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Nextcloud

Speedup browsing

```
occ config:app:set text workspace_available --value=0
```

NGINX

```
php-fpm
sudo systemctl enable php7.3-fpm
sudo apt install php7.3-sqlite php7.3-xml php7.3-zip php7.3-mbstring php7.3-gd php7.3-curl
php7.3-intl php7.3-imagick
```

```
sudo -u www-data php occ files:scan user
```

```
sudo -u www-data php occ preview:generate-all -vvv
```

```
sudo -u www-data php occ config:app:set previewgenerator squareSizes --value="32 256"
sudo -u www-data php occ config:app:set previewgenerator widthSizes --value="256 384"
sudo -u www-data php occ config:app:set previewgenerator heightSizes --value="256"
sudo -u www-data php occ config:system:set preview_max_x --value 3840
sudo -u www-data php occ config:system:set preview_max_y --value 2160
sudo -u www-data php occ config:system:set jpeg_quality --value 92
sudo -u www-data php occ config:app:set preview jpeg_quality --value="92"
```

NGINX Config

accept_mutex off or/and reuseport!

```
server {
    listen 443 ssl default_server http2 reuseport;
    ssl_certificate      cert.pem;
    ssl_certificate_key  cert.key;
    ssl_session_timeout 180m;
    ssl_session_cache shared:SSL:20M;
    ssl_protocols TLSv1.2;
    ssl_prefer_server_ciphers on;
    ssl_ciphers !aNULL:ECDHE-ECDSA-CHACHA20-POLY1305:ECDHE-RSA-CHACHA20-POLY1305:ECDHE-RSA-
AES128-GCM-SHA256:ECDH+AES128+SHA;
    ssl_buffer_size 1369;

    root /mnt/sda/html;

    server_name _;

    add_header X-Content-Type-Options nosniff;
    add_header X-XSS-Protection "1; mode=block";
    add_header X-Robots-Tag none;
    add_header X-Download-Options noopen;
    add_header X-Permitted-Cross-Domain-Policies none;
    add_header Referrer-Policy no-referrer;

    # Path to the root of your installation
    location = /robots.txt {
```

```

        allow all;
        log_not_found off;
        access_log off;
    }

    location = /.well-known/carddav {
        return 301 $scheme://$host:$server_port/remote.php/dav;
    }
    location = /.well-known/caldav {
        return 301 $scheme://$host:$server_port/remote.php/dav;
    }

    # set max upload size
    client_max_body_size 1024M;
    fastcgi_buffers 64 4K;

    # Enable gzip but do not remove ETag headers
    gzip on;
    gzip_vary on;
    gzip_comp_level 6;
    gzip_min_length 2048;
    gzip_proxied expired no-cache no-store private no_last_modified no_etag auth;

    gzip_types application/atom+xml application/javascript application/json
    application/ld+json application/manifest+json application/rss+xml application/vnd.geo+json
    application/vnd.ms-fontobject 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;

    location / {
        rewrite ^ /index.php;
    }

    location ~ ^/(?:build|tests|config|lib|3rdparty|templates|data)/ {
        deny all;
    }
    location ~ ^/(?:\.|autotest|occ|issue|indie|db_|console) {
        deny all;
    }

    location ~
^/(?:index|remote|public|cron|core/ajax/update|status|ocs/v[12]|updater/.+|oc[ms]-
provider/.+)\.php(?:$|\/) {
        fastcgi_split_path_info ^(.+?\.php)(\/.*|)$;
        try_files $fastcgi_script_name =404;
        include fastcgi_params;
        fastcgi_param SCRIPT_FILENAME $document_root$fastcgi_script_name;
        fastcgi_param PATH_INFO $fastcgi_path_info;
        fastcgi_param HTTPS on;
        # Avoid sending the security headers twice
        fastcgi_param modHeadersAvailable true;
        # Enable pretty urls
        fastcgi_param front_controller_active true;
        fastcgi_pass unix:/run/php/php7.3-fpm.sock;
        fastcgi_intercept_errors on;
        fastcgi_request_buffering off;
        fastcgi_max_temp_file_size 64m;
    }

    location ~ ^/(?:updater|oc[ms]-provider)(?:$|\/) {
        try_files $uri/ =404;
    }

```

```
        index index.php;
    }

location ~ \.(?:css|js|woff2?|svg|gif|map)$ {
    try_files $uri /index.php$request_uri;
    add_header Cache-Control "public, max-age=15778463";
    #add_header Strict-Transport-Security "max-age=15768000; includeSubDomains;
preload;";
    add_header X-Content-Type-Options nosniff;
    add_header X-XSS-Protection "1; mode=block";
    add_header X-Robots-Tag none;
    add_header X-Download-Options noopen;
    add_header X-Permitted-Cross-Domain-Policies none;
    add_header Referrer-Policy no-referrer;
    access_log off;
}

location ~ \.(?:png|html|ttf|ico|jpg|jpeg)$ {
    try_files $uri /index.php$request_uri;
    add_header Cache-Control "public, max-age=15778463";
    access_log off;
}
}
```

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