

SSL

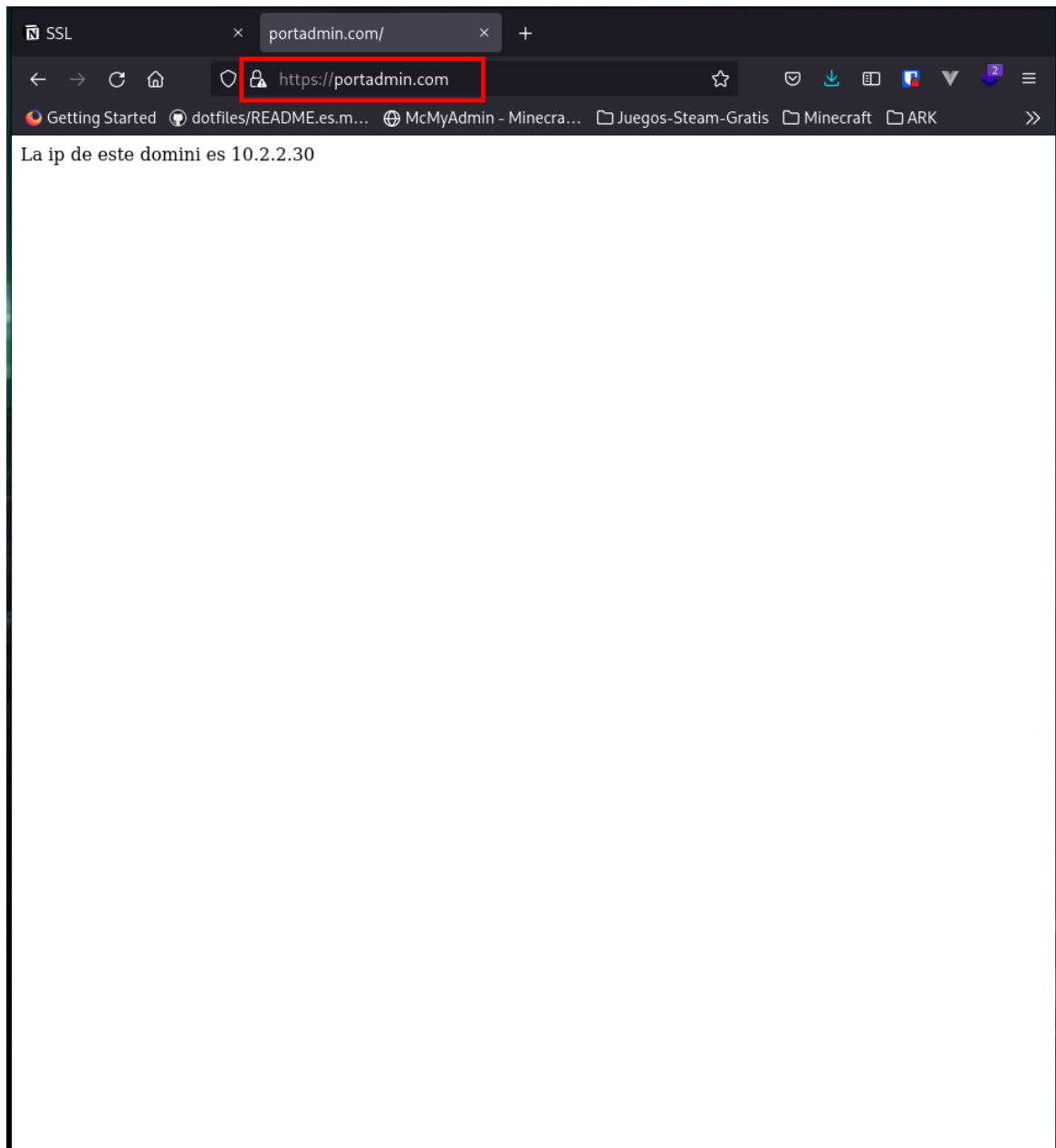
```
sudo mkdir /etc/apache2/certs
```

```
sudo openssl req -x509 -nodes -days 365 -newkey rsa:2048 -keyout /etc/apache2/certs/apache2.key -out /etc/apache2/certs/apache2.crt
```

```
vicent@vicentserver:~$ sudo openssl req -x509 -nodes -days 365 -newkey rsa:2048 -keyout /etc/a
pache2/certs/apace2.key -out /etc/apache2/certs/apache2.crt
Generating a RSA private key
.....+++++
.....+++++
writing new private key to '/etc/apache2/certs/apace2.key'
-----
You are about to be asked to enter information that will be incorporated
into your certificate request.
What you are about to enter is what is called a Distinguished Name or a DN.
There are quite a few fields but you can leave some blank
For some fields there will be a default value,
If you enter '.', the field will be left blank.
-----
Country Name (2 letter code) [AU]:ES
State or Province Name (full name) [Some-State]:Valencia
Locality Name (eg, city) []:Tavernes
Organization Name (eg, company) [Internet Widgits Pty Ltd]:IES Jaume II
Organizational Unit Name (eg, section) []:DAW
Common Name (e.g. server FQDN or YOUR name) []:Vicent
Email Address []:vicentciscar17@gmail.com
vicent@vicentserver:~$
```

```
sudo a2enmod ssl
```

```
vicent@vicentserver:~$ sudo a2enmod ssl
Considering dependency setenvif for ssl:
Module setenvif already enabled
Considering dependency mime for ssl:
Module mime already enabled
Considering dependency socache_shmcb for ssl:
Enabling module socache_shmcb.
Enabling module ssl.
See /usr/share/doc/apache2/README.Debian.gz on how to configure SSL and create self-signed cer
tificates.
To activate the new configuration, you need to run:
systemctl restart apache2
```



Certificate	
Vicent	
Subject Name Country ES State/Province Valencia Locality Tavernes Organization Jaume II Organizational Unit DAW Common Name Vicent Email Address vicentiscar17@gmail.com	
Issuer Name Country ES State/Province Valencia Locality Tavernes Organization Jaume II Organizational Unit DAW Common Name Vicent Email Address vicentiscar17@gmail.com	
Validity Not Before Fri, 29 Oct 2021 15:16:45 GMT Not After Sat, 29 Oct 2022 15:16:45 GMT	
Public Key Info Algorithm RSA Key Size 2048 Exponent 65537 Modulus C7:21:3C:3A:7D:76:FA:5B:E6:3B:DF:0E:4F:7B:75:BB:2D:D8:98:CF:40:E5:0F:C...	
Miscellaneous Serial Number 1A:16:E0:1A:A9:25:46:74:27:86:6F:CC:6E:33:D7:3A:1B:8B:3F:27 Signature Algorithm SHA-256 with RSA Encryption Version 3 Download PEM (cert) PEM (chain)	
Fingerprints SHA-256 E9:49:57:6A:AB:40:A0:00:9A:61:4B:2B:E6:00:57:62:CC:EB:E8:32:5A:DC:1C:A... SHA-1 0C:9C:CF:F9:21:DD:98:93:E8:D6:F1:65:9E:2D:81:95:42:B7:D9:D5	
Basic Constraints Certificate Authority Yes	
Subject Key ID Key ID BC:5F:73:41:2A:DC:F7:F4:2A:F7:00:F4:36:20:33:DE:D3:33:D0:8D	
Authority Key ID Key ID BC:5F:73:41:2A:DC:F7:F4:2A:F7:00:F4:36:20:33:DE:D3:33:D0:8D	