

*** Установить Nginx и настроить его на работу с PHP-FPM.**

```
apt install nginx
```

```
systemctl status nginx
```

```
ss -ntlp
```

и настроить его на работу с PHP-FPM.

```
apt install php8.1-fpm
```

```
cd /etc/nginx/sites-available/
```

```
nano default
```

```
location ~ \.php$ {
```

```
include snippets/fastcgi-php.conf;
```

```
fastcgi_pass unix:/run/php/php8.1-fpm.sock;
```

```
}
```

```
nginx -t
```

```
systemctl reload nginx
```

*** Установить Apache.**

```
apt install apache2
```

Настроить обработку PHP.

```
cd /var/www/html
```

```
cat > info.php
```

```
<?php
```

```
phpinfo();
```

```
?>
```

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

Добиться одновременной работы с Nginx.

```
cd /etc/apache2
```

```
nano ports.conf
```

```
80 => 8080
```

```
cd sites-enabled
```

```
nano 000-default.conf
```

```
80 => 8080
```

```
systemctl start apache2
```

```
systemctl status apache2
```

```
ss -ntlp
```

*** Настроить схему обратного прокси для Nginx (динамика - на Apache).**

```
cd /etc/nginx/sites-available/  
nano default  
location / {  
    proxy_pass http://localhost:8080;  
    proxy_set_header Host $host;  
    proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;  
    proxy_set_header X-Real-IP $remote_addr;  
}  
location ~* ^.+.(jpg|jpeg|gif|png|ico|css|zip|pdf|txt|tar|js)$ {  
    root /var/www/html;  
}  
nginx -t  
systemctl reload nginx
```

*** Установить MySQL.**

```
apt install mysql-server-8.0  
sudo mysql
```

Создать новую базу данных и таблицу в ней.

```
mysql> show databases;  
use mysql;  
show tables;  
SELECT * FROM user;  
SELECT * FROM user\G;  
CREATE DATABASE gb;  
mysql> CREATE DATABASE gb;  
mysql> use gb;  
mysql> show tables;  
mysql> CREATE TABLE test (i INT);
```