix_pathinfo=0
```

### In case it doesn't change

```
sudo nano /etc/php5/fpm/pool.d/www.conf
```

```
listen = 127.0.0.1:9000  
to /var/run/php5-fpm.sock.
```

```
listen = /var/run/php5-fpm.sock
```

### Restart

```
sudo service php5-fpm restart
```



## Step 6

PHP + Nginx

# The Powerful Nginx

```
sudo nano /etc/nginx/sites-available/default
```





## PHP + Nginx

```
server {  
    listen 80;  
  
    root /usr/share/nginx/html;  
    index index.php index.html index.htm;  
  
    server_name 0.0.0.0;  
  
    location / {  
        try_files $uri $uri/ /index.html;  
    }  
  
    error_page 404 /404.html;  
  
    error_page 500 502 503 504 /50x.html;  
    location = /50x.html {  
        root /usr/share/nginx/html;  
    }  
  
    # pasamos el script de php al servidor FastCGI escuchando en el socket $  
    location ~\.php$ {  
        try_files $uri =404;  
        fastcgi_pass unix:/var/run/php5-fpm.sock;  
        fastcgi_index index.php;  
        fastcgi_param SCRIPT_FILENAME $document_root$fastcgi_script_name$;  
        include fastcgi_params;  
    }  
}
```



```
server {  
    listen 80;  
  
    root /usr/share/nginx/html;  
    index index.php index.html index.htm index.nginx-debian.html;  
  
    server_name 0.0.0.0;  
  
    location / {  
        try_files $uri $uri/ =404;  
    }  
  
    error_page 404 /404.html;  
  
    location ~ \.php$ {  
        fastcgi_pass unix:/var/run/php5-fpm.sock;  
        fastcgi_index index.php;  
        include fastcgi_params;  
    }  
}
```



## Step 7

PHP + Nginx

### Create a PHP page

```
sudo nano /usr/share/nginx/www/info.php
```

Add:

```
<?php  
phpinfo();  
?>
```

Restart

```
sudo service nginx restart
```



PHP + Nginx

# Sip, terminamos

