# Astra Linux Special Edition x.7:  NGINX


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  - 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
```

nginx:

