



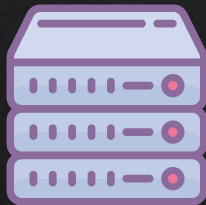
FACEBOOK WEB SERVER
195.44.2.1



HACKER WEB SERVER
44.204.13.14



GOOGLE WEB SERVER
204.79.197.200

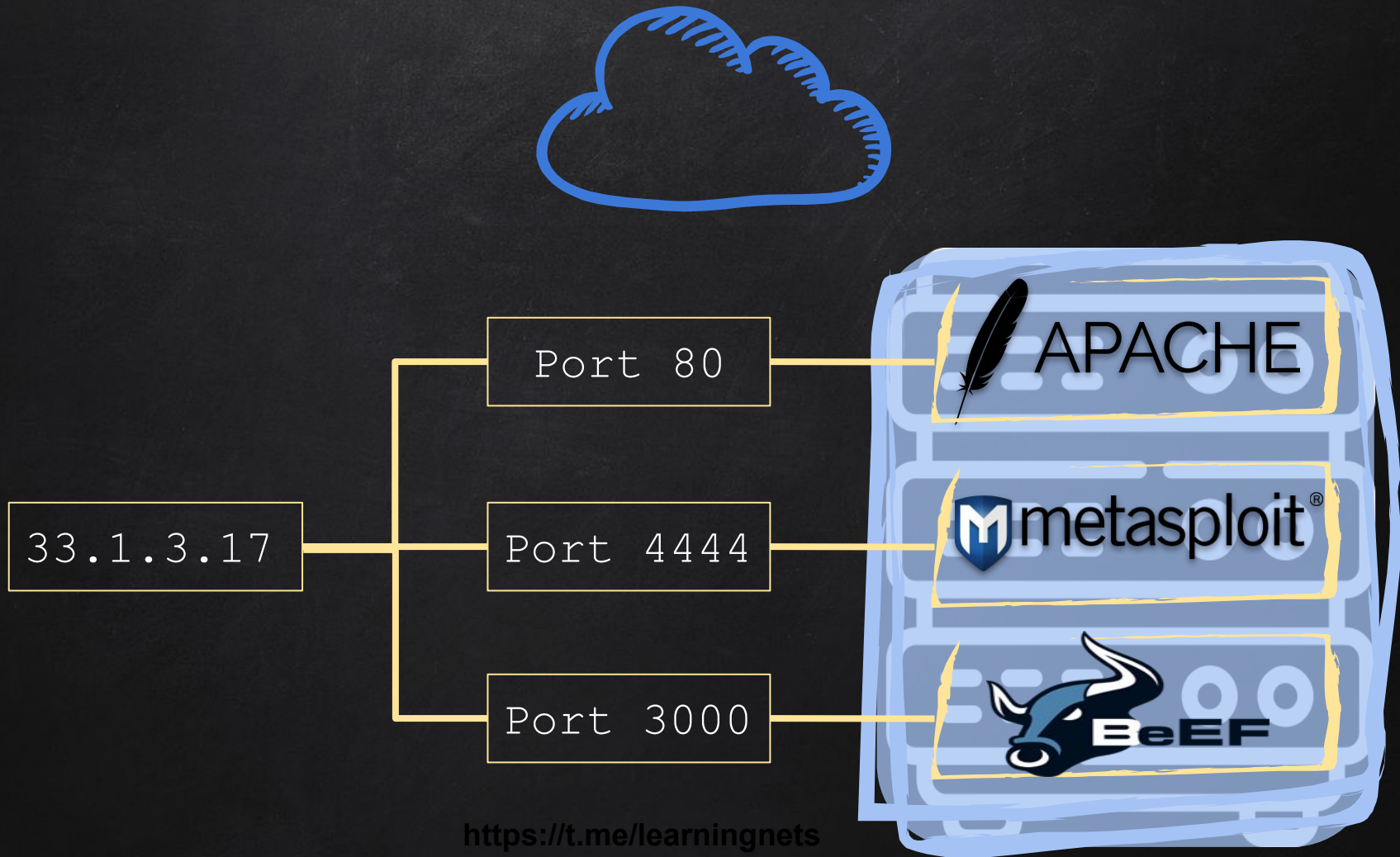


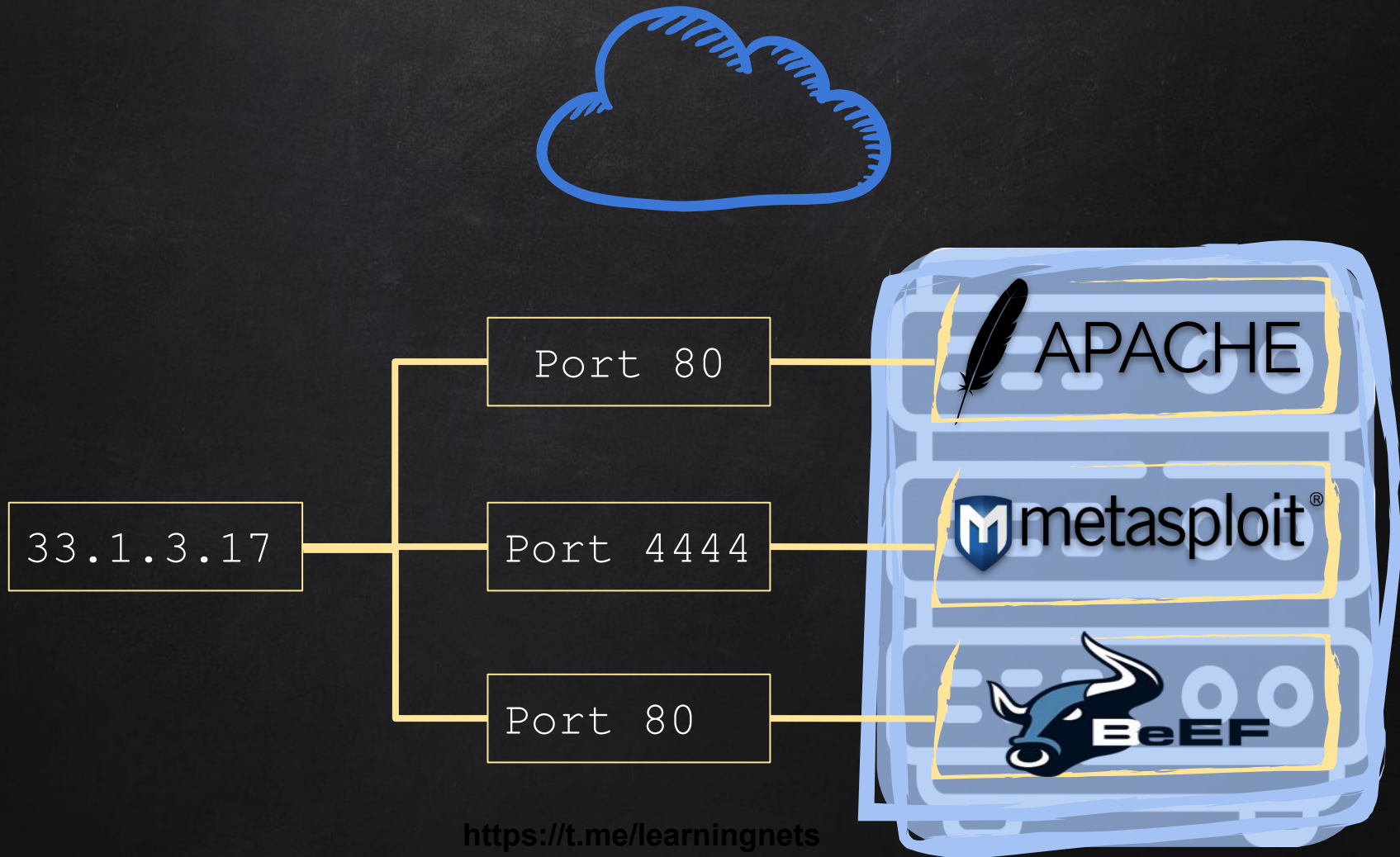
DNS SERVER

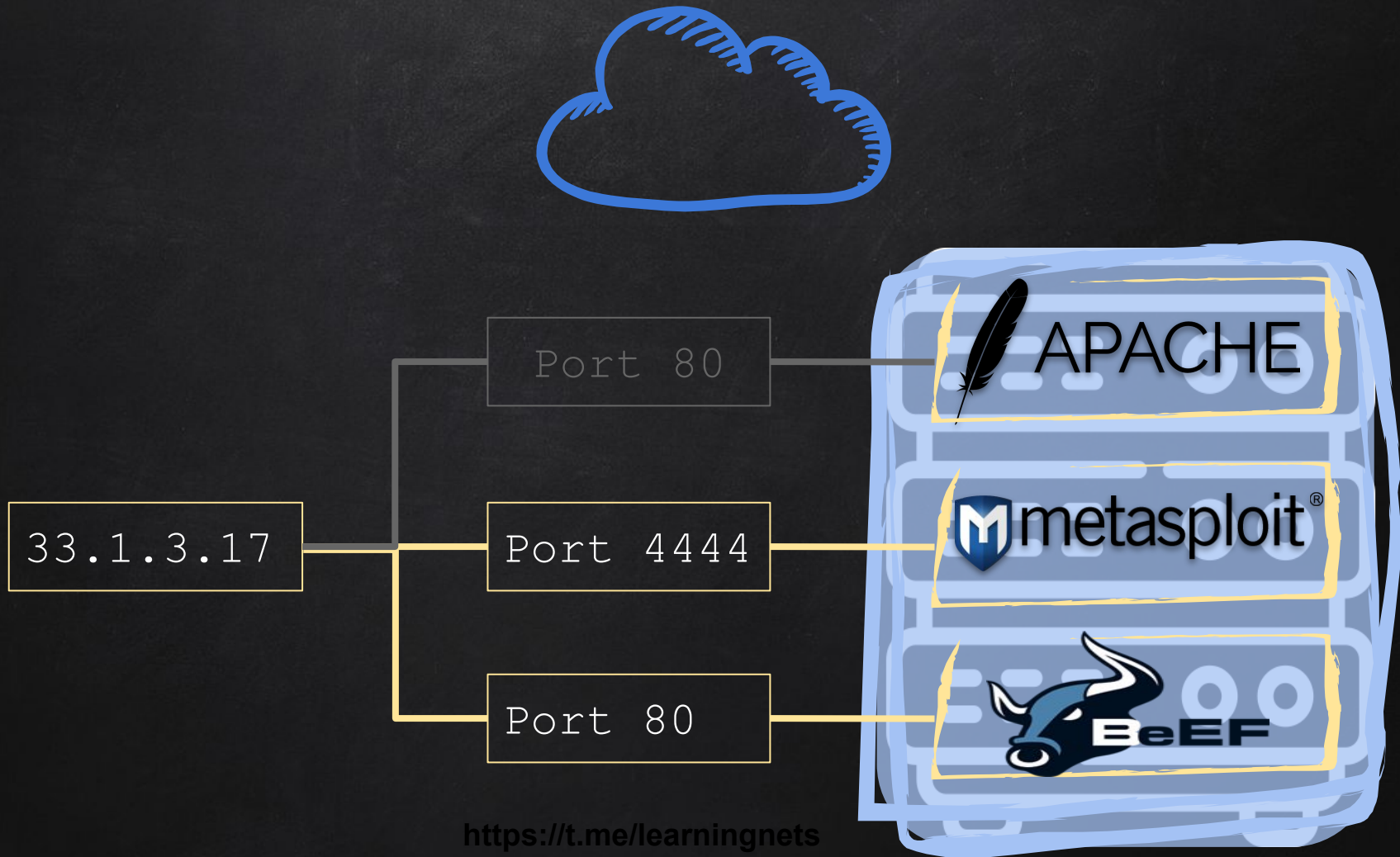
<https://t.me/learningnets>



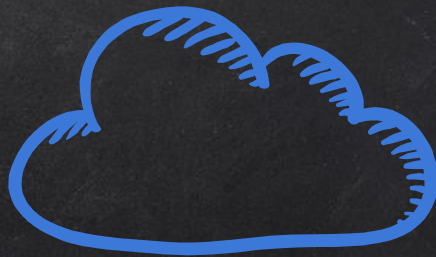
44.204.13.14







<https://t.me/learningnets>



`http://33.1.3.17/`

`33.1.3.17`

Port 80

Port 4444

Port 3000



APACHE

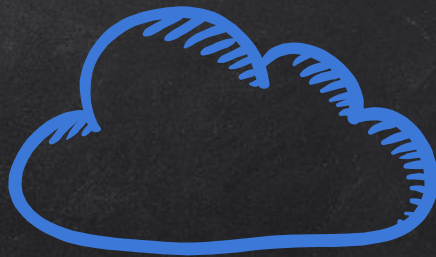


metasploit®



BeEF

<https://t.me/learningnets>



`http://33.1.3.17/`

`33.1.3.17`

Port 80

APACHE

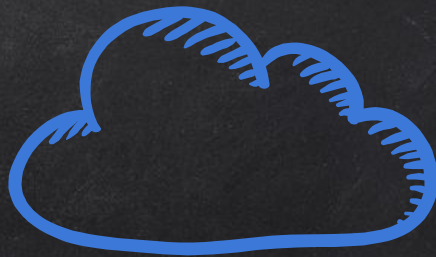
`/var/www/html`

`index.html`

`backdoor.exe`

`files`

<https://t.me/learningnets>



`http://33.1.3.17/`

`33.1.3.17`

Port 80

APACHE

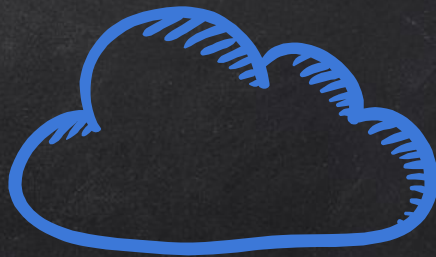
`/var/www/html`

`index.html`

`backdoor.exe`

`files`

<https://t.me/learningnets>



`http://33.1.3.17/files/1.jpg`

Port 80

`33.1.3.17`

APACHE

`/var/www/html`

`index.html`

`backdoor.exe`

`files`

`1.jpg`

`2.jpg`

<https://t.me/learningnets>



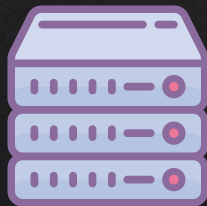
FACEBOOK WEB SERVER
195.44.2.1



HACKER WEB SERVER
44.204.13.14



GOOGLE WEB SERVER
204.79.197.200



DNS SERVER

<https://t.me/learningnets>

facebook.com





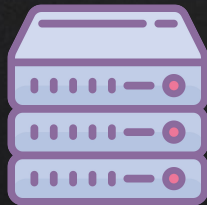
FACEBOOK WEB SERVER
195.44.2.1



HACKER WEB SERVER
44.204.13.14



GOOGLE WEB SERVER
204.79.197.200



DNS SERVER

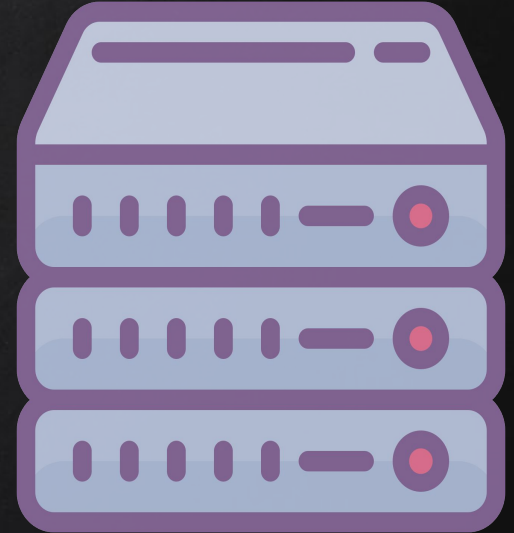
<https://t.me/learningnets>

FACEBOOK.COM



DNS RECORDS

google.com	A	204.79.197.200
facebook.com	A	195.44.2.1
zsecurity.org	A	104.27.153.174
.....etc		





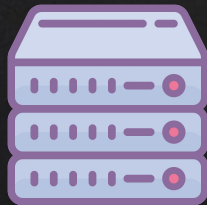
FACEBOOK WEB SERVER
195.44.2.1



HACKER WEB SERVER
44.204.13.14



GOOGLE WEB SERVER
204.79.197.200



DNS SERVER

<https://t.me/learningnets>



195.44.2.1



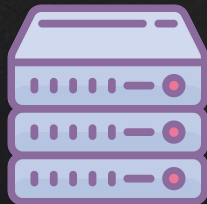
FACEBOOK WEB SERVER
195.44.2.1



HACKER WEB SERVER
44.204.13.14



GOOGLE WEB SERVER
204.79.197.200



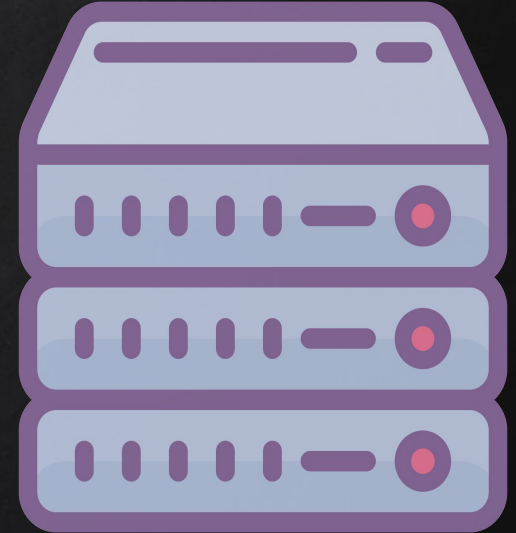
DNS SERVER

<https://t.me/learningnets>

195.44.2.1

DNS RECORDS

google.com	A	204.79.197.200
facebook.com	A	195.44.2.1
zsecurity.org	A	104.27.153.174
loginpage.com	A	44.204.13.14





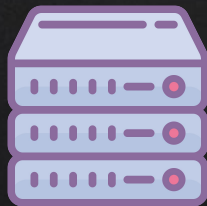
FACEBOOK WEB SERVER
195.44.2.1



HACKER WEB SERVER
44.204.13.14



GOOGLE WEB SERVER
204.79.197.200



DNS SERVER

<https://t.me/learningnets>

loginpage.com





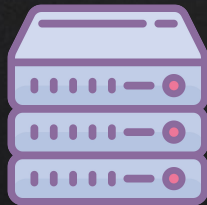
FACEBOOK WEB SERVER
195.44.2.1



HACKER WEB SERVER
44.204.13.14



GOOGLE WEB SERVER
204.79.197.200



DNS SERVER

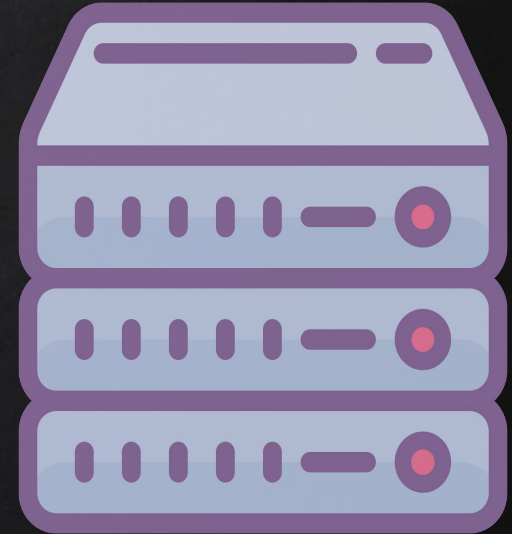
<https://t.me/learningnets>

LOGINPAGE.COM



DNS RECORDS

google.com	A	204.79.197.200
facebook.com	A	195.44.2.1
zsecurity.org	A	104.27.153.174
loginform.com	A	44.204.13.14





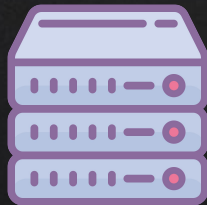
FACEBOOK WEB SERVER
195.44.2.1



HACKER WEB SERVER
44.204.13.14



GOOGLE WEB SERVER
204.79.197.200



DNS SERVER

<https://t.me/learningnets>





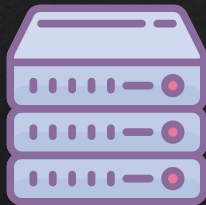
FACEBOOK WEB SERVER
195.44.2.1



HACKER WEB SERVER
44.204.13.14



GOOGLE WEB SERVER
204.79.197.200

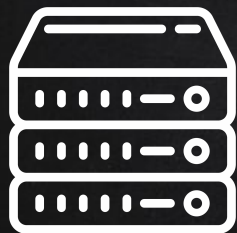


DNS SERVER

<https://t.me/learningnets>



44.204.13.14



HACKER WEB SERVER
44.204.13.14



<https://t.me/learningnets>

HTTPS

<https://t.me/learningnets>

HTTPS



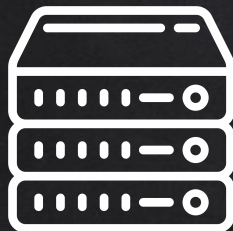
SECURE
SSL / TLS

<https://t.me/learningnets>





HTTP

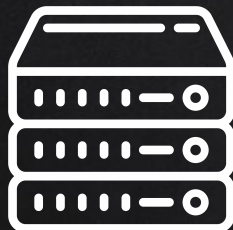


GOOGLE.COM

Password



HTTPS



GOOGLE.COM



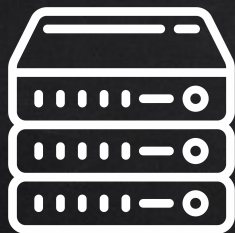
<https://t.me/learningnets>



PRIVATE KEY



PUBLIC KEY



GOOGLE.COM

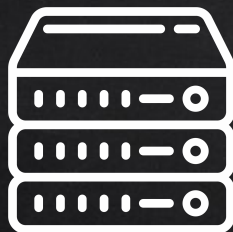




PRIVATE KEY



TLS CERTIFICATE



GOOGLE.COM

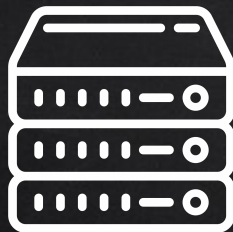




PRIVATE KEY



TLS
CERTIFICATE



GOOGLE.COM



TLS
CERTIFICATE

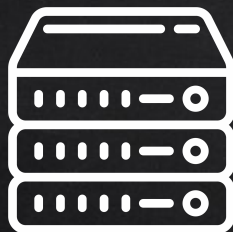
<https://t.me/learningnets>



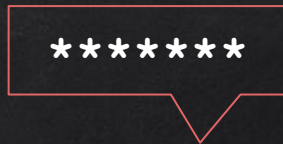
PRIVATE KEY



TLS
CERTIFICATE



GOOGLE.COM



TLS
CERTIFICATE

<https://t.me/learningnets>

WHAT IS A LET'S ENCRYPT?

- Certificate authority.
- Non-profit organisation.



→ Can be used to generate **free** TLS certificates.