IP Addresses

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IPv4 Addressing Approaches:

192 . 128 . 168 . 3 → DOT DECIMAL NOTATION. (Denary)

B B B B = 4Bytes

8bits = 32bits

$2^8 . 2^8 . 2^8 . 2^8$

233 . 23 . 45 . 6

11101110 . 00010111 . 00011100 . 00000110

Octet Octet.

Total number of IP addresses = 2^{32} = 4Billion Approx.

Keywords: IP addres, Internet Protocol, IPv4, IPv6, Format of IPV4 & IPv6, Types of IP addresses.

Byte = 8 bits = 2^8 = 256 → 0 … 255