How Does the Internet Work?





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P (Internet Protocol Address)

#.#.#.#

IP Range

0.0.0.0

255.255.255.255

Private IPs

10.#.#.#

172.16.#.# — 172.31.#.#

192.168.#.#

Number of IP Address (IP4)

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2^32 = 4294967296

IP Address (IP6)

IPv6 addresses are represented as eight groups of four hexadecimal digits groups being separated by colons,

for example <u>2001:0db8:0000:0042:0000:8a2e:0370:7334</u>

Number of IP Address (IP6)

```
2^128 = 340,282,366,920,938,463,463,374,607,431,768,211,456
```