

# Server

## How many IP addresses can be used in an IPv6 address block?

The number of maximum usable IPs in an IPv6 address block results of the network prefix.

For example:

**/128** = 1 IPv6 address

**/64** = 1 IPv6 subnet =  $2^{64}$  possible IP addresses

Further information can be found directly under:

<http://www.ripe.net/internet-coordination/press-centre/understanding-ip-addressing>.

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