

Astra Linux Special Edition x.7: NGINX

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- Astra Linux Special Edition .10015-01 (1.7) (extended)
- Astra Linux Special Edition .10152-02 (4.7) (extended)

web- NGINX. Web- NGINX (nginx) Astra Linux Special Edition x.7 ([Astra Linux Special Edition x.7](#) ,).



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Astra Linux,
• [Astra Linux Special Edition](#).

() [7.2.1]. Docker- rootless-, () [7.2.1] [7.2.7] .

NGINX

NGINX ([engine x]) — HTTP- -, -, TCP/UDP - , :

- HTTP-:
 - , , , ;
 - , , , ;
 - FastCGI, uwsgi, SCGI memcached , ;
 - ;
 - , (gzip), byte-ranges (), chunked , XSLT-, SSI-, ; SSI- FastCGI/uwsgi/SCGI;
 - SSL TLS SNI;
 - HTTP/2 ;
- HTTP-;
 - , IP- ;
 - keep-alive pipelined ;
 - , , , syslog;
 - 3xx-5xx;
 - rewrite-: URI ;
 - ;
 - , (HTTP Basic) ;
 - HTTP referer;
 - PUT, DELETE, MKCOL, COPY MOVE;
 - FLV MP4 ;
 - ;
 - ;
 - IP-;
 - A/B-;
 - ;
 - Perl;
 - njs;
- -:
 - IMAP- POP3- HTTP- ;
 - HTTP- SMTP-;
 - :
 - POP3: USER/PASS, APOP, AUTH LOGIN/PLAIN/CRAM-MD5;
 - IMAP: LOGIN, AUTH LOGIN/PLAIN/CRAM-MD5;
 - SMTP: AUTH LOGIN/PLAIN/CRAM-MD5;
 - SSL, STARTTLS, STLS.
- TCP/UDP -:
 - TCP UDP;
 - SSL TLS SNI TCP;
 - ;
 - ;
 - ;
 - ;
 - , , , syslog;
 - IP-;
 - A/B-;
 - njs;
- :

- , ;
- , ;
- kqueue (FreeBSD 4.1+), epoll (Linux 2.6+), /dev/poll (Solaris 7 11/99+), event ports (Solaris 10), select poll:
 - , kqueue, EV_CLEAR, EV_DISABLE (), NOTE_LOWAT, EV_EOF, , ;
 - , epoll, EPOLLRDHUP (Linux 2.6.17+, glibc 2.8+) EPOLLEXCLUSIVE (Linux 4.5+, glibc 2.24+);
- sendfile (FreeBSD 3.1+, Linux 2.2+, macOS 10.5+), sendfile64 (Linux 2.4.21+) sendfilev (Solaris 8 7/01+);
- AIO (FreeBSD 4.3+, Linux 2.6.22+);
- DIRECTIO (FreeBSD 4.4+, Linux 2.4+, Solaris 2.6+, macOS);
- accept- (FreeBSD 4.1+, NetBSD 5.0+) TCP_DEFER_ACCEPT (Linux 2.4+);
- 10 000 HTTP keep-alive 2.5M ;
- .

NGINX

NGINX : <https://nginx.org/ru/>

NGINX

nginx:

1. :
 - a. ;
2. :

```
sudo apt update
```

3. nginx:

```
sudo apt install nginx
```

NGINX

1. nginx:

```
systemctl status nginx
```

```
:
```

```
sudo systemctl status nginx
```

```
nginx.service - A high performance web server and a reverse proxy
server
   Loaded: loaded (/lib/systemd/system/nginx.service; enabled; vendor
   preset: enabled)
   Active: active (running) since Tue 2021-09-07 17:53:58 MSK; 17s ago
     Docs: man:nginx(8)
  Main PID: 2080 (nginx)
    Tasks: 5 (limit: 4637)
   Memory: 6.8M
    CGroup: /system.slice/nginx.service
            2080 nginx: master process /usr/sbin/nginx -g daemon on;
master_process on;
            2083 nginx: worker process
            2084 nginx: worker process
            2085 nginx: worker process
            2086 nginx: worker process
```

```
07 17:53:58 se17 systemd[1]: Starting A high performance web server  
and a reverse proxy serv  
07 17:53:58 se17 systemd[1]: Started A high performance web server and  
a reverse proxy serve
```

2. web- nginx, web- localhost, , firefox:

firefox localhost

