Tengine derleme

Gerekli paketler

```
apt install git build-essential libjemalloc-dev libatomic-ops-dev libpcre3  libpcre3-dev
zlib1g zlib1g-dev libssl-dev libgd-dev libgeoip-dev
```

extra modüller

```
https://github.com/vozlt/nginx-module-vts.git
https://github.com/FRiCKLE/ngx_cache_purge.git
https://github.com/yaoweibin/nginx_upstream_check_module.git
https://github.com/GetPageSpeed/ngx_security_headers.git
https://github.com/openresty/headers-more-nginx-module.git
```

Compile

```
#!/bin/bash
./configure \
--with-poll_module \
--with-threads \
--with-file-aio \
--with-http_ssl_module \
--with-http_v2_module \
--with-http_realip_module \
--with-http_image_filter_module \
--with-jemalloc \
--with-libatomic \
--with-http_sub_module \
--with-http_flv_module \
--with-http_mp4_module \
--with-http_stub_status_module \
```

```
--with-mail_ssl_module \
--with-debug \
--with-stream \
--without-http_fastcgi_module \
--without-http_uwsgi_module \
--without-http_scgi_module \
--add-module=/var/nginx-module-vts \
--add-module=/var/ngx_cache_purge \
--add-module=/var/nginx_upstream_check_module \
--add-module=/var/ngx_security_headers \
--add-module=/var/headers-more-nginx-module \
--add-module=/var/tengine-2.3.2/modules/ngx_http_upstream_vnswrr_module \
--add-module=/var/tengine-2.3.2/modules/ngx_http_upstream_session_sticky_module \
--user=nginx \
--prefix=/etc/nginx \
--sbin-path=/usr/sbin/nginx \
--conf-path=/etc/nginx/nginx.conf \
--pid-path=/var/run/nginx.pid \
--http-log-path=/var/log/nginx/access.log \
--error-log-path=/var/log/nginx/error.log \
--with-http_image_filter_module=dynamic \
--with-http_geoip_module=dynamic \
--with-mail=dynamic \
--http-client-body-temp-path=/tmp/client-body-temp \
--http-proxy-temp-path=/tmp/proxy-temp \
```

make && make install

unit file

```
[Unit]
Description=A high performance web server and a reverse proxy server
After=network.target
[Service]
```

```
Type=forking
PIDFile=/var/run/nginx.pid
ExecStartPre=/usr/sbin/nginx  -t -q -g 'daemon on; master_process on;'
ExecStart=/usr/sbin/nginx -g 'daemon on; master_process on;'
ExecReload=/usr/sbin/nginx -g 'daemon on; master_process on;' -s reload
ExecStop=-/sbin/start-stop-daemon --quiet --stop --retry QUIT/5 --pidfile /var/run/nginx.pid
TimeoutStopSec=5
KillMode=mixed
LimitNOFILE=1048576
LimitNPROC=1048576
Restart=on-failure
RestartSec=10s
[Install]
WantedBy=multi-user.target[Unit]
Description=A high performance web server and a reverse proxy server
After=network.target
[Service]
Type=forking
PIDFile=/var/run/nginx.pid
ExecStartPre=/usr/sbin/nginx  -t -q -g 'daemon on; master_process on;'
ExecStart=/usr/sbin/nginx -g 'daemon on; master_process on;'
ExecReload=/usr/sbin/nginx -g 'daemon on; master_process on;' -s reload
ExecStop=-/sbin/start-stop-daemon --quiet --stop --retry QUIT/5 --pidfile /var/run/nginx.pid
TimeoutStopSec=5
KillMode=mixed
LimitNOFILE=1048576
LimitNPROC=1048576
Restart=on-failure
RestartSec=10s
[Install]
WantedBy=multi-user.target
```

Tengine Conf

```
worker_processes 15;
worker_cpu_affinity auto 1111111111111110;
worker_rlimit_nofile    1048576;
user nginx;
error_log       /var/log/nginx/error.log warn;
```

```
pid        /var/run/nginx.pid;
events {
worker_connections  1048576;
use     epoll;
multi_accept    on;
accept_mutex    on;
}
#don't need stream conf
worker_shutdown_timeout 300;
http {
#access_log on;
gzip_clear_etag off;
vhost_traffic_status_zone shared:vhost_traffic_status:128m;
map_hash_max_size 20480;
map_hash_bucket_size 20480;
map $status $loggable {
    ~^[23]  0;
    default 1;
}
sendfile        on;
tcp_nopush      on;
tcp_nodelay     on;
client_header_timeout   1m;
client_body_timeout     1m;
client_header_buffer_size       2k;
client_body_buffer_size 512k;
client_max_body_size    500m;
large_client_header_buffers     8       16k;
send_timeout    30;
keepalive_timeout       60;
keepalive_requests 100000;
reset_timedout_connection       on;
server_tokens   off;
server_name_in_redirect off;
server_names_hash_max_size      1024;
server_names_hash_bucket_size   1024;
check_shm_size 2000m;
proxy_buffer_size 16k;
proxy_buffers 4 16k;
proxy_busy_buffers_size 16k;
proxy_next_upstream off;
```

```
more_clear_headers Server;
more_clear_headers server;
log_format secops 'default TENGINE  Message 0 0 : "WEBLOG:~'
                  '$time_local~'
                  '$remote_addr~'
                  '$http_x_client_ip~'
                  '$http_True_Client_IP~'
                  '$request_method~'
                  '$upstream_http_X_Proxy_Cache~'
                  '$uri~'
                  '$query_string~'
                  '$bytes_sent~'
                  '$http_user_agent~'
                  '$host~'
                  '$server_port~'
                  '$status~'
                  '$http_referer'
                  '"';
log_format main 'default TENGINE  Message 0 0 : "WEBLOG:~'
                  '$time_local~'
                  '$remote_addr~'
                  '$http_x_client_ip~'
                  '$http_True_Client_IP~'
                  '$request_method~'
                  '$upstream_http_X_Proxy_Cache~'
                  '$uri~'
                  '$query_string~'
                  '$bytes_sent~'
                  '$http_user_agent~'
                  '$host~'
                  '$server_port~'
                  '$status~'
                  '$http_referer~'
                  '$upstream_addr~'
                  '$upstream_status~'
                  '$upstream_response_time~'
                  '$request~'
                  '$request_time';
access_log   syslog:server=10.84.82.30:5555 main if=$loggable;
error_log   syslog:server=10.84.82.30:5556 warn;
# Mime settings
```

```
include                         mime.types;
default_type                    application/octet-stream;
# Compression settings - aggressively cache text file types
gzip                             off;
#gzip_comp_level                 1;
#gzip_min_length                 10240;
#gzip_vary on;
#gzip_buffers                    8 64k;
#gzip_types                      text/plain text/css text/javascript text/js text/xml
application/json application/javascript application/x-javascript application/xml
application/xml+rss application/x-font-ttf image/svg+xml font/opentype;
#gzip_proxied                    any;
#gzip_disable                    "MSIE [1-6]\.";
# SSL PCI Compliance
ssl_session_cache               shared:SSL:10m;
ssl_protocols  TLSv1.2;
ssl_ciphers
EECDH+CHACHA20:EECDH+AES128:RSA+AES128:EECDH+AES256:RSA+AES256:EECDH+3DES:RSA+3DES:!MD5;
ssl_dhparam /etc/nginx/ssl/dhparam.pem;
ssl_prefer_server_ciphers       on;
# Error pages
error_page 403 /403.html;
#error_page          404          /error/404.html;
#error_page          502 503 504  /error/50x.html;
# Cache bypass
map $http_cookie $no_cache {
default 0;
~SESS 1;
~wordpress_logged_in 1;
}
# File cache settings
open_file_cache                  max=200000 inactive=20s;
open_file_cache_valid            30s;
open_file_cache_min_uses         2;
open_file_cache_errors           on;
# Other settings
log_subrequest                   on;
rewrite_log                      on;
include                          /etc/nginx/sites-enabled/*.conf;
include                          /etc/nginx/conf.d/*.conf;
}
```

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