

Презентация

Лабораторная работа №8

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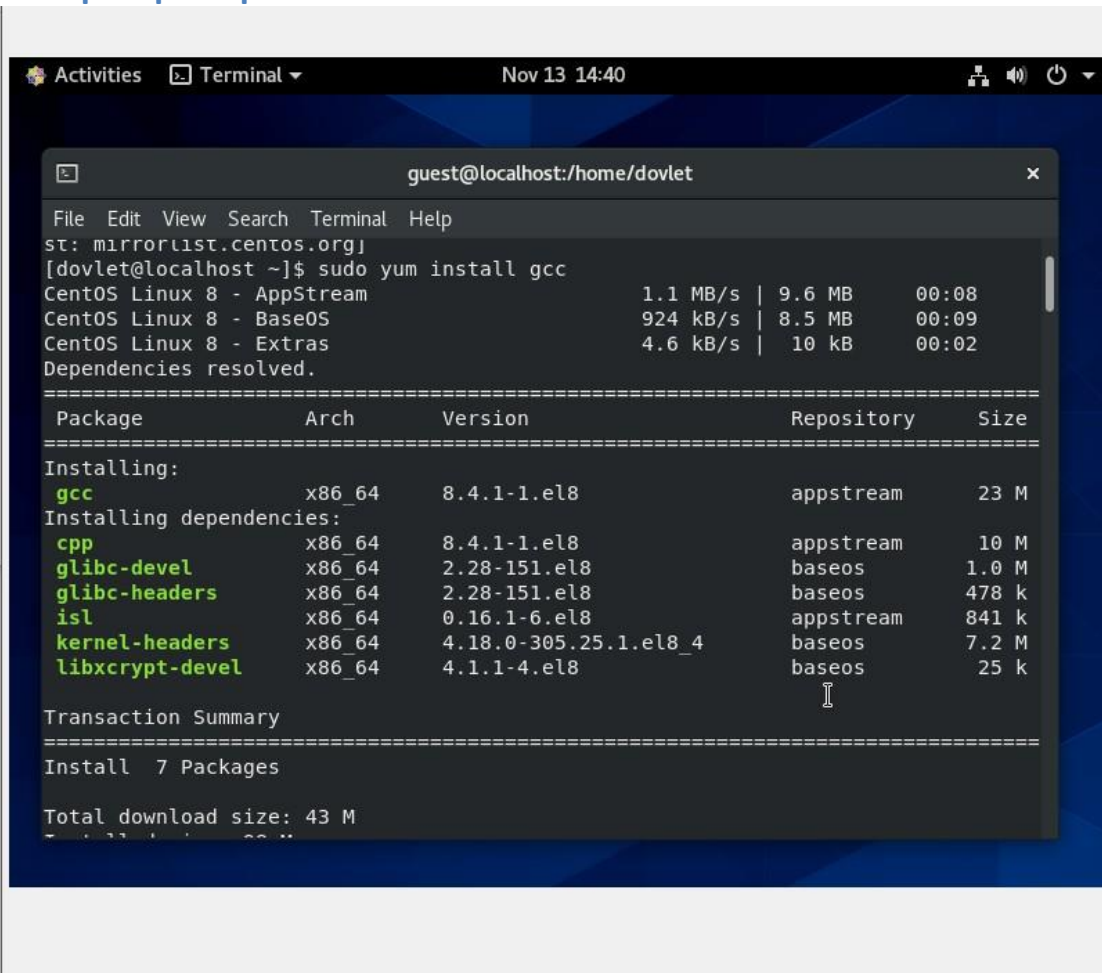
Цели и задачи работы

Цель лабораторной работы

Развить навыки администрирования ОС Linux. Получить первое практическое знакомство с технологией SELinux1 . Проверить работу SELinx на практике совместно с веб-сервером Apache.

Процесс выполнения лабораторной работы

Лабораторная работа 8



The screenshot shows a terminal window titled "guest@localhost:/home/dovlet" with a menu bar (File, Edit, View, Search, Terminal, Help). The user has run the command `sudo yum install gcc`. The terminal output shows the progress of downloading packages from various repositories (CentOS Linux 8 - AppStream, BaseOS, Extras) and a detailed list of packages to be installed, including their architecture, version, repository, and size. A transaction summary at the bottom indicates that 7 packages will be installed with a total download size of 43 M.

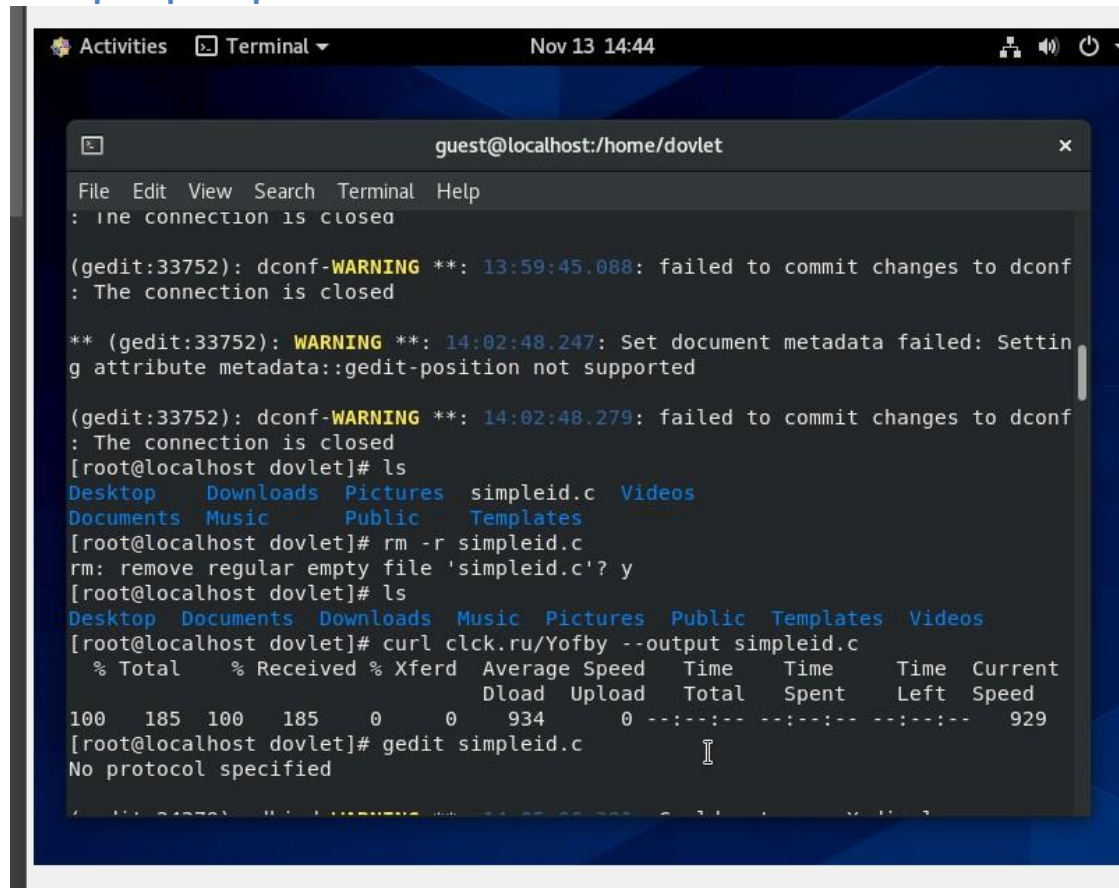
```
st: mirrorlist.centos.org]
[dovlet@localhost ~]$ sudo yum install gcc
CentOS Linux 8 - AppStream          1.1 MB/s | 9.6 MB      00:08
CentOS Linux 8 - BaseOS             924 kB/s | 8.5 MB      00:09
CentOS Linux 8 - Extras             4.6 kB/s | 10 kB       00:02
Dependencies resolved.
=====
Package                Arch      Version              Repository           Size
=====
Installing:
gcc                    x86_64    8.4.1-1.el8          appstream            23 M
Installing dependencies:
cpp                    x86_64    8.4.1-1.el8          appstream            10 M
glibc-devel           x86_64    2.28-151.el8         baseos                1.0 M
glibc-headers         x86_64    2.28-151.el8         baseos                478 k
isl                    x86_64    0.16.1-6.el8         appstream             841 k
kernel-headers        x86_64    4.18.0-305.25.1.el8_4 baseos                7.2 M
libxcrypt-devel       x86_64    4.1.1-4.el8          baseos                25 k

Transaction Summary
=====
Install 7 Packages

Total download size: 43 M
```

Создание пользователя guest

Лабораторная работа 8



```
guest@localhost:/home/dovlet
File Edit View Search Terminal Help
: ine connection is closed

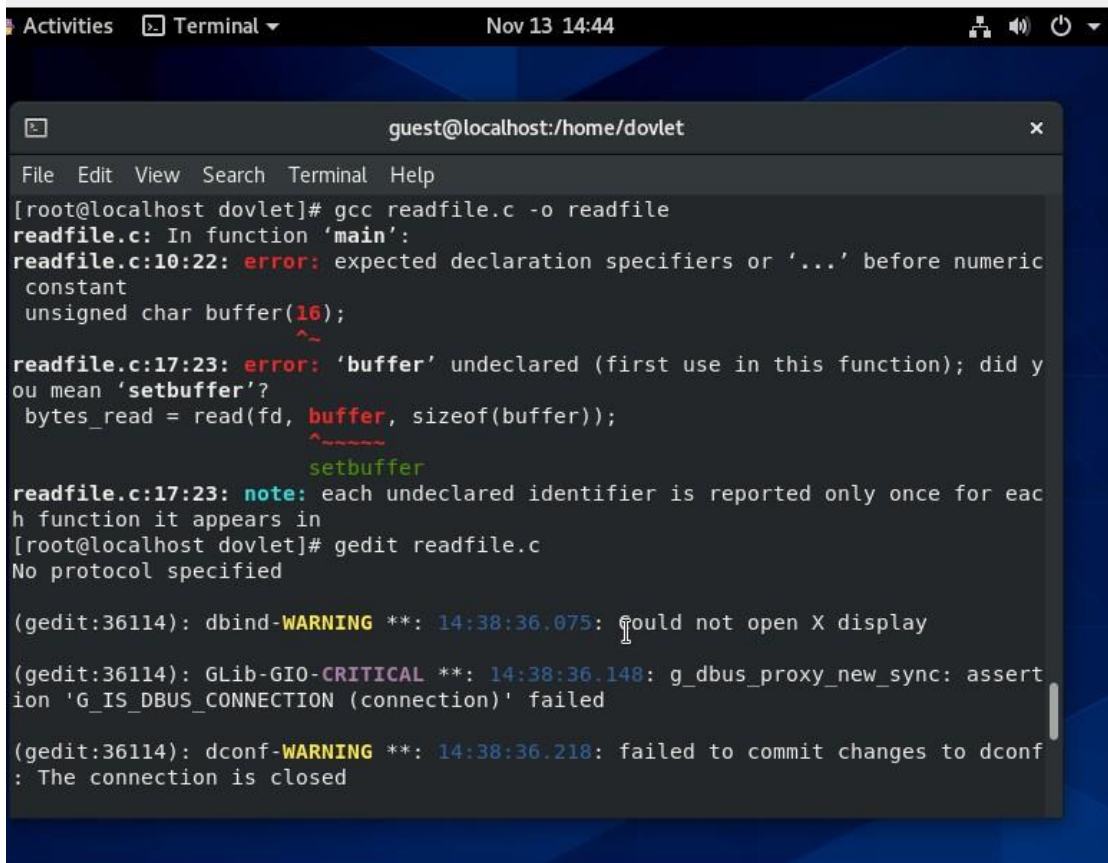
(gedit:33752): dconf-WARNING **: 13:59:45.088: failed to commit changes to dconf
: The connection is closed

** (gedit:33752): WARNING **: 14:02:48.247: Set document metadata failed: Setting attribute metadata::gedit-position not supported

(gedit:33752): dconf-WARNING **: 14:02:48.279: failed to commit changes to dconf
: The connection is closed
[root@localhost dovlet]# ls
Desktop Downloads Pictures simpleid.c Videos
Documents Music Public Templates
[root@localhost dovlet]# rm -r simpleid.c
rm: remove regular empty file 'simpleid.c'? y
[root@localhost dovlet]# ls
Desktop Documents Downloads Music Pictures Public Templates Videos
[root@localhost dovlet]# curl clck.ru/Yofby --output simpleid.c
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
100  185  100  185    0     0   934      0 --:--:-- --:--:-- --:--:--   929
[root@localhost dovlet]# gedit simpleid.c
No protocol specified
```

Переход на пользователя guest

Лабораторная работа 8



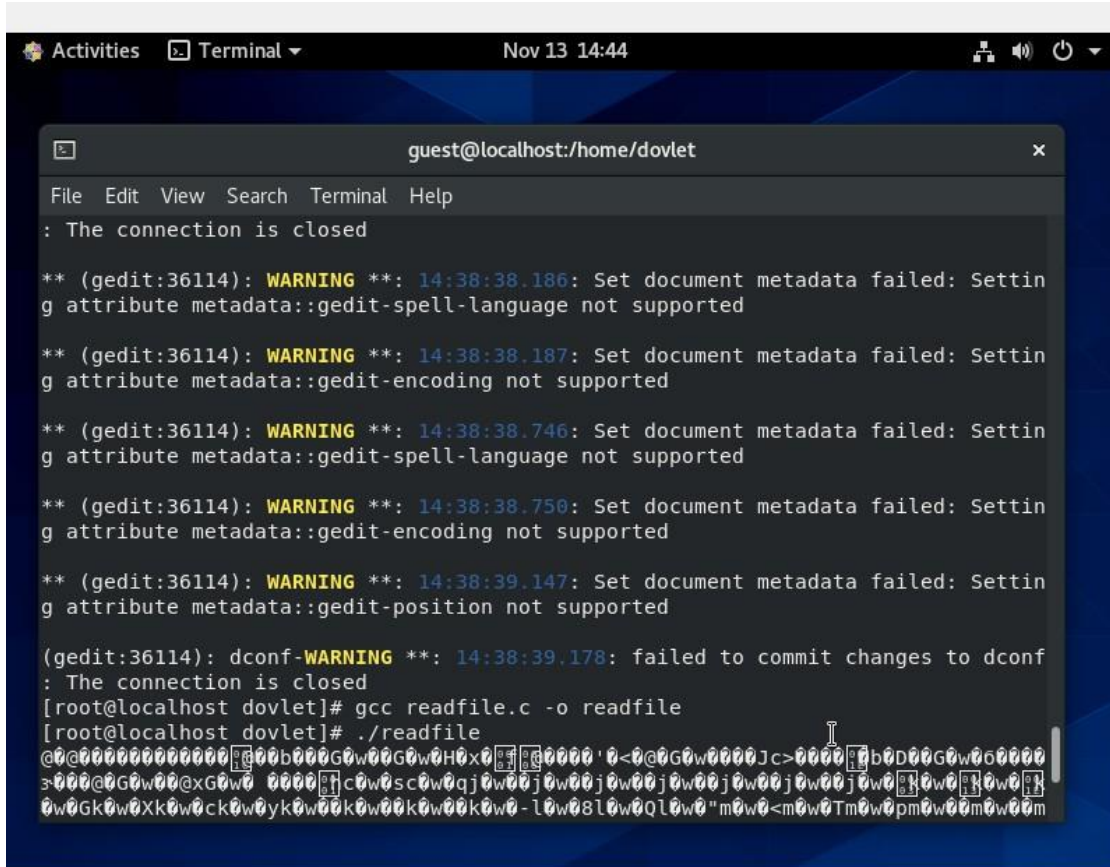
The screenshot shows a terminal window titled "guest@localhost:/home/dovlet" with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal output shows the compilation of "readfile.c" using "gcc". Two errors are reported: an "error: expected declaration specifiers or '...' before numeric constant" at line 10:22 for "buffer(16)", and an "error: 'buffer' undeclared" at line 17:23. A note indicates that undeclared identifiers are reported only once. The user then runs "gedit readfile.c", which results in several system warnings and a critical error from Glib-GIO related to a failed DBUS connection.

```
guest@localhost:/home/dovlet
File Edit View Search Terminal Help
[root@localhost dovlet]# gcc readfile.c -o readfile
readfile.c: In function 'main':
readfile.c:10:22: error: expected declaration specifiers or '...' before numeric
constant
unsigned char buffer(16);
                      ^
readfile.c:17:23: error: 'buffer' undeclared (first use in this function); did y
ou mean 'setbuffer'?
bytes_read = read(fd, buffer, sizeof(buffer));
                      ^
readfile.c:17:23: note: each undeclared identifier is reported only once for eac
h function it appears in
[root@localhost dovlet]# gedit readfile.c
No protocol specified

(gedit:36114): dbind-WARNING **: 14:38:36.075: Could not open X display
(gedit:36114): Glib-GIO-CRITICAL **: 14:38:36.148: g_dbus_proxy_new_sync: assert
ion 'G_IS_DBUS_CONNECTION (connection)' failed
(gedit:36114): dconf-WARNING **: 14:38:36.218: failed to commit changes to dconf
: The connection is closed
```

Команды: *pwd*, *whoami*, *id*, *groups*

Лабораторная работа 8



Команда `cat /etc/passwd` с фильтром и без

Лабораторная работа 8

Правильность выполнения команды

Правильность выполнения команды

Лабораторная работа 8

Попытка создать файл в директории

Попытка создать файл в директории

Выводы по проделанной работе

Вывод

Освоили на практике применение режима однократного гаммирования на примере кодирования различных исходных текстов одним ключом