

Ubuntu?????????Let's Encrypt?????????

??

??

- Ubuntu 20.04
- Apache 2.4??????????
- Let's Encrypt????????

???

????????????????????

??

????????????????

- ????????

```
cd /etc/apache2/sites-enabled && pwd
```

- ????????????

```
ls -la
```

sites-le-ssl.conf ??????Let's Encrypt??

??????????????

```
sites-le-ssl.conf
```

- ????????????

```
ls -la
```

????????????????????

????????????????????

- ????????

```
cd /etc/apache2/sites-available/ && pwd
```

- ??????

```
sudo mv sites-le-ssl.conf /path/to/backup/directory/sites-le-ssl.conf.$(date +%Y%m%d)
```

- ???????

```
ls -la sites-le-ssl.conf
```

????????????????

```
ls -la /path/to/backup/directory/sites-le-ssl.conf.$(date +%Y%m%d)
```

????????????????

Apache????????

- ???

```
sudo apache2ctl configtest
```

Syntax OK ??????

- ??????

```
sudo systemctl restart apache2.service
```

- ???????

```
systemctl status apache2.service
```

active (running) ??????

????????????????????

Let's Encrypt????????????????

```
sudo certbot delete --cert-name [ ] [ ] [ ] [ ] [ ] [ ] [ ]
```

```
-----  
Deleted all files relating to certificate [ ] [ ] [ ]  
-----
```

????????????????OK???

