

Случилось так, что у одного из сайтов появилось какое-то «левое» зеркало, которое сильно подбило позиции в поисковике. Я думал что домен просто направили на IP того сервера, на который ссылался домен. Прописал в конфиг виртуального хоста строки, запрещающие доступ к сайту по IP адресу

```
if ($host !~ ^(example.com|www.example.com)$ ) {  
    return 403;  
}
```

Но не помогло, так как выяснилось что сайт на «левом» зеркале парсился PHP скриптами через CURL. Сразу возникла идея просто запретить доступ по User Agent, но он был изменен на GoogleBot/2.1 , и если его забанить то и поисковые боты не смогут попасть на сайт. Осталось только 1 решение, сравнивать User Agent и IP адрес, с которого был запрос, и если это реальные IP адреса гуглобота, то пропускать, иначе отдавать ошибку 403. В конфиг nginx добавляем в секцию http следующие строки ( это все IP адреса и подсети, которые использует гуглобот и которые мне удалось найти, если есть чем дополнить пишите в комментариях ):

```
geo $googlebotip {  
    default 0;  
    64.18.0.0/20 1;  
    64.233.160.0/19 1;  
    66.102.0.0/20 1;  
    66.249.80.0/20 1;  
    72.14.192.0/18 1;  
    74.125.0.0/16 1;  
    108.177.8.0/21 1;  
    172.217.0.0/19 1;  
    173.194.0.0/16 1;  
    207.126.144.0/20 1;  
    209.85.128.0/17 1;  
    216.58.192.0/19 1;  
    216.239.32.0/19 1;  
    203.208.60.0/24 1;  
    66.249.64.0/20 1;  
    72.14.199.0/24 1;  
    209.85.238.0/24 1;  
    66.249.90.0/24 1;
```

66.249.91.0/24 1;  
66.249.92.0/24 1;  
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2404:6800:4000::/36 1;  
2607:f8b0:4000::/36 1;  
2800:3f0:4000::/36 1;  
2a00:1450:4000::/36 1;  
2c0f:fb50:4000::/36 1;  
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2001:4860:4801:2::/64 1;  
2001:4860:4801:3::/64 1;  
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2001:4860:4801:d::/64 1;  
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74.125.59.224/28 1;  
74.125.59.240/28 1;  
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74.125.60.16/29 1;  
74.125.60.160/29 1;  
74.125.60.168/29 1;  
74.125.60.176/30 1;  
74.125.60.180/30 1;  
74.125.60.184/29 1;  
74.125.60.192/29 1;  
74.125.60.200/29 1;  
74.125.60.208/28 1;  
74.125.60.224/27 1;  
74.125.60.24/29 1;  
74.125.60.32/27 1;  
74.125.60.64/29 1;  
74.125.60.72/29 1;  
74.125.60.8/29 1;  
74.125.60.80/29 1;  
74.125.60.88/29 1;  
74.125.60.96/29 1;  
74.125.61.0/29 1;  
74.125.61.104/30 1;  
74.125.61.108/30 1;  
74.125.61.112/29 1;  
74.125.61.120/29 1;  
74.125.61.128/29 1;  
74.125.61.136/29 1;  
74.125.61.144/30 1;  
74.125.61.148/30 1;

74.125.61.152/29 1;  
74.125.61.16/29 1;  
74.125.61.160/29 1;  
74.125.61.168/29 1;  
74.125.61.176/29 1;  
74.125.61.184/29 1;  
74.125.61.192/29 1;  
74.125.61.200/29 1;  
74.125.61.208/31 1;  
74.125.61.210/31 1;  
74.125.61.212/30 1;  
74.125.61.216/29 1;  
74.125.61.224/29 1;  
74.125.61.232/31 1;  
74.125.61.234/31 1;  
74.125.61.236/30 1;  
74.125.61.24/29 1;  
74.125.61.240/28 1;  
74.125.61.32/28 1;  
74.125.61.48/29 1;  
74.125.61.56/29 1;  
74.125.61.64/29 1;  
74.125.61.72/29 1;  
74.125.61.8/29 1;  
74.125.61.80/29 1;  
74.125.61.88/29 1;  
74.125.61.96/29 1;  
74.125.62.0/24 1;  
74.125.63.0/24 1;  
74.125.64.0/19 1;  
74.125.96.0/20 1;  
77.109.131.208/28 1;  
77.67.50.32/27 1;  
8.34.208.0/25 1;  
8.34.208.128/29 1;  
8.34.208.144/28 1;  
8.34.208.160/27 1;  
8.34.208.192/26 1;  
8.34.209.0/24 1;  
8.34.210.0/23 1;  
8.34.212.0/22 1;  
8.34.216.0/24 1;  
8.34.217.0/28 1;  
8.34.217.128/25 1;  
8.34.217.24/29 1;  
8.34.217.32/27 1;

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```
8.34.217.64/26 1;  
8.34.218.0/23 1;  
8.34.220.0/22 1;  
8.35.192.0/23 1;  
8.35.194.0/24 1;  
8.35.195.0/25 1;  
8.35.195.128/28 1;  
8.35.195.160/27 1;  
8.35.195.192/26 1;  
8.35.196.0/22 1;  
8.35.200.0/21 1;  
8.6.48.0/21 1;  
8.8.4.0/24 1;  
8.8.8.0/24 1;  
80.149.20.0/25 1;  
80.239.168.192/26 1;  
85.182.250.0/25 1;  
85.182.250.128/26 1;  
}
```

Далее в конфиг виртуального хоста прописываем

```
if ($googlebotip = 0) {  
    set $GoogleBAD A;  
}
```

```
if ($http_user_agent ~ "Googlebot" ) {  
    set $GoogleBAD "${GoogleBAD}B";  
}
```

```
if ($GoogleBAD = AB) {  
    return 403;  
}
```

Перезапускаем Nginx, и видим что на «левом» зеркале ошибка 403, но при этом поисковые боты Google нормально ходят по сайту, не выдавая никаких ошибок. Данный

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метод также подойдет при DDoS атаке с измененным User Agent под гуглобота. На этом все