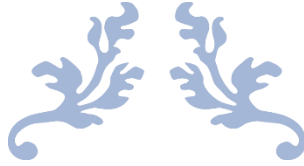


TELECOMUNICACIONES



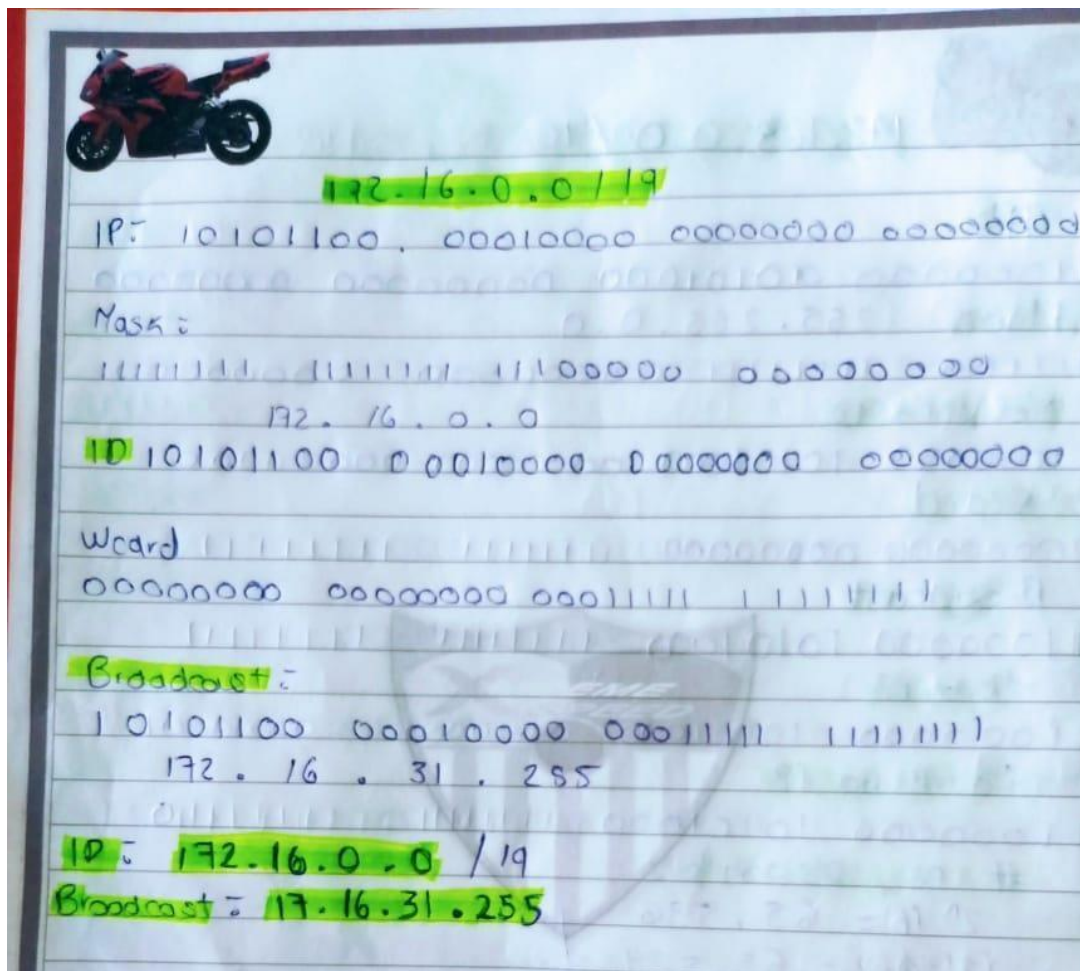
Dirección 172.16.0.0/21



ALUMNO: MANUEL ALFONSO ALONZO CHI

25 DE ENERO DE 2021

	Host	Bits	ID	Broadcast
172.16.0.0	2000	21	172.16.0.0/21	172.16.7.255
172.16.8.0	1000	22	172.16.8.0/22	172.16.11.255
172.16.12.0	600	22	172.16.12.0/22	172.16.15.255
172.16.16.0	400	23	172.16.16.0/23	172.16.17.255
172.16.18.0	300	23	172.16.18.0/23	172.16.19.255
172.16.20.0	250	24	172.16.20.0/24	172.16.20.255
172.16.21.0	200	24	172.16.21.0/24	172.16.21.255
172.16.22.0	200	24	172.16.22.0/24	172.16.22.255
172.16.23.0	100	25	172.16.23.0/25	172.16.23.127
172.16.23.128	50	26	172.16.23.128/26	172.16.23.191





172.16.0.0 / 21

IP.

10101100 00010000 00000000 00000000

Mask

11111111 11111111 11110000 00000000

ID:

172.16.0.0

10101100 00010000 00000000 00000000

Wcard

00000000 00000000 00000111 11111111

Broadcast

172.16.7.255

10101100 00010000 00000111 11111111

ID: 172.16.0.0 / 21

Broadcast: 172.16.7.255



172.16.8.0/22

IP:

10101100 00010000 00001000 00000000

Mask:

11111111 11111111 11111000 00000000

ID

172.16.8.0

10101100 00010000 00001000 00000000

Wcid

00000000 00000000 00000011 11111111

Broadcast 172.16.11.255

10101100 00010000 00001011 11111111

ID: 172.16.8.0/22

Broadcast: 172.16.11.255



172.16.12.0/22

IP

10101100 00010000 00001100 00000000

Mask

11111111 11111111 11111100 00000000

IP

172.16.12.0

10101100 00010000 00001100 00000000

Wildcard

00000000 00000000 00000011 11111111

Broadcast

172.16.15.255

10101100 00010000 00001111 11111111

IP: 172.16.12.0/22

Broadcast: 172.16.15.255



172.16.16.0/23

IP

10101100 00010000 00010000 00000000

Mask

11111111 11111111 11111110 00000000

ID.

172.16.16.0

10101100 00010000 00010000 00000000

Wcard

00000000 00000000 00000001 11111111

Broadcast

172.16.17.255

10101100 00010000 00010001 01111111

ID: 172.16.16.0/23

Broadcast: 172.16.17.255



172.16.18.0/23

IP:

10101100 00010000 00010010 00000000

Mask:

11111111 11111111 11111110 00000000

ID:

172.16.18.0

10101100 00010000 00010010 00000000

Wcard

00000000 00000000 00000001 11111111

Broadcast

172.16.19.255

10101100 00010000 00010011 11111111

ID:

172.16.18.0/23

Broadcast:

172.16.19.255



172.16.20.0/24

IP:

10101100 00010000 00010100 00000000

Mask:

11111111 11111111 11111111 00000000

ID:

172.16.20.0

10101100 00010000 00010100 00000000

Wcard

00000000 00000000 00000000 11111111

Broadcast:

172.16.20.255

10101100 00010000 00010100 11111111

ID: 172.16.20.0/24

Broadcast: 172.16.20.255



172.16.21.6/24

IP

10101100 00010000 00010101 00000000

Mask:

11111111 11111111 11111111 00000000

IP

172.16.21.0

10101100 00010000 00010101 00000000

Wcard

00000000 00000000 00000000 11111111

Broadcast:

172.16.21.255

10101100 00010000 00010101 11111111

ID: 172.16.21.0/24

Broadcast: 172.16.21.255



172.16.22.0/24

IP:-

10101100 00010000 00010110 00000000

Mask:-

11111111 11111111 11111111 00000000

ID:-

172.16.22.0

10101100 00010000 00010110 00000000

Wildcard:-

00000000 00000000 00000000 11111111

Broadcast:-

172.16.22.255

10101100 00010000 00010110 11111111

ID:- 172.16.22.0/24

Broadcast:- 172.16.22.255



172.16.23.0/25

IP:

10101100 00010000 00010111 00000000

Mask

11111111 11111111 11111111 10000000

ID:

172.16.23.0

10101100 00010000 00010111 00000000

Wildcard:

00000000 00000000 00000000 01111111

Broadcast:

172.16.23.127

10101100 00010000 00010111 01111111

ID:

172.16.23.0/25

Broadcast:

172.16.23.127



172.16.23.128/26

IP

10101100 00010000 00010111 10000000

Mask

11111111 11111111 11111111 11000000

ID

10101100 00010000 00010111 10000000

Wcard

00000000 00000000 00000000 00111111

Broadcast

10101100 00010000 00010111 10111111

ID: 172.16.23.128/26

Broadcast: 172.16.23.191