



















IPv6 Address Format (Hexadecimal Notation)

16 Bytes =128 Bits

2001:0db8:0000:0000:ff00:0000:0042:8330

Site Prefix

Subnet ID

Interface ID

Quartet

Omit any leading zeros within a quartet. 2001:db8::ff00:0:42:8330

Short version of ipv6

provides 2^{128} (about 3.4×10^{38}) addresses

340 trillion trillion trillion IP addresses

IP settings

IP assignment: Automatic (DHCP)

Edit

Properties

SSID: Mohammed's Galaxy S22 Ultra

Protocol: Wi-Fi 4 (802.11n)

Security type: WPA2- Personal

Network band: 2.4 GHz

Network channel: 6

Link speed (Receive/Transmit): 1300/144 (Mbps)

Link-local IPv6 address: fe80::7064:4258:ba48:5714%11

IPv4 address: 192.168.151.153

IPv4 DNS servers: 192.168.151.168

Manufacturer: Broadcom

Description: Broadcom 802.11ac Network Adapter

Driver version: 101.10.603.0

Physical address (MAC): 88-66-5A-03-A3-AB

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Per-Country IPv6 adoption

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