

# Linux

№6

27 2024





- Linux. SELinux
- SELinux - Apache.



# SELinux

```
(kotarutina@kotarutina)-[~]
```

```
$ getenforce
```

```
Enforcing
```

```
(kotarutina@kotarutina)-[~]
```

```
$ sestatus
```

```
SELinux status:                enabled
SELinuxfs mount:                /sys/fs/selinux
SELinux root directory:         /etc/selinux
Loaded policy name:              default
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
```

```
(kotarutina@kotarutina)-[~]
```

```
$ service httpd status
```

```
Unit httpd.service could not be found.
```

```
(kotarutina@kotarutina)-[~]
```

```
$ ls -lZ /var/www
```

```
total 4
drwxr-xr-x. 3 root root system_u:object_r:httpd_sys_content_t:s0 4096 Apr 27
14:48 html
```

```
(kotarutina@kotarutina)-[~]
```

```
$ ls -lZ /var/www
```

```
total 4
```

```
drwxr-xr-x. 3 root root system_u:object_r:httpd_sys_content_t:s0 4096 Apr 27  
14:48 html
```

```
(kotarutina@kotarutina)-[~]
```

```
$ ls -lZ /var/www/html
```

```
total 20
```

```
drwxrwxrwx. 12 root root system_u:object_r:httpd_sys_content_t:s0 4096 Apr 2  
7 14:48 DVWA  
-rw-r--r--. 1 root root system_u:object_r:httpd_sys_content_t:s0 10701 Apr 2  
6 21:18 index.html  
-rw-r--r--. 1 root root system_u:object_r:httpd_sys_content_t:s0 615 Apr 2  
6 21:20 index.nginx-debian.html
```

```
(kotarutina@kotarutina)-[~]  
$ sudo chmod 777 /var/www/html/test.html
```

```
(kotarutina@kotarutina)-[~]  
$ mcedit /var/www/html/test.html
```



```
(kotarutina@kotarutina)-[~]
```

```
$ firefox
```

```
ExceptionHandler::GenerateDump cloned child 10955
```

```
ExceptionHandler::SendContinueSignalToChild sent continue signal to child
```

```
ExceptionHandler::WaitForContinueSignal waiting for continue signal ...
```

```
(kotarutina@kotarutina)-[~]  
$ man httpd_selinux  
No manual entry for httpd_selinux
```

```
(kotarutina@kotarutina)-[~]  
$ ls -Z /var/www/html/test.html  
unconfined_u:object_r:httpd_sys_content_t:s0 /var/www/html/test.html
```

```
(kotarutina@kotarutina)-[~]  
$ chcon -t samba_share_t /var/www/html/test.html  
chcon: failed to change context of '/var/www/html/test.html' to 'unconfined_u:object_r:samba_share_t:s0': Operation not permitted
```

```
(kotarutina@kotarutina)-[~]  
$ sudo chcon -t samba_share_t /var/www/html/test.html
```

```
(kotarutina@kotarutina)-[~]  
$ ls -Z /var/www/html/test.html  
unconfined_u:object_r:samba_share_t:s0 /var/www/html/test.html
```

- SELinux on Linux.
- SELinux - Apache.