

## Re: Broadcast Address as Gateway

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Moe Trin wrote:

- > *What operating system? I've got 1800 \*nix boxes here, all with manual*
- > *configurations. It adds about a half minute to the setup of each host,*
- > *but as these are usually only set up once – it's not a problem.*

A real mixture. There was OS/2, Windows, AIX, VM/MVS and probably a few others. This was in IBM Canada HQ.

- > *If you have computers wandering in and out, DHCP might be a reasonable*
- > *solution, but we don't allow that. Likewise, if your users have super*
- > *user or admin privileges on the boxes, it could be a problem, but I'd*
- > *suspect there are bigger problems you have to solve in that case.*

When I started there, everything was static, but there was a gradual move to DHCP. There were a lot of people coming and going. Many of the employees had ThinkPads.

- > *No, DHCP is the only solution for consumer situations like ISPs where the*
- > *customer is already outside their envelope just trying to figure out how*
- > *to plug in the power cord, never mind connecting something as complex as*
- > *an Ethernet cable.*

I had a static IP, with my first ISP. This was back in the days of dial up & SLIP.

- > *But the O/P wasn't talking about that situation. His*
- > *situation is a network where no one can spell IP, let alone understand how*
- > *to set it up. They were going to have the routers configured by DHCP,*
- > *something that the RFC specifically recommends NOT doing.*

I agree that routers, servers etc shouldn't have temporary DHCP addresses. However, it is possible, though not recommended to permanently assign a DHCP address to a device.