

Re: Need to block ?

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2007-06/msg06364.html>

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 - *Date:* Sat, 30 Jun 2007 14:40:55 +0200
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Bob Goodwin – W2BOD wrote on Saturday 30 June 2007:

What is the correct notation for blocking a range of addresses in my router?

If I block 64.18.5.13 it simply moves up to 64.18.5.14.

I thought the proper way to do it was 64.18.5.0/255 but obviously that's wrong or at least doesn't work for me.

You are mixing up mask notations. There are two of them

- 1) dotted decimal notation, like 255.255.255.0
- 2) CCIT notation, like 192.168.1.0/24

192.168.1.0/24 says "the first 24 bits of the mask are ones" and is 255.255.255.0 in decimal notation.

255.255.255.0 = 11111111 11111111 11111111 00000000

24 ones

What you said was "the first 255 bits of the mask are ones" and that is nonsense, since the mask is only 32 bit long (4 bytes).

CCIT notation is a little more limited than dotted notation, since you cannot create a mask like

11111111 11111111 10101010 00000000 = 255.255.170.0

But in practice it is irrelevant, since there is (almost?) no reason to use such masks.

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bye,
Adalbert

pseudo-user on a pseudo-terminal

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