

(A) (B) (C) (D)

IPv4: @ip 32 bits

$\underbrace{x \dots x}_{n \text{ bits}} \underbrace{\dots}_{32-n}$

ID réseau NetID HOSTID

Mask

$\underbrace{1 \ 1 \ 1 \ 1 \ 1 \ 0 \dots 0}_{n \text{ bits } 32}$

32 - n

IP de Classe A

$\underbrace{x \dots x}_8 \underbrace{x \dots x}_{24}$

ID rx

255.0.0.0

8 bits

1 0 0 0 0 0 0 0

255.255.0.0

16 bits

1 1 0 0 0 0 0 0

255.255.255.0

24 bits

1 1 1 1 0 0 0 0

$\underbrace{10.0.0.0}_{ID \text{ Net}} \underbrace{0.0.0.0}_{ID \text{ Host}}$

$\underbrace{10.0.0.0}_{ID \text{ Net}} \underbrace{0.0.0.0}_{ID \text{ Host}}$

$\underbrace{10.0.0.0}_{ID \text{ Net}} \underbrace{0.0.0.0}_{ID \text{ Host}}$

Machine ∈ Net: ID = 10
 ID: 3.2.1

