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harriebird



DNS over TLS implementation guide for OpenWrt routers

Check out my DNS over TLS implementation guide for OpenWrt routers:

<https://medium.com/@harriebird/implement-dns-over-tls-on-openwrt-20b7026a9b6c>



31



7



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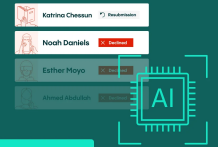
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Toleot • 2y ago

Thank you. This is the guide I need. I'm a noob and don't know anything about networking but your guide is easy to follow.



2



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harriebird **OP** • 2y ago

You're welcome!



2



Reply



diNiko • 2y ago

Dope. Thanks!



2



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harriebird **OP** • 2y ago

You're welcome!

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nice

I'd probably also want to block forwarding of udp/tcp on port 53 on the router, so no plain dns traffic escapes inadvertently.



1



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**[deleted]** • 2y ago

Yeah I have anything internal on 53 get redirected to the local dnsmask. The only things you will miss are things like Google devices using DNS-over-https but you can also just block anything going out to 8.8.8.8 ect



2



Reply

**candrewswpi** • 2y ago

I wrote an article a few years ago for enabling DNS over TLS:

<https://candrews.integralblue.com/2018/08/dns-over-tls-on-openwrt-18-06/>

My post is more focused on using commands to accomplish this task as opposed to the luci interface.

I also wrote an article on how to enable DNSSEC: <https://candrews.integralblue.com/2018/08/dnssec-on-openwrt-18-06/> Someday I hope OpenWRT will enable DNSSEC by default.

For the highest level of security, enable both DNSSEC and DNS over TLS.



1



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19 comments

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How to encrypt my DNS? DNS over https over TLS and how to do it? Thanks

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1.1.1.1 Stubby DNS over TLS?

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1 upvote · 3 comments



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SSH to Firewall and Router Reference Script

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21 upvotes · 57 comments



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OpenWRT hardware Europe

5 upvotes · 13 comments



r/Plex • 3 yr. ago

Can't connect directly to Plex Media Server over LAN (using any client) through an Asus RT-AX86U router, seems to be a DNS issue?

3 upvotes · 12 comments



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