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# How-to: Nginx-UI on OpenWRT without Building

# Tips and Tricks

# Background:

So there's another nginx manager known as nginx-ui. You can check it out here: <a href="https://nginxui.com/">https://nginxui.com/</a>. It seems to be a bit more comprehensive than Nginx Proxy Manager, especially since you can edit the nginx config files directly from the browser.

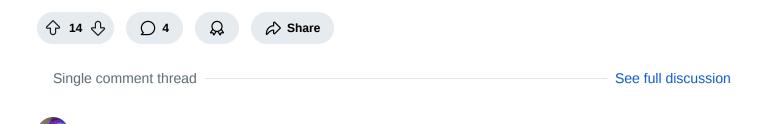
I have been wanting to setup OpenWRT as a lightweight consolidated ingress controller on proxmox, since my proxmox server has low resources (it's an old recycled laptop).

Nginx-UI does support OpenWRT, however only by building it. This is because the nginx-ui installation script relies on 4 things not available on OpenWRT by default: bash, /usr/lib/bin, the "install" command, and systemd.

However, (from the source code) that looks like those are the only 4 limitations, so not too bad. Those are easy to

#### Read more Y

anonhostpi OP • 1y ago • Edited 1y ago





```
user root;
worker_processes auto;
pid /var/run/nginx.pid;
error_log /var/log/nginx/error.log;
include /etc/nginx/modules-enabled/*.conf;
events {
        worker connections 768;
        # multi_accept on;
}
http {
        # Basic Settings
        ##
        sendfile on;
        tcp nopush on;
        types hash max size 2048;
        # server_tokens off;
        # server names hash bucket size 64;
        # server name in redirect off;
        include /etc/nginx/mime.types;
        default type application/octet-stream;
        ##
        # SSL Settings
        ##
        ssl_protocols TLSv1.1 TLSv1.2 TLSv1.3; # Dropping SSLv3, ref: P00DLE
        ssl prefer server ciphers on;
        ##
        # Logging Settings
        ##
        access_log /var/log/nginx/access.log;
        ##
        # Gzip Settings
        ##
        gzip on;
```



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```
# gzip_comp_level 6;
# gzip_buffers 16 8k;
# gzip_http_version 1.1;
# gzip_types text/plain text/css application/json application/javascript text/x

##
# Virtual Host Configs
##

include /etc/nginx/conf.d/*.conf;
include /etc/nginx/sites-enabled/*;
}
```

Make sure to create the directories /etc/nginx/sites-available and /etc/nginx/sites-enabled

Not sure yet how to change the user to www or www-data, but I suspect it has something to do with file permissions of the content of /etc/nginx

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