111001110

$$\begin{array}{ccccc} 4 & 3 & 2 & 1 & 0 \\ 1 & 0 & 0 & 1 & 0 \end{array}$$

$IP - 2^5 = 32$

$MAC - 64$

2^6

11010110l

$$10011 \overline{)\ 1101011010000}$$

1011 0100 1

-10011

011111

-10011

11000

-10011

01010

-10011

011000

-10011

001

De facto   De Jure

②   ③

④   ①

$$\begin{array}{cccccc} 1 & 1 & 1 & 1 & 0 & 1 \\ 0 & 1 & 0 & 1 & 0 & 0 \\ 1 & 0 & 1 & 0 & 0 & 1 \end{array}$$

$\dfrac{12 \times 11}{x} = 66$

Bitrate $= 2 \times$ bandwidth $\times \log_2 L$

$9000 \times \log_2 6324$

$24 \longrightarrow 6$

24

6   6 6   6

3×6

$$\dfrac{24}{4}\bigg/ 96$$

$$\dfrac{12}{3}\bigg/ 72$$

$$\dfrac{72}{4}\bigg/ 288$$

$$\dfrac{18}{3}\bigg/ 54$$

$$\dfrac{3}{112}$$