

Re: Can I subnet my network like this ?

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/isp/2003-07/0166.html>

From: Jan Grant (Jan.Grant_at_bristol.ac.uk)

Date: 07/30/03

Date: Wed, 30 Jul 2003 13:59:31 +0100 (BST)
To: Supote Leelasupphakorn <pjn0211@yahoo.com>

On Wed, 30 Jul 2003, [iso-8859-1] Supote Leelasupphakorn wrote:

> *Hi, all*
>
> *I would like to verify my knowledge*
> *by building the network like below but not*
> *sure whether it's impossible for subnetting*
> *like this – say, from Gateway no2, is divided*
> *to 172.16.0.0/16 and 172.17.0.0/16 subnet.*

There should be no problems doing what you suggest.

> *I heard that it isn't recommend or*
> *impossible (not sure again) to use FIRST or*
> *LAST subnet in the allocated IP address pool,*
> *is it?*

This is no longer the case. It stems from (a misunderstanding of?) the "all zeros" or "all ones" network treatment (and by extension, subnets), but I don't think any kit behaves like that in these CIDR days. In any case, 172.16/16 and 172.17/16 are (were) both "full class B" ranges so anything broken enough to care ought to behave properly anyway.

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Random act of violence against bread: whole pint.
-- extract from the "Hawk the Slayer" drinking game

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