



链滴

# nginx+ngx\_lua\_waf 部署 WAF (web 应用 防火墙)

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原文链接: <https://ld246.com/article/1534853361982>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

1、安装Luagit:

```
wget http://luajit.org/download/LuaJIT-2.1.0-beta.tar.gz
```

```
tar -zxvf LuaJIT-2.1.0-beta3.tar.gz
```

```
cd LuaJIT-2.1.0-beta3
```

```
make
```

```
make install
```

```
#ln -sf luajit-2.1.0-beta3 /usr/local/bin/luajit
```

2、安装openresty:

```
./configure --prefix=/usr/local/openresty --with-luajit --with-pcre=/usr/local/src/pcre-8.42/ (cre源码地址, 解压即可)
```

```
gmake
```

```
gmake install
```

3、下载ngx\_lua\_waf

```
#cd /usr/local/openresty/nginx/
```

```
git clone https://github.com/loveshell/nginx\_lua\_waf
```

4、修改nginx添加配置, 支持lua脚本地址, 在http段位置:

```
lua_package_path "/usr/local/openresty/nginx/ngx_lua_waf/?.lua"; ###相关项目存放地址
```

```
lua_shared_dict limit 10m; ###存放limit表的大小
```

```
init_by_lua_file /usr/local/openresty/nginx/ngx_lua_waf/init.lua; ###相应地址
```

```
access_by_lua_file /usr/local/openresty/nginx/ngx_lua_waf/waf.lua; ##相应地址
```

5、修改ngx\_lua\_waf相关配置:

```
[root@www ngx_lua_waf]# vim config.lua
```

```
RulePath = "/usr/local/openresty/nginx/ngx_lua_waf/wafconf/" ##指定相应位置
```

```
attacklog = "on" ##开启日志
```

```
logdir = "/usr/local/openresty/nginx/logs/hack/" ##日志存放位置
```

```
UrlDeny="on"          ##是否开启URL防护
Redirect="on"         ##地址重定向
CookieMatch="on"     ##cookie拦截
postMatch="on"       ##post拦截
whiteModule="on"     ##白名单
black_fileExt={"php","jsp"}
ipWhitelist={"127.0.0.1"}    ##白名单IP
ipBlocklist={"1.0.0.1"}    ##黑名单IP
CCDeny="on"          ##开启CC防护
CCrate="100/60"      ##60秒内允许同一个IP访问100次
```

#### 6、创建日志存放目录：

```
#mkdir /usr/local/openresty/nginx/logs/hack/
#chown -R nobody:nobody /usr/local/openresty/nginx/logs/hack/
```

#### 7、启动nginx 测试