

# default NGINX config

default config from

[https://docs.nextcloud.com/server/stable/admin\\_manual/installation/nginx.html](https://docs.nextcloud.com/server/stable/admin_manual/installation/nginx.html)

```
# Version 2025-07-23

upstream php-handler {
    server 127.0.0.1:9000;
    #server unix:/run/php/php8.2-fpm.sock;
}

# Set the `immutable` cache control options only for assets with a cache busting `v` argument
map $arg_v $asset_immutable {
    "" "";
    default "", immutable;
}

server {
    listen 80;
    listen [::]:80;
    server_name cloud.example.com;

    # Prevent nginx HTTP Server Detection
    server_tokens off;

    # Enforce HTTPS
    return 301 https://$server_name$request_uri;
}

server {
    listen 443 ssl http2;
    listen [::]:443 ssl http2;
    # With NGinx >= 1.25.1 you should use this instead:
    # listen 443    ssl;
    # listen [::]:443 ssl;
    # http2 on;
```

```
server_name cloud.example.com;

# Path to the root of your installation
root /var/www/nextcloud;

# Use Mozilla's guidelines for SSL/TLS settings
# https://mozilla.github.io/server-side-tls/ssl-config-generator/
ssl_certificate /etc/ssl/nginx/cloud.example.com.crt;
ssl_certificate_key /etc/ssl/nginx/cloud.example.com.key;

# Prevent nginx HTTP Server Detection
server_tokens off;

# HSTS settings
# WARNING: Only add the preload option once you read about
# the consequences in https://hstspreload.org/. This option
# will add the domain to a hardcoded list that is shipped
# in all major browsers and getting removed from this list
# could take several months.
#add_header Strict-Transport-Security "max-age=31536000; includeSubDomains; preload" always;

# set max upload size and increase upload timeout:
client_max_body_size 512M;
client_body_timeout 300s;
fastcgi_buffers 64 4K;

# Proxy and client response timeouts
# Uncomment an increase these if facing timeout errors during large file uploads
#proxy_connect_timeout 60s;
#proxy_send_timeout 60s;
#proxy_read_timeout 60s;
#send_timeout 60s;

# Enable gzip but do not remove ETag headers
gzip on;
gzip_vary on;
gzip_comp_level 4;
gzip_min_length 256;
gzip_proxied expired no-cache no-store private no_last_modified no_etag auth;
gzip_types application/atom+xml text/javascript application/javascript application/json application/ld+json
application/manifest+json application/rss+xml application/vnd.geo+json application/vnd.ms-fontobject
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application/wasm application/x-font-ttf application/x-web-app-manifest+json application/xhtml+xml
application/xml font/opentype image/bmp image/svg+xml image/x-icon text/cache-manifest text/css text/plain
text/vcard text/vnd.rim.location.xloc text/vtt text/x-component text/x-cross-domain-policy;
```

```
# Pagespeed is not supported by Nextcloud, so if your server is built
# with the `ngx_pagespeed` module, uncomment this line to disable it.
#pagespeed off;
```

```
# The settings allows you to optimize the HTTP2 bandwidth.
# See https://blog.cloudflare.com/delivering-http-2-upload-speed-improvements/
# for tuning hints
client_body_buffer_size 512k;
```

```
# HTTP response headers borrowed from Nextcloud `.htaccess`
add_header Referrer-Policy          "no-referrer"    always;
add_header X-Content-Type-Options  "nosniff"       always;
add_header X-Frame-Options         "SAMEORIGIN"    always;
add_header X-Permitted-Cross-Domain-Policies "none"         always;
add_header X-Robots-Tag            "noindex, nofollow" always;
```

```
# Remove X-Powered-By, which is an information leak
fastcgi_hide_header X-Powered-By;
```

```
# Set .mjs and .wasm MIME types
# Either include it in the default mime.types list
# and include that list explicitly or add the file extension
# only for Nextcloud like below:
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```
include mime.types;
types {
    text/javascript mjs;
    application/wasm wasm;
}
```

```
# Specify how to handle directories -- specifying `/index.php$request_uri`
# here as the fallback means that Nginx always exhibits the desired behaviour
# when a client requests a path that corresponds to a directory that exists
# on the server. In particular, if that directory contains an index.php file,
# that file is correctly served; if it doesn't, then the request is passed to
# the front-end controller. This consistent behaviour means that we don't need
# to specify custom rules for certain paths (e.g. images and other assets,
# `/updater`, `/ocs-provider`), and thus
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# `try_files $uri $uri/ /index.php$request_uri`
# always provides the desired behaviour.
index index.php index.html /index.php$request_uri;

# Rule borrowed from `.htaccess` to handle Microsoft DAV clients
location = / {
    if ( $http_user_agent ~ ^DavClnt ) {
        return 302 /remote.php/webdav/$is_args$args;
    }
}

location = /robots.txt {
    allow all;
    log_not_found off;
    access_log off;
}

# Make a regex exception for `/.well-known` so that clients can still
# access it despite the existence of the regex rule
# `location ~ /\.(|autotest|...)` which would otherwise handle requests
# for `/.well-known`.
location ^~ /.well-known {
    # The rules in this block are an adaptation of the rules
    # in `.htaccess` that concern `/.well-known`.

    location = /.well-known/carddav { return 301 /remote.php/dav; }
    location = /.well-known/caldav { return 301 /remote.php/dav; }

    location /.well-known/acme-challenge { try_files $uri $uri/ =404; }
    location /.well-known/pki-validation { try_files $uri $uri/ =404; }

    # Let Nextcloud's API for `/.well-known` URIs handle all other
    # requests by passing them to the front-end controller.
    return 301 /index.php$request_uri;
}

# Rules borrowed from `.htaccess` to hide certain paths from clients
location ~ ^/(?:(build|tests|config|lib|3rdparty|templates|data)(?:$|/)) { return 404; }
location ~ ^/(?!(?:\.|autotest|occ|issue|indie|db_|console)) { return 404; }

# Ensure this block, which passes PHP files to the PHP process, is above the blocks

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# which handle static assets (as seen below). If this block is not declared first,
# then Nginx will encounter an infinite rewriting loop when it prepends `/index.php`
# to the URI, resulting in a HTTP 500 error response.
location ~ /\.php(?:$|/) {
    # Required for legacy support
    rewrite ^/(?!index|remote|public|cron|core|vajax|update|status|ocs|v[12]|updater|.+.|ocs-
provider|.+.+|vrichdocumentscode(_arm64)?|proxy) /index.php$request_uri;

    fastcgi_split_path_info ^(.+?\.php)(/.*)$;
    set $path_info $fastcgi_path_info;

    try_files $fastcgi_script_name =404;

    include fastcgi_params;
    fastcgi_param SCRIPT_FILENAME $document_root$fastcgi_script_name;
    fastcgi_param PATH_INFO $path_info;
    fastcgi_param HTTPS on;

    fastcgi_param modHeadersAvailable true;      # Avoid sending the security headers twice
    fastcgi_param front_controller_active true;  # Enable pretty urls
    fastcgi_pass php-handler;

    fastcgi_intercept_errors on;
    fastcgi_request_buffering on;                # Required as PHP-FPM does not support chunked transfer
encoding and requires a valid ContentLength header.

    # PHP-FPM 504 response timeouts
    # Uncomment and increase these if facing timeout errors during large file uploads
    #fastcgi_read_timeout 60s;
    #fastcgi_send_timeout 60s;
    #fastcgi_connect_timeout 60s;

    fastcgi_max_temp_file_size 0;
}

# Serve static files
location ~ \.(?:css|js|mjs|svg|gif|ico|jpg|png|webp|wasm|tflite|map|ogg|flac|mp4|webm)$ {
    try_files $uri /index.php$request_uri;
    # HTTP response headers borrowed from Nextcloud `.htaccess`
    add_header Cache-Control          "public, max-age=15778463$asset_immutable";
    add_header Referrer-Policy       "no-referrer"    always;

```

```
add_header X-Content-Type-Options      "nosniff"      always;
add_header X-Frame-Options            "SAMEORIGIN"   always;
add_header X-Permitted-Cross-Domain-Policies "none"         always;
add_header X-Robots-Tag               "noindex, nofollow" always;
access_log off;    # Optional: Don't log access to assets
}

location ~ \.(otf|woff2?)$ {
    try_files $uri /index.php$request_uri;
    expires 7d;    # Cache-Control policy borrowed from `.htaccess`
    access_log off;    # Optional: Don't log access to assets
}

# Rule borrowed from `.htaccess`
location /remote {
    return 301 /remote.php$request_uri;
}

location / {
    try_files $uri $uri/ /index.php$request_uri;
}
}
```

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