Astra Linux

- Astra Linux
- journalctl
  - journalctl
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- Astra Linux Special Edition .10015-01 .10015-01 (1.7)
- Astra Linux Special Edition .10015-37 (7.7)
- Astra Linux Special Edition .10152-02 (4.7)
- Astra Linux Special Edition .10015-01 (1.6)
- Astra Linux Special Edition .10015-16 . 1
- Astra Linux Special Edition .10015-16 . 2
- Astra Linux Special Edition .10265-01 (8.1)
- Astra Linux Common Edition 2.12

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- Kerberos

Astra Linux

Astra Linux, 1.5, systemd (. Systemd). systemd, :

- systemd — ;
- systemctl – ;
- systemd-analyze — ;
- journald – ;
- journalctl — .

journalctl

:

```
sudo journalctl
```

. . PageUp PageDown , - , Enter — , Q — . . UTC (. Astra Linux) --utc:

```
sudo journalctl --utc
```

short-precise :

```
sudo journalctl --utc -o short-precise
```

:

```
18 14:28:46.171881 se10704 kernel:
```

short-iso-precise (x.7):

```
sudo journalctl --utc -o short-iso-precise
```

:

```
2023-03-18T14:28:46.171893+0300 se10704 kernel:
```

-p . :

- 0 — emergency — ;
- 1 — alerts — , ;
- 2 — critical — ;
- 3 — errors — ;

- 4 — warning — ;
- 5 — notice — ;
- 6 — info — ;
- 7 — debug — .

. -p 3, 3, 2, 1 0 (..).

journalctl

journald :

- /run/systemd/journal/stdout – , systemd;
- /dev/kmsg — ;
- /dev/log (/run/systemd/joural/dev-log) — , syslog.

, journald . , journalctl . ( ) /var/log/journal/, . Storage /etc/systemd/journald.conf. (Auto). /var/log/journal/:

- , ;
- , , /run/log/journal .

/var/log/journal/ Storage persistent systemd-journald.service . . man journald.conf.

:

```
sudo journalctl --list-boots
```

:

```
-1 98b893e51c0a43249b8b6e824266fc1c Tue 2023-02-28 07:46:21 MSK—Tue 2023-02-28 15:22:02 MSK
 0 cdd48e77de394ebca4df162359bfb412 Tue 2023-02-28 15:22:17 MSK—Tue 2023-02-28 15:41:34 MSK
```

, - . , . . , , :

```
sudo journalctl -b 0
```

:

```
sudo journalctl -b -1
```

-b . , , :

```
sudo journalctl -b 0
```

:

```
sudo journalctl -b -1
```

--snce ( ) --until ( ) “yesterday” (), “today” (), “tomorrow” (), “now” (). :

```
sudo journalctl --since yesterday
```

```
sudo journalctl --since "2020-12-17" --until "2020-12-18 10:00:00"
```

-k:

```
sudo journalctl -k
```

-u. , NetworkManager :

```
sudo journalctl -u NetworkManager.service
```

, . , fly-dm:

```
sudo journalctl /usr/bin/fly-dm
```

:

```
sudo journalctl _PID=1
```

:

```
sudo journalctl -f
```

:

```
sudo journalctl -e
```

journalctl , . SYSTEMD_LESS, less (,). FRSXMK. S , . S , " " " ". :

```
sudo SYSTEMD_LESS=FRXMK journalctl
```

, 10% 4 . SystemMaxUse /etc/systemd/journald.conf.

journalctl. :
, 100 :

```
sudo journalctl --vacuum-size=100M
```

, 7 :

```
sudo journalctl --vacuum-time=7d
```