



Jesenji semestar, 2022/23

PREDMET: IT381 - Zaštita i bezbednost informacija

Domaći Zadatak br. 3

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Datum izrade: **09.03.2023**

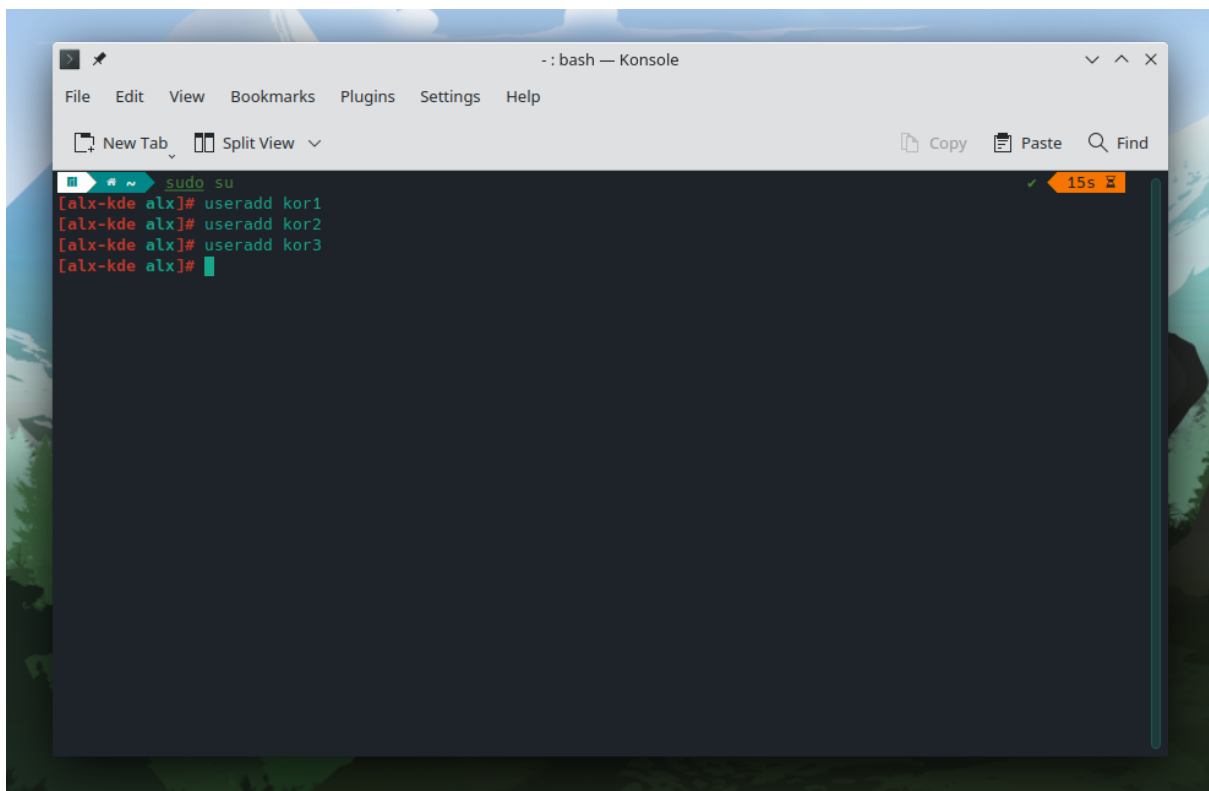
Tekst Zadataka

Napravite Vašu situaciju sa korisnicima, grupama i dozvolama za pristup datotekama sličnu današnjoj vežbi (mora biti sasvim drugačija). Zadatak mora imati dva slučaja. Osnovni slučaj i nakon promena ACL. Pre praktične provere, dati procenu konačne situacije, a onda izvršiti praktičnu proveru.

Zadatak

Za prikaz ovog domaćeg zadatka koristio sam O.S. Manjaro Linux.

Kreiranje korisnika



```
- : bash — Konsole
File Edit View Bookmarks Plugins Settings Help
New Tab Split View Copy Paste Find
[alx-kde alx]# sudo su
[alx-kde alx]# useradd kor1
[alx-kde alx]# useradd kor2
[alx-kde alx]# useradd kor3
[alx-kde alx]#
```

Prikaz informacija za kreirane korisnike:

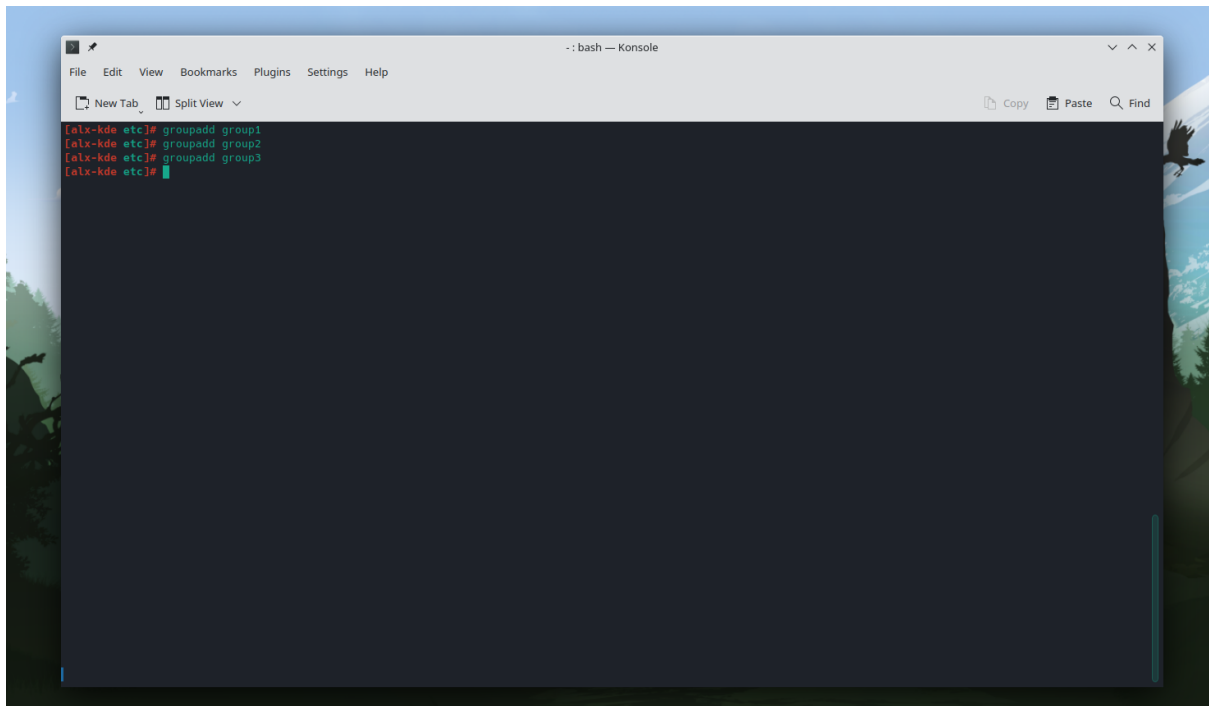
```
~  
File Edit View Bookmarks Plugins Settings Help  
New Tab Split View Copy Paste Find  
[alx-kde ~]# su  
bin desktopfs-pkgs.txt etc lib lost+found opt root run srv tmp var  
boot dev home lib64 mnt proc rootfs-pkgs.txt/sbin sys usr  
[alx-kde ~]# cd etc/  
[alx-kde etc]# cat passwd  
root:x:0:0:/:root:/bin/bash  
nobody:x:65534:65534:Kernel Overflow User:/usr/bin/nologin  
dbus:x:81:81:System Message Bus:/usr/bin/nologin  
bin:x:1:1:/:usr/bin/nologin  
daemon:x:2:2:/:usr/bin/nologin  
mail:x:8:12:/:var/spool/mail:/usr/bin/nologin  
ftp:x:14:11:/:srv/ftp:/usr/bin/nologin  
http:x:33:33:/:srv/http:/usr/bin/nologin  
systemd-coredump:x:981:981:systemd Core Dumper:/usr/bin/nologin  
systemd-network:x:998:998:systemd Network Management:/usr/bin/nologin  
systemd-oom:x:979:979:systemd Userspace OOM Killer:/usr/bin/nologin  
systemd-journal-remote:x:978:978:systemd Journal Remote:/usr/bin/nologin  
systemd-resolve:x:977:977:systemd Resolver:/usr/bin/nologin  
systemd-timesync:x:976:976:systemd Time Synchronization:/usr/bin/nologin  
tss:x:975:975:tss user for tpm2:/usr/bin/nologin  
uuidd:x:98:68:/:usr/bin/nologin  
dhcpcd:x:974:974:dhcpcd privilege separation:/usr/bin/nologin  
dnsmasq:x:973:973:dnsmasq daemon:/usr/bin/nologin  
rpc:x:32:32:Rpcbind Daemon:/var/lib/rpcbind:/usr/bin/nologin  
rpcuser:x:34:34:RPC Service User:/var/lib/ntfs:/usr/bin/nologin  
avahi:x:972:972:Avahi mDNS/DNS-SD daemon:/usr/bin/nologin  
cups:x:289:289:cups helper user:/usr/bin/nologin  
flatpak:x:971:971:Flatpak system helper:/usr/bin/nologin  
geoclue:x:978:978:Geoinformation service:/var/lib/geoclue:/usr/bin/nologin  
git:x:969:969:git daemon user:/usr/bin/git-shell  
nm-openconnect:x:968:968:NetworkManager OpenConnect:/usr/bin/nologin  
nm-openvpn:x:967:967:NetworkManager OpenVPN:/usr/bin/nologin  
ntp:x:87:87:Network Time Protocol:/var/lib/ntp:/bin/false  
openvpn:x:966:966:OpenVPN:/usr/bin/nologin  
polkitd:x:102:102:PolicyKit daemon:/usr/bin/nologin  
rtkit:x:133:133:RealtimeKit:/proc:/usr/bin/nologin  
saned:x:965:965:SANE daemon user:/usr/bin/nologin  
sddm:x:964:964:Simple Desktop Display Manager:/var/lib/sddm:/usr/bin/nologin  
usbmux:x:140:140:usbmux user:/usr/bin/nologin  
alx:x:1080:1080:alx:/home/alx:/bin/bash  
kor1:x:1001:1001:/:home/kor1:/bin/bash  
kor2:x:1002:1002:/:home/kor2:/bin/bash  
kor3:x:1003:1003:/:home/kor3:/bin/bash  
[alx-kde etc]#
```

Prikaz enkriptovanih lozniki za kreiranje korisnike

```
~  
File Edit View Bookmarks Plugins Settings Help  
New Tab Split View Copy Paste Find  
[alx-kde etc]# cat shadow  
root:$6$9PdwA7HUXsfzv0V$ZU6LbnzT4Cfbec7yC1kf/n9GphiClcG/SXg.66Q5hVpF97glwLryfyrA04onGelzBXtCnwUTScgvskJoc/:19425::::::  
nobody:!*:19401::::::  
dbus:!*:19401::::::  
bin:!*:19401::::::  
daemon:!*:19401::::::  
mail:!*:19401::::::  
ftp:!*:19401::::::  
http:!*:19401::::::  
systemd-coredump:!*:19401::::::  
systemd-network:!*:19401::::::  
systemd-oom:!*:19401::::::  
systemd-journal-remote:!*:19401::::::  
systemd-resolve:!*:19401::::::  
systemd-timesync:!*:19401::::::  
tss:!*:19401::::::  
uuidd:!*:19401::::::  
dhcpcd:!*:19401::::::  
dnsmasq:!*:19401::::::  
rpc:!*:19401::::::  
rpcuser:!*:19401::::::  
avahi:!*:19401::::::  
cups:!*:19401::::::  
flatpak:!*:19401::::::  
geoclue:!*:19401::::::  
git:!*:19401::::::  
nm-openconnect:!*:19401::::::  
nm-openvpn:!*:19401::::::  
ntp:!*:19401::::::  
openvpn:!*:19401::::::  
polkitd:!*:19401::::::  
rtkit:!*:19401::::::  
saned:!*:19401::::::  
sddm:!*:19401::::::  
usbmux:!*:19401::::::  
alx:$6$yCny3TozVCRzmfzX9r./DcpyohUwT.80B33A3H2WCUXmE7kIa3roVMuSFdxM48hIDi8HRxowZsPozts5Q7ReQrXYfrL5zpYzsrPB0:19425:0:99999:7:::  
kor1:!:19428:0:99999:7:::  
kor2:!:19428:0:99999:7:::  
kor3:!:19428:0:99999:7:::  
[alx-kde etc]#
```

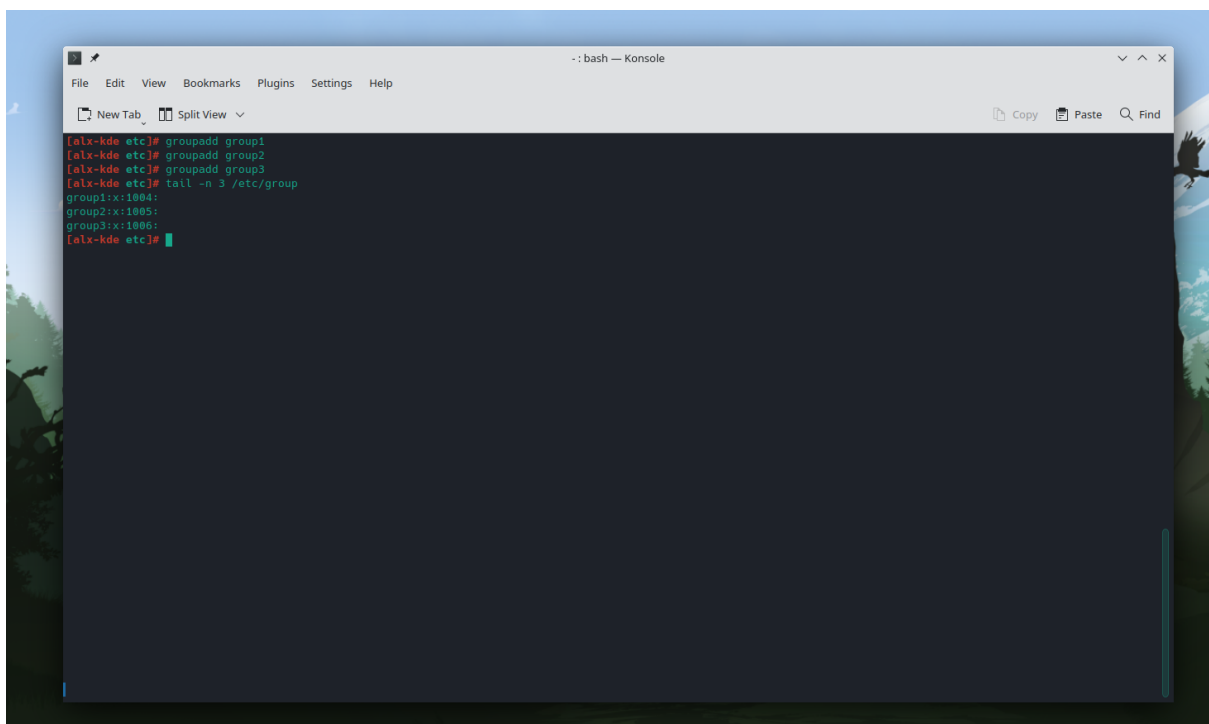
Podešavanje lozniki za kreiranje korisnike:

Kreiranje grupa



```
--: bash — Konsole
File Edit View Bookmarks Plugins Settings Help
New Tab Split View
[alx-kde etc]# groupadd group1
[alx-kde etc]# groupadd group2
[alx-kde etc]# groupadd group3
[alx-kde etc]#
```

Prikaz grupa:



```
--: bash — Konsole
File Edit View Bookmarks Plugins Settings Help
New Tab Split View
[alx-kde etc]# groupadd group1
[alx-kde etc]# groupadd group2
[alx-kde etc]# groupadd group3
[alx-kde etc]# tail -n 3 /etc/group
group1:x:1004:
group2:x:1005:
group3:x:1006:
[alx-kde etc]#
```

Dodavanje korisnika određenim grupama kao i prikaz grupa sa njihovim korisnicima:

```
~: bash — Konsole
File Edit View Bookmarks Plugins Settings Help
New Tab Split View Copy Paste Find

[alx-kde etc]# sudo usermod -a -G group1 kor1
[alx-kde etc]# sudo usermod -a -G group2 kor2
[alx-kde etc]# sudo usermod -a -G group3 kor3
[alx-kde etc]# tail -n 3 /etc/group
group1:x:1004:kor1
group2:x:1005:kor2
group3:x:1006:kor3
[alx-kde etc]#
```

Kreiranje fajlova

```
~: bash — Konsole
File Edit View Bookmarks Plugins Settings Help
New Tab Split View Copy Paste Find

[alx-kde /]# ls
bin boot desktopfs-pkgs.txt dev etc home lib lib64 lost+found mnt opt proc root rootfs-pkgs.txt run sbin srv sys tmp usr
var
[alx-kde /]# cd tmp
[alx-kde tmp]# ls
plasma-csd-generator.YFI1qX
qipc_sharedmemory_bdedbfdbabcbafb56cd51926635d136055035e4dd9c7d1f5003af98
qipc_sharedmemory_MSMNotifierforPlasmad7cd3d9ed002d00038761dcd548b1461629c9f02
.service-3bp7YY
qipc_systemsem_bdedbfdbabcbafb56cd51926635d136055035e4dd9c7d1f5003af98
nd.service-IxHs4i
qipc_systemsem_bfcabbfaeacebac69dadd18f634141b115a30ce0998c7a1e61e4cfb
ce-XGWrLs
qipc_systemsem_MSMNotifierforPlasmad7cd3d9ed002d00038761dcd548b1461629c9f02
[alx-kde tmp]# echo This file is for group 1 > group1_file
[alx-kde tmp]# echo This file is for group 2 > group2_file
[alx-kde tmp]# echo This file is for group 3 > group3_file
[alx-kde tmp]# ls
group1_file
e61e4cfb
group2_file
8b1461629c9f02
group3_file
plasma-csd-generator.YFI1qX
qipc_sharedmemory_bdedbfdbabcbafb56cd51926635d136055035e4dd9c7d1f5003af98
.service-3bp7YY
qipc_sharedmemory_MSMNotifierforPlasmad7cd3d9ed002d00038761dcd548b1461629c9f02
nd.service-IxHs4i
qipc_systemsem_bdedbfdbabcbafb56cd51926635d136055035e4dd9c7d1f5003af98
ce-XGWrLs
[alx-kde tmp]#
```

Prikaz privilegija za novokreirane fajlove:

```
-: bash — Konsole
File Edit View Bookmarks Plugins Settings Help
New Tab Split View Copy Paste Find

[alx-kde tmp]# ls -l
total 12
-rw-r--r-- 1 root root 25 Mar 12 21:16 group1_file
-rw-r--r-- 1 root root 25 Mar 12 21:16 group2_file
-rw-r--r-- 1 root root 25 Mar 12 21:16 group3_file
drwx----- 2 alx alx 40 Mar 12 21:04 plasma-csd-generator.YFIqX
-rw-r----- 1 alx alx 0 Mar 12 21:04 qipc_sharedmemory_bdedbfdbabcbafb56cd51926635d136055035e4dd9c7d1f5003af98
-rw-r----- 1 alx alx 0 Mar 12 21:04 qipc_sharedmemory_MSMNotifierforPlasmad7cd3d9ed002d00038761dcd548b1461629c9f02
-rw-r----- 1 alx alx 0 Mar 12 21:04 qipc_systemsem_bdedbfdbabcbafb56cd51926635d136055035e4dd9c7d1f5003af98
-rw-r----- 1 alx alx 0 Mar 12 21:04 qipc_systemsem_bfcabbfaecebac69dadd18f634141b115a30ce0998c7a1e61e4cfb
-rw-r----- 1 alx alx 0 Mar 12 21:04 qipc_systemsem_MSMNotifierforPlasmad7cd3d9ed002d00038761dcd548b1461629c9f02
srwx----- 1 sddm sddm 0 Mar 12 21:03 sddm-:0-bdvoRV
srwxr-xr-x 1 root root 0 Mar 12 21:03 sddm-authdeeaddb2-8cd7-464c-a43b-d6283948aaca
drwx----- 3 root root 60 Mar 12 21:03 systemd-private-3779457c72ca404d8fbbff10ab18c1bd-ModemManager.service-Jbp7YY
drwx----- 3 root root 60 Mar 12 21:03 systemd-private-3779457c72ca404d8fbbff10ab18c1bd-systemd-logind.service-IxHs4i
drwx----- 3 root root 60 Mar 12 21:03 systemd-private-3779457c72ca404d8fbbff10ab18c1bd-upower.service-XGWrLs
[alx-kde tmp]#
```

Dodeljivanje grupa fajlovima:

```
-: bash — Konsole
File Edit View Bookmarks Plugins Settings Help
New Tab Split View Copy Paste Find

[alx-kde tmp]# chgrp group1 group1_file
[alx-kde tmp]# ls
group1_file
group2_file
group3_file
plasma-csd-generator.YFIqX
qipc_sharedmemory_bdedbfdbabcbafb56cd51926635d136055035e4dd9c7d1f5003af98
qipc_sharedmemory_MSMNotifierforPlasmad7cd3d9ed002d00038761dcd548b1461629c9f02
qipc_systemsem_bdedbfdbabcbafb56cd51926635d136055035e4dd9c7d1f5003af98
qipc_systemsem_bfcabbfaecebac69dadd18f634141b115a30ce0998c7a1e61e4cfb
qipc_systemsem_MSMNotifierforPlasmad7cd3d9ed002d00038761dcd548b1461629c9f02
sddm-:0-bdvoRV
sddm-authdeeaddb2-8cd7-464c-a43b-d6283948aaca
systemd-private-3779457c72ca404d8fbbff10ab18c1bd-ModemManager.service-Jbp7YY
systemd-private-3779457c72ca404d8fbbff10ab18c1bd-systemd-logind.service-IxHs4i
systemd-private-3779457c72ca404d8fbbff10ab18c1bd-upower.service-XGWrLs
[alx-kde tmp]# chgrp group2 group2_file
[alx-kde tmp]# chgrp group3 group3_file
[alx-kde tmp]#
```

```
~ - bash — Konsole
File Edit View Bookmarks Plugins Settings Help
New Tab Split View Copy Paste Find

[alx-kde tmp]# chgrp group1 group1_file
[alx-kde tmp]# chgrp group2 group2_file
[alx-kde tmp]# chgrp group3 group3_file
[alx-kde tmp]# ls -l
bash: ls: command not found
[alx-kde tmp]# ls -l
total 12
-rwxrw-r-- 1 root group1 25 Mar 12 21:16 group1_file
-rwxr-xr-- 1 root group2 25 Mar 12 21:16 group2_file
-rwxrwxrwx 1 root group3 25 Mar 12 21:16 group3_file
drwx----- 2 alx alx 40 Mar 12 21:04 plasma-csd-generator.YFIlqX
-rw-r----- 1 alx alx 0 Mar 12 21:04 qipc_sharedmemory_bdedbfdbabcbafb56cd51926635d136055035e4dd9c7d1f5003af98
-rw-r----- 1 alx alx 0 Mar 12 21:04 qipc_sharedmemory_MSMNotifierforPlasmad7cd3d9ed002d00038761dcd548b1461629c9f02
-rw-r----- 1 alx alx 0 Mar 12 21:04 qipc_systemsem_bdedbfdbabcbafb56cd51926635d136055035e4dd9c7d1f5003af98
-rw-r----- 1 alx alx 0 Mar 12 21:04 qipc_systemsem_bfcabbfaecebac69dadd18f634141b115a30ce0998c7a1e61e4cfb
-rw-r----- 1 alx alx 0 Mar 12 21:04 qipc_systemsem_MSMNotifierforPlasmad7cd3d9ed002d00038761dcd548b1461629c9f02
srwx----- 1 sddm sddm 0 Mar 12 21:03 sddm-:0-bdvoRV
srwxr-xr-x 1 root root 0 Mar 12 21:03 sddm-authdeeaddb2-8cd7-464c-a43b-d6283948aaca
drwx----- 3 root root 60 Mar 12 21:03 systemd-private-3779457c72ca404d8fbbff10ab18c1bd-ModemManager.service-Jbp7YY
drwx----- 3 root root 60 Mar 12 21:03 systemd-private-3779457c72ca404d8fbbff10ab18c1bd-systemd-logind.service-IxHs4i
drwx----- 3 root root 60 Mar 12 21:03 systemd-private-3779457c72ca404d8fbbff10ab18c1bd-upower.service-XGWrLs
[alx-kde tmp]#
```

Podešavanje privilegija za svaki od fajlova, kao i prikaz nove definicije privilegija.

```
~ - bash — Konsole
File Edit View Bookmarks Plugins Settings Help
New Tab Split View Copy Paste Find

[alx-kde tmp]# sudo chmod u+rwx,g+rw,o+r group1_file
[alx-kde tmp]# sudo chmod u+rwx,g+rx,o+r group2_file
[alx-kde tmp]# sudo chmod u+rwx,g+rwx,o+rwx group3_file
[alx-kde tmp]# ls -l
total 12
-rwxrw-r-- 1 root group1 25 Mar 12 21:16 group1_file
-rwxr-xr-- 1 root group2 25 Mar 12 21:16 group2_file
-rwxrwxrwx 1 root group3 25 Mar 12 21:16 group3_file
drwx----- 2 alx alx 40 Mar 12 21:04 plasma-csd-generator.YFIlqX
-rw-r----- 1 alx alx 0 Mar 12 21:04 qipc_sharedmemory_bdedbfdbabcbafb56cd51926635d136055035e4dd9c7d1f5003af98
-rw-r----- 1 alx alx 0 Mar 12 21:04 qipc_sharedmemory_MSMNotifierforPlasmad7cd3d9ed002d00038761dcd548b1461629c9f02
-rw-r----- 1 alx alx 0 Mar 12 21:04 qipc_systemsem_bdedbfdbabcbafb56cd51926635d136055035e4dd9c7d1f5003af98
-rw-r----- 1 alx alx 0 Mar 12 21:04 qipc_systemsem_bfcabbfaecebac69dadd18f634141b115a30ce0998c7a1e61e4cfb
-rw-r----- 1 alx alx 0 Mar 12 21:04 qipc_systemsem_MSMNotifierforPlasmad7cd3d9ed002d00038761dcd548b1461629c9f02
srwx----- 1 sddm sddm 0 Mar 12 21:03 sddm-:0-bdvoRV
srwxr-xr-x 1 root root 0 Mar 12 21:03 sddm-authdeeaddb2-8cd7-464c-a43b-d6283948aaca
drwx----- 3 root root 60 Mar 12 21:03 systemd-private-3779457c72ca404d8fbbff10ab18c1bd-ModemManager.service-Jbp7YY
drwx----- 3 root root 60 Mar 12 21:03 systemd-private-3779457c72ca404d8fbbff10ab18c1bd-systemd-logind.service-IxHs4i
drwx----- 3 root root 60 Mar 12 21:03 systemd-private-3779457c72ca404d8fbbff10ab18c1bd-upower.service-XGWrLs
[alx-kde tmp]#
```


Testiranje privilegija

```
--: bash — Konsole
File Edit View Bookmarks Plugins Settings Help
New Tab Split View Copy Paste Find

drwx----- 3 root root 60 Mar 12 21:03 systemd-private-3779457c72ca404d8fbbff10ab18c1bd-ModemManager.service-Jbp7YY
drwx----- 3 root root 60 Mar 12 21:03 systemd-private-3779457c72ca404d8fbbff10ab18c1bd-systemd-logind.service-IxHs4i
drwx----- 3 root root 60 Mar 12 21:03 systemd-private-3779457c72ca404d8fbbff10ab18c1bd-upower.service-XGWrLs
[alx-kde tmp]# sudo -u kor1 -s
[kor1@alx-kde tmp]$ ls
group1_file
group2_file
group3_file
plasma-csd-generator.YFIqX
qipc_sharedmemory_bdedbfdbabcbafb56cd51926635d136055035e4dd9c7d1f5003af98
qipc_sharedmemory_MSMNotifierforPlasmad7cd3d9ed002d00038761dcd548b1461629c9f02
qipc_systemsem_bdedbfdbabcbafb56cd51926635d136055035e4dd9c7d1f5003af98
qipc_systemsem_bfcabbfaecebac69dadd18f634141b115a30ce0998c7a1e61e4cfb
qipc_systemsem_MSMNotifierforPlasmad7cd3d9ed002d00038761dcd548b1461629c9f02
sddm-:0-bdvoRV
sddm-authdeeadb2-8cd7-464c-a43b-d6283948aaca
systemd-private-3779457c72ca404d8fbbff10ab18c1bd-ModemManager.service-Jbp7YY
systemd-private-3779457c72ca404d8fbbff10ab18c1bd-systemd-logind.service-IxHs4i
systemd-private-3779457c72ca404d8fbbff10ab18c1bd-upower.service-XGWrLs
[kor1@alx-kde tmp]$ cat group1_file
This file is for group 1
[kor1@alx-kde tmp]$ cat group2_file
This file is for group 2
[kor1@alx-kde tmp]$ cat group3_file
This file is for group 3
[kor1@alx-kde tmp]$
```

```
--: bash — Konsole
File Edit View Bookmarks Plugins Settings Help
New Tab Split View Copy Paste Find

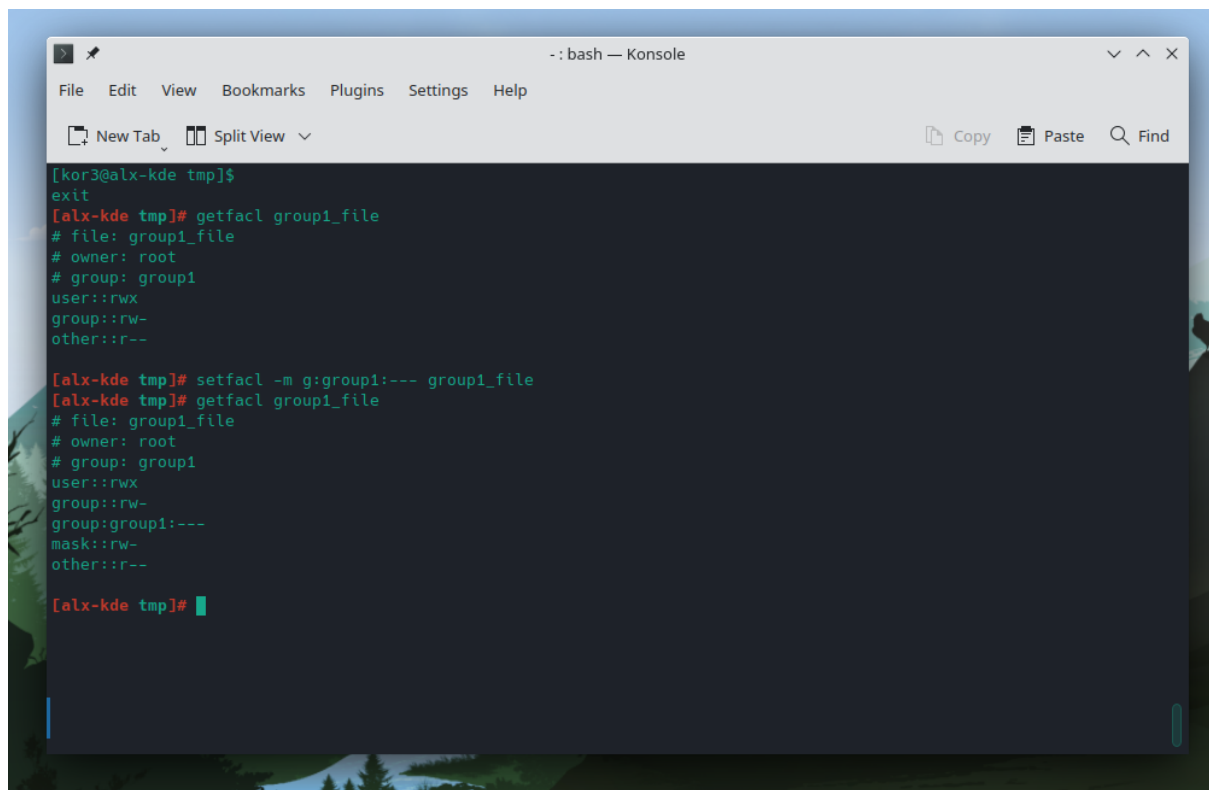
[alx-kde tmp]# sudo -u kor2 -s
[kor2@alx-kde tmp]$ cat group1_file
This file is for group 1
[kor2@alx-kde tmp]$ cat group2_file
This file is for group 2
[kor2@alx-kde tmp]$ cat group3_file
This file is for group 3
[kor2@alx-kde tmp]$
```

```
[alx-kde tmp]# sudo -u kor3 -s
[kor3@alx-kde tmp]$ cat group1_file
This file is for group 1
[kor3@alx-kde tmp]$ cat group2_file
This file is for group 2
[kor3@alx-kde tmp]$ cat group3_file
This file is for group 3
[kor3@alx-kde tmp]$ █
```

Osnovni slučaj:

	Kor1	Kor2	Kor3
group1	Da	Da	Da
group2	Da	Da	Da
group3	Da	Da	Da

Primena ACL (Access Control Language)

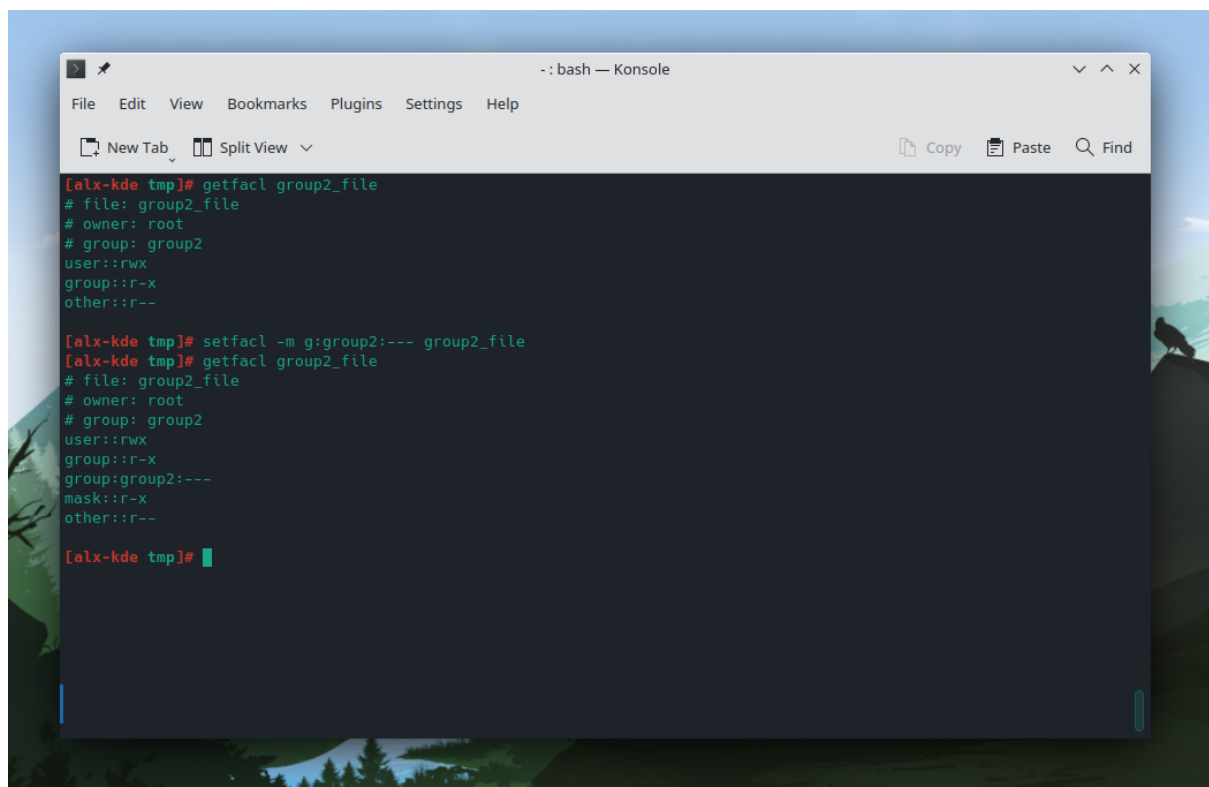


A screenshot of a terminal window titled "Konsole" with a menu bar (File, Edit, View, Bookmarks, Plugins, Settings, Help) and a toolbar (New Tab, Split View, Copy, Paste, Find). The terminal shows the following commands and output:

```
[kor3@alx-kde tmp]$ exit
[alx-kde tmp]# getfacl group1_file
# file: group1_file
# owner: root
# group: group1
user::rwx
group::rw-
other::r--

[alx-kde tmp]# setfacl -m g:group1:--- group1_file
[alx-kde tmp]# getfacl group1_file
# file: group1_file
# owner: root
# group: group1
user::rwx
group::rw-
group:group1:---
mask::rw-
other::r--

[alx-kde tmp]#
```



A screenshot of a terminal window titled "Konsole" with a menu bar (File, Edit, View, Bookmarks, Plugins, Settings, Help) and a toolbar (New Tab, Split View, Copy, Paste, Find). The terminal shows the following commands and output:

```
[alx-kde tmp]# getfacl group2_file
# file: group2_file
# owner: root
# group: group2
user::rwx
group::r-x
other::r--

[alx-kde tmp]# setfacl -m g:group2:--- group2_file
[alx-kde tmp]# getfacl group2_file
# file: group2_file
# owner: root
# group: group2
user::rwx
group::r-x
group:group2:---
mask::r-x
other::r--

[alx-kde tmp]#
```

```
--: bash — Konsole
File Edit View Bookmarks Plugins Settings Help
New Tab Split View
Copy Paste Find

[alx-kde tmp]# getfacl group3_file
# file: group3_file
# owner: root
# group: group3
user::rwx
group::rwx
other::rwx

[alx-kde tmp]# setfacl -m g::--- group3_file
[alx-kde tmp]# getfacl group3_file
# file: group3_file
# owner: root
# group: group3
user::rwx
group::---
other::rwx

[alx-kde tmp]#
```

```
--: bash — Konsole
File Edit View Bookmarks Plugins Settings Help
New Tab Split View
Copy Paste Find

[alx-kde tmp]# getfacl group3_file
# file: group3_file
# owner: root
# group: group3
user::rwx
group::rwx
other::rwx

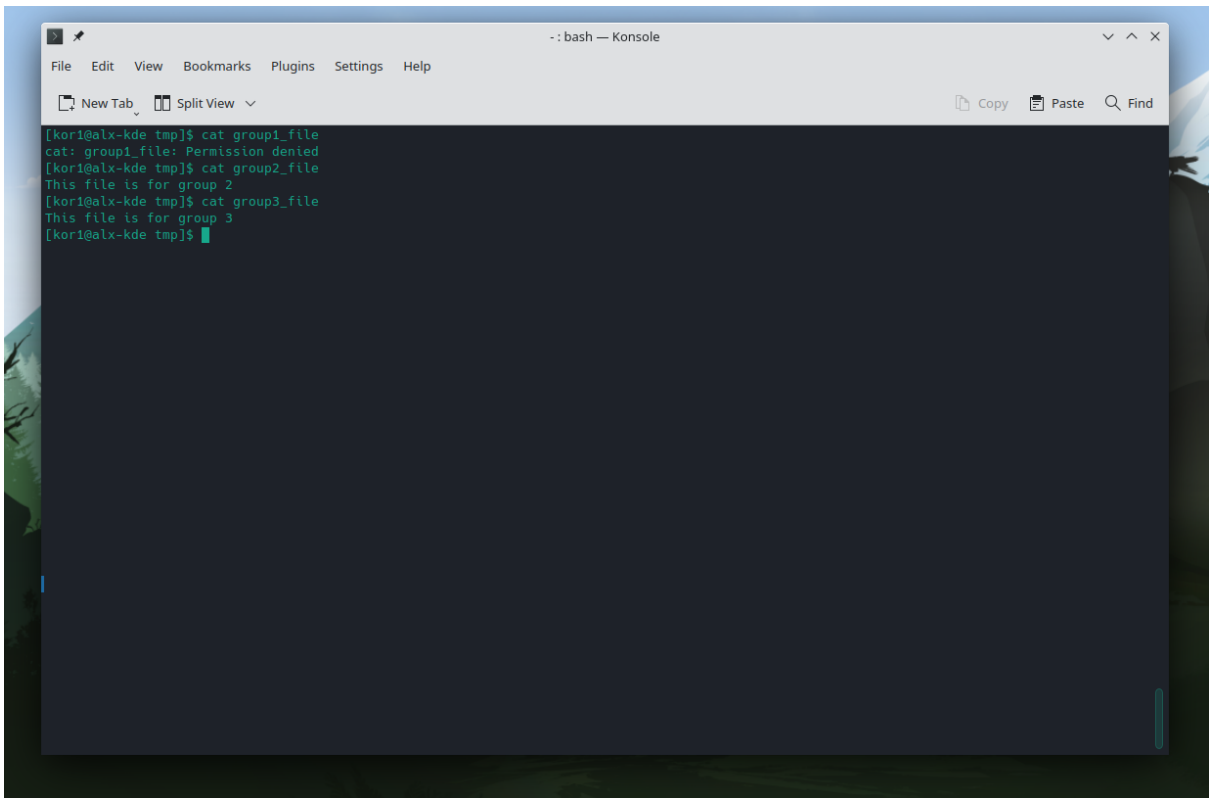
[alx-kde tmp]# setfacl -m g::--- group3_file
[alx-kde tmp]# getfacl group3_file
# file: group3_file
# owner: root
# group: group3
user::rwx
group::---
other::rwx

[alx-kde tmp]# getfacl group3_file
# file: group3_file
# owner: root
# group: group3
user::rwx
group::---
other::rwx

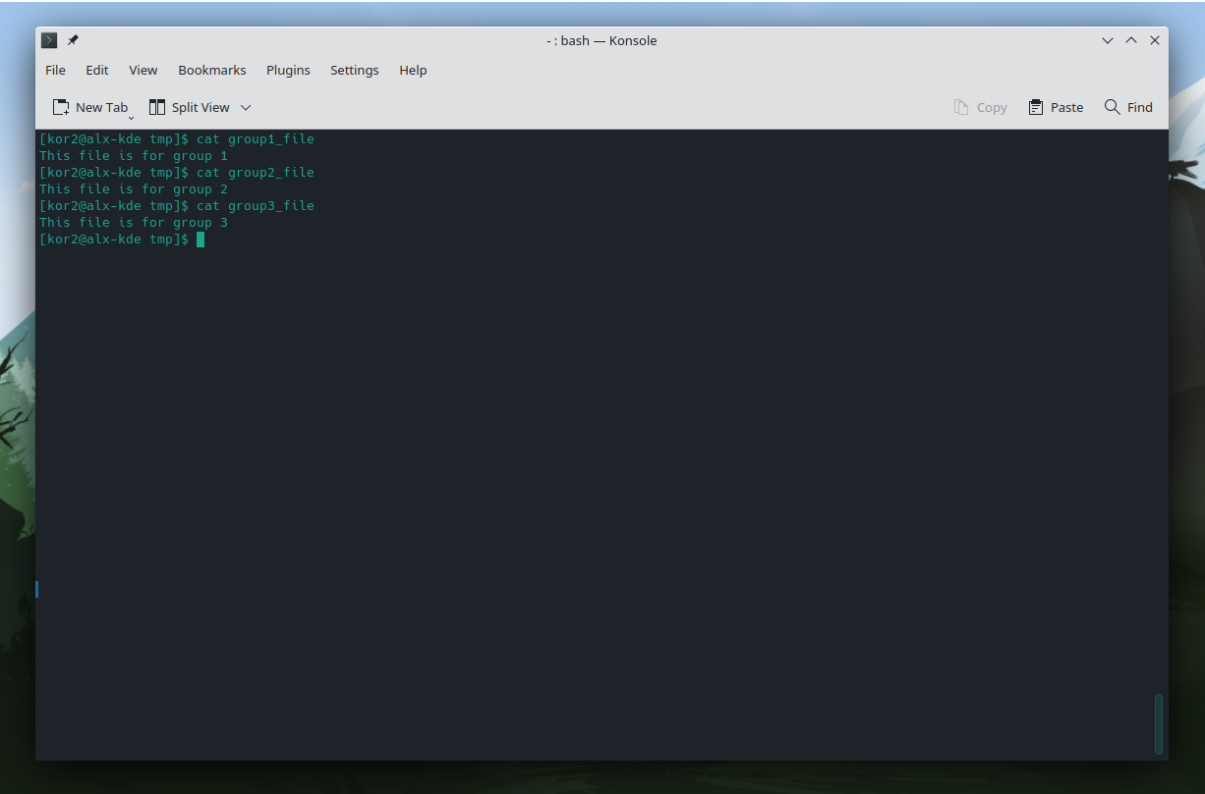
[alx-kde tmp]# setfacl -m u:kori:r-- group3_file
[alx-kde tmp]# getfacl group3_file
# file: group3_file
# owner: root
# group: group3
user::rwx
user:kori:r--
group::---
mask::r--
other::rwx

[alx-kde tmp]#
```

Testiranje ACL

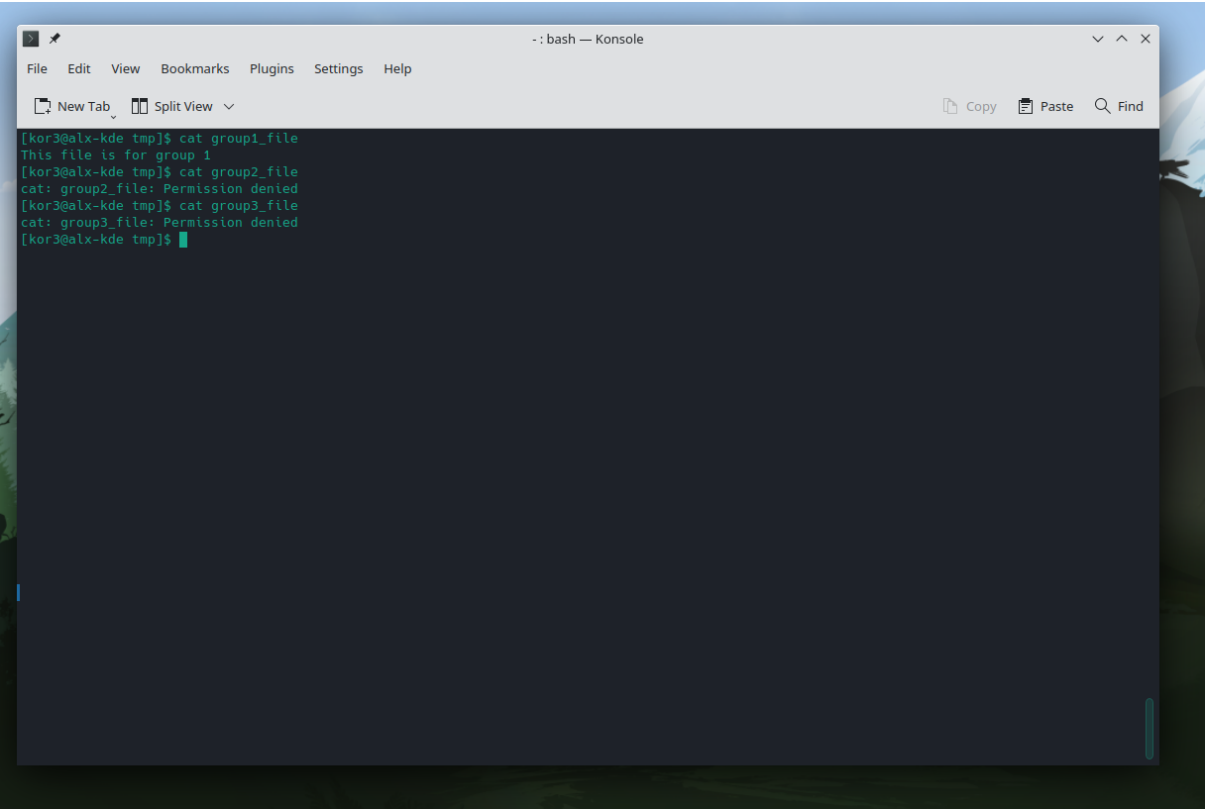


	kor1
group1	Ne
group2	Da
group3	Da



```
-- bash -- Konsole
File Edit View Bookmarks Plugins Settings Help
New Tab Split View
[kor2@alx-kde tmp]$ cat group1_file
This file is for group 1
[kor2@alx-kde tmp]$ cat group2_file
This file is for group 2
[kor2@alx-kde tmp]$ cat group3_file
This file is for group 3
[kor2@alx-kde tmp]$
```

	kor2
group1	Da
group2	Da
group3	Da



```
--: bash — Konsole
File Edit View Bookmarks Plugins Settings Help
New Tab Split View
[kor3@alx-kde tmp]$ cat group1_file
This file is for group 1
[kor3@alx-kde tmp]$ cat group2_file
cat: group2_file: Permission denied
[kor3@alx-kde tmp]$ cat group3_file
cat: group3_file: Permission denied
[kor3@alx-kde tmp]$
```

	kor3
group1	Da
group2	Ne
group3	Ne

Modifikovan slučaj primenom ACL:

	Kor1	Kor2	Kor3
group1	Da	Da	Da
group2	Ne	Da	Da
group3	Da	Da	Ne