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r/HomeNetworking



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[Log In](#)r/HomeNetworking • 4 yr. ago
marco5scriven

Blocking everything else 0.0.0.0/0 or 0.0.0.0/1 + 128.0.0.0/1?

Solved!EDIT - Thanks to [u/notgedrungenand](#) [u>HelloYesThisIsNo](#) - just specify 'any'.I was somewhat curious after seeing this <https://www.youtube.com/watch?v=p3SfeQTaaxw&t=555s>

Original Post

I'm just setting up firewall rules, and want a rule at the end to drop everything with a certain source.

I've seen three ways to specify this in various tutorials:

1. [0.0.0.0/0](#)
2. [0.0.0.0/1](#) + [128.0.0.0/1](#)
3. Specifying the A to D class ranges (or sometimes even 'E')



Archived post. New comments cannot be posted and votes cannot be cast.



3



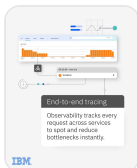
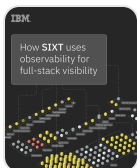
6



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0.0.0.0 with or without a /0 at the end could be interpreted as default gateway depending on the underlying system. That's why some people split the whole IPv4 space into two parts with 0.0.0.0/1 + 128.0.0.0/1 to ensure there is always a more specific route present.

Keep in mind that most firewalls automatically drop any packet which is not allowed/passed by any rule. I think the USG also does that. So you may not need the rule you are currently trying to implement.

↑ 4 ↓ ...

⊕ 3 more replies



notgedrungen • 4y ago

0.0.0.0/0 stands for default route and will never be something you see on the firewall. Usually it will be used in static routing config or for routing-maps.

0.0.0.0/1? What for? Again just a more specific default route

128.0.0.0/1 same as above, just for the rest.

If you block 0.0.0.0/1 and 128.0.0.0/1 it means you block everything, so a deny any any would be quicker.

0.0.0.0/1 = 0.0.0.0 - 127.255.255.255 128.0.0.0/1 = 128.0.0.0 - 255.255.255.255

If you block 0.0.0.0/0 it also means already deny any any, so you do the same, just a bit more specific/higher prio...

So if deny any fails it does deny any :-D

I never saw a firewall which do not allow to use any and the only benefit of an explicit deny is the logging. But I just use it if I need to troubleshoot, as otherwise there are too much log entries generated.

↑ 2 ↓ ...

⊕ 1 more reply



r/ HomeNetworking • 5 mo. ago

what are these exactly and what order do i reset them in



3 upvotes · 10 comments



r/ frigate_nvr • 3 mo. ago

Upgraded to 0.15, where are notification settings?

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HELP! Can someone explain to me why RIP is chosen over OPSF even tho it has a /28 mask.

6 upvotes · 7 comments



r/HomeNetworking • 3 mo. ago

Is this wrecked?

47 upvotes · 70 comments



r/iPhone13Pro • 1 mo. ago

No more battery anxiety

25 upvotes · 12 comments



r/ccna • 4 yr. ago

192.168.0.0 overlap

2 upvotes · 5 comments



r/WireGuard • 4 yr. ago

"there's something strange in the..." windows client (android works): lan iIP addresses are reachable only disabling the kill switch! Why? And why the disabling action modify the allowedIPs in that way?...

5 upvotes · 9 comments



r/slateauto • 16 days ago

Thoughts on Battery?

5 upvotes · 30 comments



r/techgore • 26 days ago

Is my battery okay?

58 upvotes · 18 comments



r/iPhone13Pro • 7 days ago

1240 days, 815 cycles - battery finally replaced!

29 upvotes · 21 comments



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15 upvotes · 17 comments

 r/Pixel9Pro · 16 days ago

Battery Usage Bad??



5 upvotes · 14 comments

 r/ShittySysadmin · 9 mo. ago

Coming to a battery backup near you:



128 upvotes · 12 comments

 r/hyperacusis · 20 days ago

Overprotection is absolutely a thing

24 upvotes · 21 comments

 r/RG556 · 1 mo. ago

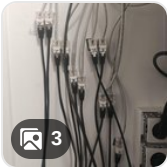
Friendly reminder what your device is able to do.



29 upvotes · 17 comments

 r/HomeNetworking · 3 mo. ago

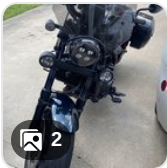
It works! And will, hopefully



44 upvotes · 49 comments

 r/HondaRebel1100 · 16 days ago

What's your preferred settings in user mode and why?



33 upvotes · 16 comments

 r/HalfLife · 4 yr. ago

Half-Life WON 1.1.0.9 and 1.1.1.0 won't launch, but 1.1.0.8 works.

2 upvotes · 1 comment

 r/PFSENSE · 4 yr. ago

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r/orbi • 4 yr. ago

Change IP address range from 10.0.0.x to 192.168.1.x

2 upvotes · 4 comments



r/AthlyticAppOfficial • 2 mo. ago

Setting your Battery Preferences

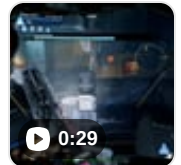
19 upvotes · 9 comments



r/Titanfall_2_ • 4 mo. ago

Getting a Battery while Executing

142 upvotes · 39 comments



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127.0.0.1 and localhost not working for some programs

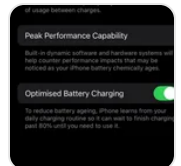
1 upvote



r/iPhone13Pro • 4 days ago

New Battery - No need to upgrade

99 upvotes · 44 comments



r/Control4 • 2 mo. ago

New to Control4/Installations, is this legal?

7 upvotes · 40 comments

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