

# \_include\_wsc55x\_server\_nginx\_webserver\_linux

2.11. When selecting your web server, choose **Other** [3] to run static files using NGINX.

Step 8: Choose either Web or Application Server Type.

Select a particular Web or Application Server to be used for the WSC Application Server running.

1. Apache HTTP Server
2. Java Application Server (Apache Tomcat, Oracle WebLogic Server, Oracle GlassFish Server, etc.)
3. Other

Input the number from 1 to 3:3



Due to technical limitations, [WSC Dialog plugin for CKEditor 4](#) is not available for setup on Nginx. If it is a requirement for you to use this plugin, please consider setting it up on either [Apache HTTP Server](#) or [Apache Tomcat](#).



If you want to use NGINX as a web server, perform the following steps:

1. Set up NGINX.
2. Create a **wscservice** configuration file with bindings to WebSpellChecker static files and add the necessary **Access-Control-Allow-Origin** headers.
3. Create a symlink for the **wscservice** virtual directory.
4. Configure NGINX to act as a reverse proxy to avoid exposing the 2880 port of AppServer. Check in the **config** sample below or visit [N GINX reverse proxy on Ubuntu](#) for more details.

**Step 1.** Install NGINX.

```
sudo apt-get update
sudo apt-get install nginx
```

**Step 2.** Customize the firewall.

```
sudo ufw allow 'Nginx Full'
```

**Step 3.** Check the status of NGINX web server.

```
systemctl status nginx
```

**Step 4.** Create and customize 'server blocks'.

```
sudo cd /etc/nginx/sites-available/
sudo cp default wscservice
sudo nano wscservice
```

Here is an example of **wscservice** configuration file for NGINX.

## wscservice

```
# Default server configuration
#
server {
    listen 80 default_server;
    listen [::]:80 default_server;

    # SSL configuration
    #
    # listen 443 ssl default_server;
    # listen [::]:443 ssl default_server;
    #
    # Note: You should disable gzip for SSL traffic.
    # See: https://bugs.debian.org/773332

    server_name wscservice;

    # bindings of static files
    location /wscservice/ {
        alias /opt/WSC/WebComponents/WebInterface/;
        autoindex on;
        index index.html index.htm;

    location /wscservice/samples/ {
        alias /opt/WSC/WebComponents/Samples/;
        autoindex on;
        index index.html index.htm;
    }

    location /wscservice/wscbundle/ {
        alias /opt/WSC/WebComponents/WebInterface/wscbundle/;
        autoindex on;
        add_header Access-Control-Allow-Origin '*';
    }

    # reverse proxy for proxying requests to AppServer
    location /wscservice/api {
        # location /wscservice/api/ with a slash for WebSpellChecker versions 5.15.0.0 only
        proxy_pass http://your_host:2880;
    }

    }
}
```

**Step 5.** Create symlink for the 'wscservice' file.

```
ln -s /etc/nginx/sites-available/wscservice /etc/nginx/sites-enabled/wscservice
```

**Step 6.** Restart NGINX.

```
sudo systemctl restart nginx
```

**Step 7.** NGINX troubleshooting if the restart fails. Probably the default NGINX config already uses the 80/443 port or you added an extra curly brace.

```
sudo nginx -t
```