IPset for IPFire - forum.ipfire.org 1/21/21, 8:50 PM forum.ipfire.org Search... **≡** Quick links **?** FAQ **U** Login ★ Home < Index < English Area < Development</p> **IPset for IPFire** Search this topic... Q D **IPset for IPFire** ummeegge Community Developer by ummeegge » October 23rd, 2015, 7:53 am EDIT: IPset is meanwhile in IPFire Core 95 integrated so there is no need to install it manually like below described. This includes only Posts: 5001 Joined: October 9th, 2010, 10:00 am the binary and installation directory the update script and the other integrations aren't included in the Core update and currently only

here available. Hi all, at the first i wanted to introduce a tool named IPset --> http://ipset.netfilter.org/ which is a companion application for IPTables. It allows you to setup rules to quickly and easily block a set of IP addresses, among other things. And secondly what are you thinking about this feature for IPFire? An interessting Site in my opinion for this theme can be found in here --> http://iplists.firehol.org/. Greetings,

IPFire - An open source firewall solution

IPFire - An open source firewall solution

i think so, very good sorted but also infos about list updates and some more goodies 😃 .

integrate this mass of IPs/CIDRs via IPTables directly without a subterraneously speed performance.

IPFire - An open source firewall solution

IPFire - An open source firewall solution

IPFire - An open source firewall solution

Can i help test it, in any way? I'm no application coder myself, so i cannot write this myself.

http://people.ipfire.org/~ummeegge/ipset/ <-- please check the sha256 sum.

if there is something presant you are good to go, otherweise load it with a

(above explanation do not include a reboot!!! <-- Please check the IPset man/homepage)

IPFire - An open source firewall solution

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What would be the risk in using this addon in a home situation? Will it break anything?

IPFire - An open source firewall solution

IPFire - An open source firewall solution

- After testing it can be placed under /etc/fcron.daily/ <-- 'set -x' can be deleted after testings.

- Script contains currently 22 lists which have today 568 CIDRs and 11461 IPs.

machines but on a third the counter do not work, don't no why currently.

- All lists are located under /tmp/ipset which won't be deleted in testing phase.

- There is currently no IPset un- or installer but this should be no problem if needed.

deleted so yourself shouldn't be locked out <-- got this problem with 192.168.0.0/16.

- restore command are placed under /etc/sysconfig/rc.local, to reactivate IPset after a reboot.

- IPTable rules will be made automatically by the script. Rules are located under /etc/sysconfig/firewall.local.

Includes FW rule integration, configuration entries, and restore command for system restart.

- Deleted 'firehol level1.netset' cause content it is already in other lists but also of its mixture of IPs and CIDRs.

- Added 'No entries today' in counter_list if no blacklistet addresses where recognized by byte and packet counter.

- Deleted Github addresses from Firehol regarding Costas hint, provide instead update-ipsets from Firehol project -->

https://forum.ipfire.org/viewtopic.php? ... =15#p93409 which serves all Firehol lists.

I will test when i find the time to make a full backup of my SD card that i run IPFire on.

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- Blocks currently FORWARD, INPUT and OUTPUT (also IPFire itself) for all ports and protocols. Block works with REJECT not DROP.

- LAN, WAN, WLAN, DMZ, DNS1-2 and OpenVPN addresses will be automatically investigated and if presant in one of the list it will be

- Two sets will be created. One set is for IPs only and the other for CIDRs. A counter for bytes and packets are integrated too.

- If byte and packets counter are not 0, the appropriate entries will be written to /etc/ipset/counterlist_ipset, this works on two

- Attention: If you use Tor cause a Tor blocklist is also integrated and it won't work anymore if you use this list. Delete the " https://check.torproject.org/cgi-bin/To ... ip=1.1.1.1" line in the "## Blacklist addresses" section to prevent a Tor block.

- Fixed echo command for timestamp in 'counterlist_ipset' <-- byte and packet counter do not work on every machine, haven't find

- Changed wget command. Reduced connections retries to 3, added timeout to 10 sec. to prevent long time loops if an URL isn't reachable. Added time stamping for dwnload.log. Prints now "HTTP request" to dwnload.log. Prints now also "Content-Security-Policy"

When going through your script, i notice that you use a lot of sources. I was under the impression that the FireHole source should be

When going through your script, i notice that you use a lot of sources. I was under the impression that the FireHole source should be

different types of reaserches (u.a. honeypots) delivers different results, so in my opinion a better variation. A lot of IPs occurs double in

problems. In CIDR section was something i couldn't work out until now which blocks browser traffic so i left the CIDRs out from this

Also everybody needs to check his own setup for his usage, for example i do not need the whole Spamhouse section in my environment so i left it out. Even the lists of the script are hold nearly general, please investigate the lists for your own purposes and add or delete

The grep commands to separate CIDRs and IPs from the rest should work in general, so you should be able to use it for your own lists

have fixed somethings on the script --> https://forum.ipfire.org/viewtopic.php? ... 514#p91514 <-- which can be overviewed at the

Also if someone is interessted in howto build IPset, take a look in here --> http://git.ipfire.org/?p=ipfire-2.x.git ... 9168399b10 .

Also IPFire will deliver IPset with Core 95, a wiki comes in the next view days, will announce it here if it is ready.

this lists but the script sorts them out and makes them uniqe <-- IPset makes this job too but better to make this before. The Firehol lists are very good but lists like e.g. this --> https://raw.githubusercontent.com/ktsao ... el1.netset brought some

Provide some additional protection for the clients on your network in a few easy steps: viewtopic.php?f=27&t=12122&p=78219#p78219

we are in development state, it could break anything anytimes.

I use IPFire as my home router. What would be the risk in using this addon in a home situation? Will it break anything?

Provide some additional protection for the clients on your network in a few easy steps: viewtopic.php?f=27&t=12122&p=78219#p78219

May it is a good idea that you go for a try on your own ways for the first 👺 ??, otherwise there are also some scripts out there which

wget or what ever it to /opt/pakfire/tmp unpack it with a

Thanks. That FireHOL website is pretty damn awesome. It's nice to see someone has taken an analytical approach to the maintenance of

But IPset is also a nifty tool. Have compiled it for IPFire now, wrote a little daily update script for it, included meanwhile 22 lists with currently 10062 IPs and 588 CIDRs and in puncto performance it makes a good impression for me. Also there would be no way to

A nice site for performance test with and without IPset (and some more interessting infos) can also be found in here -->

Can i help test it, in any way? I'm no application coder myself, so i cannot write this myself. May/Can i use your application?

Provide some additional protection for the clients on your network in a few easy steps: viewtopic.php?f=27&t=12122&p=78219#p78219

are you a little familar with the console/ssh? If so, feel free to go for some testings. You can find IPset in here -->

UE

Re: IPset for IPFire

https://github.com/firehol

66 jawz101 wrote:

Re: IPset for IPFire

Hi jawz101,

UE

EDIT: Renewed link

Re: IPset for IPFire

Re: IPset for IPFire

Hi Garp,

Installation:

CODE: SELECT ALL

and install it with a

CODE: SELECT ALL ./install.sh

CODE: SELECT ALL

CODE: SELECT ALL modprobe ip_set

Greetings,

Re: IPset for IPFire

Re: IPset for IPFire

66 Garp wrote:

Re: IPset for IPFire

CODE: SELECT ALL

CODE: SELECT ALL #!/bin/bash -

Locations

Greetings,

UE

EDIT(s):

21.11.15

07.12.15

to dwnload.log. 01.01.2015

02.12.2016

Re: IPset for IPFire

Re: IPset for IPFire

Goedemiddag Garp,

list.

too.

All right.

UE

Hi all,

Greetings,

Re: IPset for IPFire

Re: IPset for IPFire

Hi all,

Thanks!

UE

Re: IPset for IPFire

Greetings,

Locked A

Return to "Development"

https://forum.ipfire.org/viewtopic.php?f=50&t=15124

☆ Home ← Index

UE

Re: IPset for IPFire

66 ktsaou wrote:

Great news, thx!

by **Garp** » November 7th, 2015, 10:08 am

by **ktsaou** » November 8th, 2015, 9:34 am

https://github.com/firehol/blocklist-ipsets/wiki

by ummeegge » November 9th, 2015, 5:08 pm

Greetings and keep up the good work (19),

by ummeegge » November 11th, 2015, 8:42 am

| **-** | <u>|</u> <u>+</u> | **-** |

UE

66 Garp wrote:

Re: IPset for IPFire

bottom in the 'EDIT(s)' section.

by **ummeegge** » November 7th, 2015, 5:42 am

66 Garp wrote:

by ummeegge » October 31st, 2015, 9:49 am

by **Garp** » October 31st, 2015, 9:05 am

CONFDIR="/etc/ipset";

the problem until now.

- Fixed rc.local command.

- Fixed initial set creation.

CONF="\${CONFDTR}/inset conf".

Feedback and testings might be nice.

- Fixed bug for list directory creation.

- Deleted honeypot lists cause they are currently off.

- Set appropriate src and dst for FW rule chains.

- Changed some smaller things in the script (syntax).

'suffient' as a source because then do the combining.

What is the reason that you added the other sources?

'suffient' as a source because then do the combining.

What is the reason that you added the other sources?

what you need or you don't need. The script is an example...

I will test when i find the time to make a full backup of my SD card that i run IPFire on.

IPFire - An open source firewall solution

sorry for intervening, I just got a notification from mention.net you are referring to iplists.firehol.org.

I don't know if you can use my method with ipfire, but anyway, I thought I should at least let you know.

I have added a wiki where I explain the right way of updating all these IP lists. Check it here:

Hi ktsaou and thanks for your intervention and your feedback which is very nice.

command, nevertheless i have build it for IPFire too and will go in media res with it.

https://github.com/firehol/blocklist-ipsets/? May if i'am wrong please correct me.

goes by or even may Firehol belongs sometimes also in to the distribution, will see.

IPFire - An open source firewall solution

Provide some additional protection for the clients on your network in a few easy steps: viewtopic.php?f=27&t=12122&p=78219#p78219

I strongly suggest not to use files downloaded from the github repo, in production systems. They might not be updated regularly.

IPset will be delivered in IPFires next Core update but without Firehol which i think is a requirement for the usage of the 'update-ipsets'

I strongly suggest not to use files downloaded from the github repo, in production systems. They might not be updated regularly.

I'am not hundred procents clear of it but does for example an 'update-ipsets enable dshield' do not deliver the data from here -->

The script above should do similar things but at this time not so comfortable like Firehol it does, may it will becomes better as time

So let me say a big thanks to your work in the firehol.org platform which is very usful but also your prompt support in this topic.

https://github.com/firehol/blocklist-ip ... eld.netset ? In that case all the actual lists are probably located in here -->

Have made now the IPset wiki which can be found in here --> https://wiki.ipfire.org/en/configuration/firewall/ipset.

It might be great if you can go for correction readings. If you think there is something missing or not wright let it me know.

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- Added firewall.local reload in rc.local.

set -x

by ummeegge » October 31st, 2015, 7:53 am

Please use only testing systems for this.

- Don't forget to make it executable with a

- Debugger is still activated for testing

- Every update will be logged into syslog.

IPs/CIDRs will be rejected as source and destination.

ip_set kernel module will be loaded if not already done.

Update script example for blacklist update in IPset.

ummeegge[at]ipfire.org \$date 01.01.2016

First idea for an daily update script:

chmod +x ipset_updater.sh

You are welcome,

greetings,

UE

Ok, thx.

by **Garp** » October 29th, 2015, 6:34 pm

by ummeegge » October 29th, 2015, 6:43 pm

UE

lsmod | grep ip_set

might accelerate further intends.

Please use testing systems for this.

Have also one here.. still in testing mode 😊 .

tar xvf ipset-6.26-1.ipfire

save the output so it is easier to uninstall it...

checkout if the appropriate kernel module is loaded

Hi UE,

by **Garp** » October 29th, 2015, 3:59 pm

by ummeegge » October 29th, 2015, 5:38 pm

by **jawz101** » October 26th, 2015, 7:04 pm

all of these publicly available blocklists.

by ummeegge » October 27th, 2015, 9:58 am

Thanks. That FireHOL website is pretty damn awesome.

https://www.dbsysnet.com/2016/03/mass-b ... with-ipset .

jawz101

Posts: 2

ummeegge

Posts: 5001

Garp

Posts: 127

Contact: 💬

ummeegge

Posts: 5001

Garp

Posts: 127

Contact: 💬

ummeegge

Posts: 5001

ummeegge

Posts: 5001

Garp

Posts: 127

Contact: 💬

ummeegge

Posts: 5001

ummeegge

Posts: 5001

Garp

Posts: 127

Contact: 💬

ktsaou

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ummeegge

Posts: 5001

ummeegge

Posts: 5001

Community Developer

Joined: October 9th, 2010, 10:00 am

33 posts

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Page 1 of 2

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Joined: October 9th, 2010, 10:00 am

Joined: July 8th, 2014, 7:38 am

Joined: November 8th, 2015, 9:25 am

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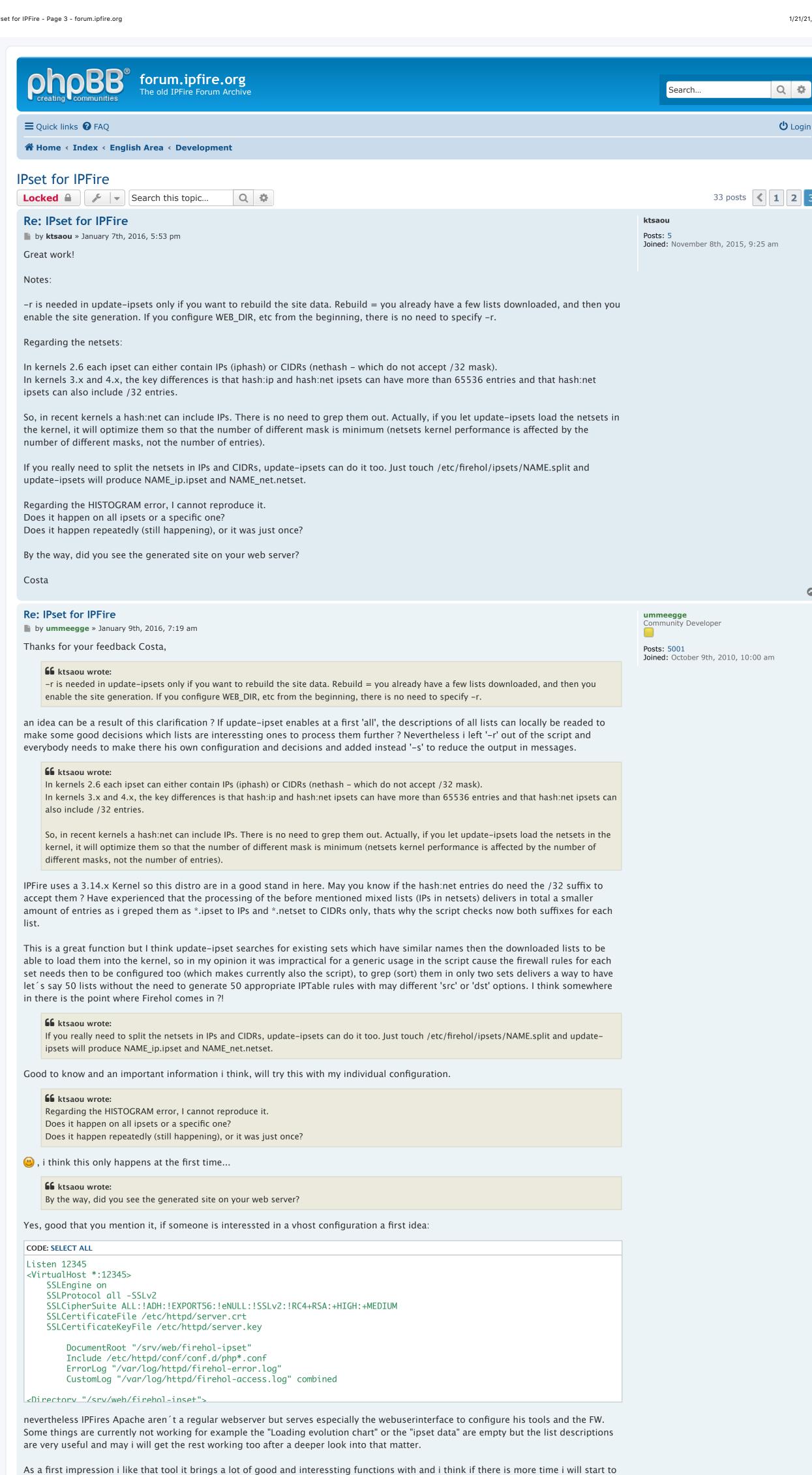
Community Developer

Joined: October 26th, 2015, 4:37 pm

Joined: October 9th, 2010, 10:00 am

IPset for IPFire - Page 2 - forum.ipfire.org

1/21/21, 8:50 PM



by **ummeegge** » June 2nd, 2016, 8:25 pm since IPset is integrated since Core 95 i wanted to close this topic now.

Re: IPset for IPFire

So far from here.

Greetings,

UE

For possible further response i will leave this topic open for two more days. Greetings,

UE

IPFire - An open source firewall solution

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IPFire - An open source firewall solution

I would like to thank all the helping hands to realise this feature for the IPFire environment... {Goood work 😁 }

IPFire - An open source firewall solution Sc | → | 1= | → Locked 🔒

digging deeper into it. Thanks again Costa for this and for your support.

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Joined: October 9th, 2010, 10:00 am

ummeegge

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Community Developer

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