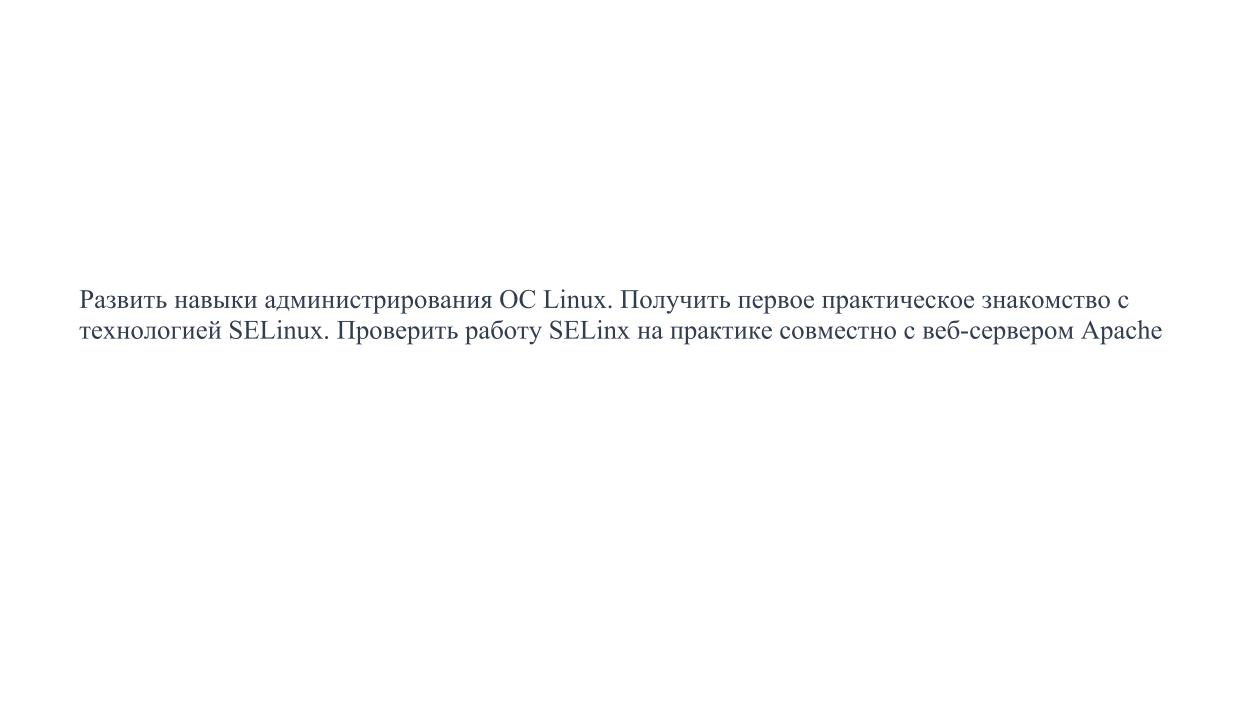
## Знакомство с SELinux

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## Цели и задачи





```
[root@mona alseedmona]# sestatus
SELinux status:
                               enabled
SELinuxfs mount:
                                /sys/fs/selinux
SELinux root directory:
                               /etc/selinux
Loaded policy name:
                                targeted
Current mode:
                               enforcing
Mode from config file:
                               enforcing
Policy MLS status:
                               enabled
Policy deny unknown status:
                               allowed
Max kernel policy version:
                               31
[root@mona_alseedmona]# service httpd start
Redirecting to /bin/systemctl start httpd.service
[root@mona alseedmona]# service httpd status
Redirecting to /bin/systemctl status httpd.service
■ httpd.service - The Apache HTTP Server
  Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; vendor preset: disabled)
  Active: active (running) since Sat 2021-11-27 15:05:26 MSK; 1h 49min ago
    Docs: man:httpd(8)
          man:apachect1(8)
Main PID: 1420 (httpd)
  Status: "Total requests: 0; Current requests/sec: 0; Current traffic: 0 B/sec"
  CGroup: /system.slice/httpd.service
           -1420 /usr/sbin/httpd -DFOREGROUND
            -1421 /usr/sbin/httpd -DFOREGROUND
            -1422 /usr/sbin/httpd -DFOREGROUND
            -1423 /usr/sbin/httpd -DFOREGROUND
            -1424 /usr/sbin/httpd -DFOREGROUND
           └-1425 /usr/sbin/httpd -DFOREGROUND
Nov 27 15:05:16 mona.localdomain systemd[1]: Starting The Apache HTTP Server...
Nov 27 15:05:21 mona.localdomain httpd[1420]: AH00558: httpd: Could not reliably determine the...age
Nov 27 15:05:26 mona.localdomain systemd[1]: Started The Apache HTTP Server.
Hint: Some lines were ellipsized, use -l to show in full.
[root@mona alseedmona]#
```

Figure 1: запуск http

Figure 2: создание html-файла и доступ по http



**Figure 3:** ошибка доступа после изменения контекста

```
Iroot@mona html]# semanage port -l | grep http_port_t
http_port_t tcp 80, 81, 443, 488, 8008, 8009, 8443, 9000
pegasus_http_port_t tcp 5988
Iroot@mona html]# chcon -t httpd_sys_content_t /var/www/html/test.html
Iroot@mona html]# semanage port -d -t http_port_t -p tcp 81
ValueError: Port tcp/81 is defined in policy, cannot be deleted
Iroot@mona html]# rm /var/www/html/test.html
rm: remove regular file '/var/www/html/test.html'?
Iroot@mona html]#
```

Figure 4: доступ по http на 81 порт

## Выводы

В процессе выполнения лабораторной работы были получены базовые навыки работы с технологией seLinux.