

Lab3

Apache HTTP- (a patchy server;
 Apache , Linux, BSD, macOS,
 Microsoft Windows, Novell NetWare, BeOS.
 Apache .
 IPv4. , .
 SELinux (. Security-Enhanced Linux — Linux) —
 ,
 .
 ,
 .
 rwx — , - .

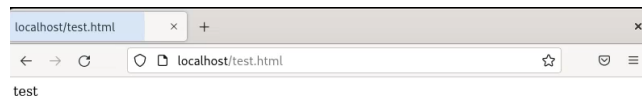
```
ifirstov@ifirstov:/etc/httpd/conf
[ifirstov@ifirstov conf]$ sestatus
SELinux status:                enabled
SELinuxfs mount:               /sys/fs/selinux
SELinux root directory:        /etc/selinux
Loaded policy name:             targeted
Current mode:                   enforcing
Mode from config file:         enforcing
Policy MLS status:             enabled
Policy deny unknown status:    allowed
Memory protection checking:    actual (secure)
Max kernel policy version:     33
[ifirstov@ifirstov conf]$ ser
```

. 1: SELinux enforcing targeted

```
ifirstov@ifirstov:/etc/httpd/conf — /bin/systemctl status httpd.service
Memory protection checking:    actual (secure)
Max kernel policy version:     33
[ifirstov@ifirstov conf]$ service httpd status
Redirecting to /bin/systemctl status httpd.service
● httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; enabled; vendor pre
   Active: active (running) since Sat 2022-10-15 21:31:59 MSK; 2min 22s ago
     Docs: man:httpd.service(8)
   Main PID: 40900 (httpd)
    Status: "Total requests: 0; Idle/Busy workers 100/0;Requests/sec: 0; Bytes
   Tasks: 213 (limit: 12212)
  Memory: 22.6M
     CPU: 81ms
   CGroup: /system.slice/httpd.service
           └─40900 /usr/sbin/httpd -DFOREGROUND
             └─40901 /usr/sbin/httpd -DFOREGROUND
               └─40905 /usr/sbin/httpd -DFOREGROUND
                 └─40906 /usr/sbin/httpd -DFOREGROUND
                   └─40908 /usr/sbin/httpd -DFOREGROUND

OCT 15 21:31:59 ifirstov.localdomain systemd[1]: Starting The Apache HTTP Serve
OCT 15 21:31:59 ifirstov.localdomain systemd[1]: Started The Apache HTTP Server.
OCT 15 21:31:59 ifirstov.localdomain httpd[40900]: Server configured, listening
[lines 1-19/19 (END)]
```

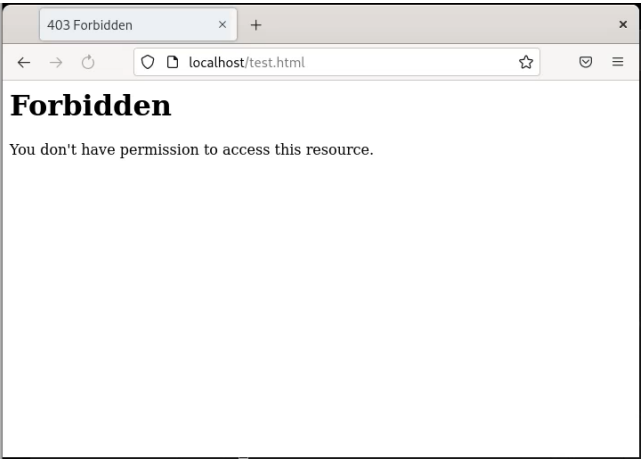
. 2: service httpd status



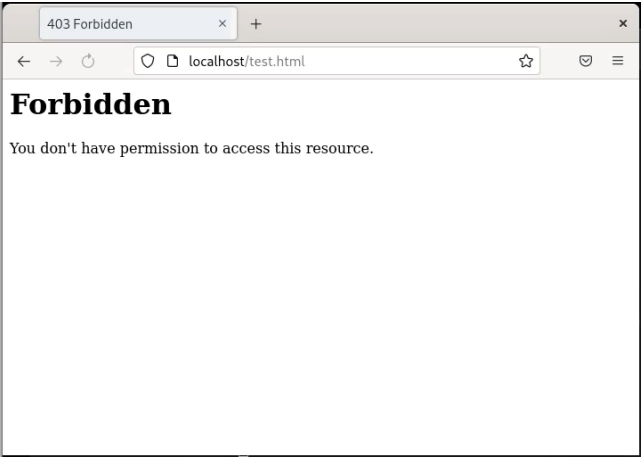
. 5: test.html

```
ifirstov@ifirstov/etc/httpd/conf
итого 0
[ifirstov@ifirstov conf]$ ls -l /var/www/html/
итого 0
[ifirstov@ifirstov conf]$ ls -l /var/www/
итого 0
drwxr-xr-x. 2 root root 6 мая 16 15:10 cgi-bin
drwxr-xr-x. 2 root root 6 мая 16 15:10 html
[ifirstov@ifirstov conf]$ sudo touch /var/www/html/test.html
[ifirstov@ifirstov conf]$ sudo nano /var/www/html/test.html
[ifirstov@ifirstov conf]$ ls -l /var/www/html/
итого 4
-rw-r--r--. 1 root root 36 окт 15 21:37 test.html
[ifirstov@ifirstov conf]$ chcon -t samba_share_t /var/www/html/test.html
chcon: не удалось изменить контекст безопасности '/var/www/html/test.html' на «u
nconfined_u:object_r:samba_share_t:s0»: Операция не позволена
[ifirstov@ifirstov conf]$ sudo chcon -t samba_share_t /var/www/html/test.html
[ifirstov@ifirstov conf]$ ls -l /var/www/html/
итого 4
-rw-r--r--. 1 root root 36 окт 15 21:37 test.html
[ifirstov@ifirstov conf]$ ls -lZ /var/www/html/
итого 4
-rw-r--r--. 1 root root unconfined_u:object_r:samba_share_t:s0 36 окт 15 21:37 t
est.html
[ifirstov@ifirstov conf]$
```

. 6: test.html



. 7:



. 8: