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isowurzitane

How to set Openwrt to use 1.1.1.1 DNS for example

I'm having trouble setting up one of the alternate DNS sources like [1.1.1.1](#) etc. Basic advise please. Thanks.

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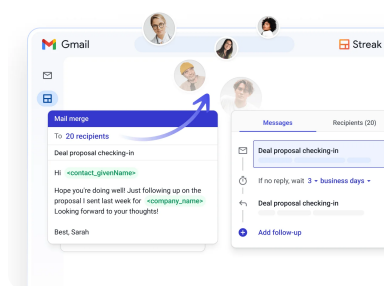
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If you want OpenWrt to forward to [1.1.1.1](#), go to Luci > Network > Interfaces > wan > Advanced Settings > Use custom DNS servers.

If you want clients to receive IP [1.1.1.1](#) as DNS, go to Luci > Network > Interfaces > lan > DHCP Server > Advanced Settings > DHCP-Options > `6,1.1.1.1,1.0.0.1`.



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**JamesYnDeng** • 2mo ago

In new version openwrt : Luci > Network > Interfaces > wan > Advanced Settings ==>> Use DNS servers advertised by peer ==>> Use custom DNS servers

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**isowurzitane** [OP](#) • 5y ago

Hmm, not sure. Could you outline the difference so I can decide. Ta.

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I understand all of this except the six and the comma. Why does the 1.1.1.1 need to have a prefix of 6, ?

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**GuessWhat_InTheButt** • 5y ago

If you want your connected clients to use a certain DNS server check the LAN interface and set "6,1.1.1.1" under advanced options for the DHCP server.

If you want the router itself to use the DNS, I *think* you need to set it in the options for the WAN interface.

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**Swedophone** • 5y ago

In the wan interface's advanced setting deselect "Use DNS servers advertised by peer" and add your custom Dns addresses to "Use custom DNS servers".

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**RoganDawes** • 5y ago

This is an excerpt from my /etc/config/network:

```
config interface 'wan'
    option ifname 'eth0.2'
    option proto 'dhcp'
    option peerdns '0'
    option dns '208.67.222.123 208.67.220.123'
```

Alternatively, look in Luci - Network - Interfaces - Wan - Advanced Settings - Use custom DNS servers

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