

Shortcuts, optimizations in IPv6 addresses

1. Zeros at the beginning of a group can be omitted (analogous to IPv4 addresses), but each group must contain at least 1 digit. 1 digit, e.g. instead of

21cd:0053:0000:0000:03ad:003f:af37:8d62

be written

21cd:53:0:0:3ad:3f:af37:8d62

2. Groups that consist only of zeros can be omitted, even if several such groups immediately follow each other. In any case, only two colons are written in sequence, e.g.

21cd:53::3ad:3f:af37:8d62



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