Лабораторная работа № 5

Установка Browserpass в Fedora

```
      <n>y = key expires in n years
Key is valid for? (0) 0
Key does not expire at all
Is this correct? (y/N) y

GnuPG needs to construct a user ID to identify your key.

Real name: Nukhova Kamilla
Email address: vainwoo@gmail.com
Comment:
You selected this USER-ID:
    "Nukhova Kamilla <vainwoo@gmail.com>"

Change (N)ame, (C)omment, (E)mail or (O)kay/(Q)uit? o
We need to generate a lot of random bytes. It is a good idea to perform
some other action (type on the keyboard, move the mouse, utilize the
disks) during the prime generation; this gives the random number
generator a better chance to gain enough entropy.
We need to generate a lot of random bytes. It is a good idea to perform
some other action (type on the keyboard, move the mouse, utilize the
disks) during the prime generation; this gives the random number
generator a better chance to gain enough entropy.
gpg: directory '/root/.gnupg/openpgp-revocs.d' created
gpg: revocation certificate stored as '/root/.gnupg/openpgp-revocs.d/ABADBE038C90DDCF292A2272B5DC895BA
224AB65.rev'
public and secret key created and signed.

pub   rsa4096 2025-09-25 [SC]
      ABADBE038C90DDCF292A2272B5DC895BA224AB65
uid                      Nukhova Kamilla <vainwoo@gmail.com>
sub   rsa4096 2025-09-25 [E]
```

```
root@nukhova:~/arch-pc/git-extended# gpg --list-secret-keys --keyid-format LONG
gpg: checking the trustdb
gpg: marginals needed: 3  completes needed: 1  trust model: pgp
gpg: depth: 0  valid:   1  signed:   0  trust: 0-, 0q, 0n, 0m, 0f, 1u
[keyboxd]
---------
sec   rsa4096/B5DC895BA224AB65 2025-09-25 [SC]
      ABADBE038C90DDCF292A2272B5DC895BA224AB65
uid                [ultimate] Nukhova Kamilla <vainwoo@gmail.com>
ssb   rsa4096/48383D4168870E4C 2025-09-25 [E]

root@nukhova:~/arch-pc/git-extended# pass init your-email@example.com
mkdir: created directory '/root/.password-store/'
Password store initialized for your-email@example.com
root@nukhova:~/arch-pc/git-extended# pass init ABCDEF1234567890
Password store initialized for ABCDEF1234567890
root@nukhova:~/arch-pc/git-extended# pass git init
Initialized empty Git repository in /root/.password-store/.git/
[main (root-commit) 8f6bbce] Add current contents of password store.
 1 file changed, 1 insertion(+)
 create mode 100644 .gpg-id
[main 6cba284] Configure git repository for gpg file diff.
 1 file changed, 1 insertion(+)
 create mode 100644 .gitattributes
```

Работа с паролями через Pass

```
Password encryption aborted.
root@nukhova:~/.password-store# pass insert Social/telegram.org
mkdir: created directory '/root/.password-store/Social'
Enter password for Social/telegram.org:
Retype password for Social/telegram.org:
gpg: ABCDEF1234567890: skipped: No public key
gpg: [stdin]: encryption failed: No public key
Password encryption aborted.
root@nukhova:~/.password-store# pass insert Bank/sberbank.ru
mkdir: created directory '/root/.password-store/Bank'
Enter password for Bank/sberbank.ru:
Retype password for Bank/sberbank.ru:
Error: the entered passwords do not match.
root@nukhova:~/.password-store# pass insert Bank/sberbank.ru
Enter password for Bank/sberbank.ru:
Retype password for Bank/sberbank.ru:
gpg: ABCDEF1234567890: skipped: No public key
gpg: [stdin]: encryption failed: No public key
Password encryption aborted.
root@nukhova:~/.password-store# pass ls
Password Store
├── Bank
├── Email
└── Social
root@nukhova:~/.password-store# pass Email/gmail.com
Error: Email/gmail.com is not in the password store.
root@nukhova:~/.password-store# pass generate Social/vk.com 20
gpg: ABCDEF1234567890: skipped: No public key
gpg: [stdin]: encryption failed: No public key
Password encryption aborted.
root@nukhova:~/.password-store# pass rm Email/gmail.com
Error: Email/gmail.com is not in the password store.
```

```
Password encryption aborted.
root@nukhova:~/.password-store# pass ls
Password Store
├── Bank
├── Email
├── Social
root@nukhova:~/.password-store# pass Email/gmail.com
Error: Email/gmail.com is not in the password store.
root@nukhova:~/.password-store# pass generate Social/vk.com 20
gpg: ABCDEF1234567890: skipped: No public key
gpg: [stdin]: encryption failed: No public key
Password encryption aborted.
root@nukhova:~/.password-store# pass rm Email/gmail.com
Error: Email/gmail.com is not in the password store.
root@nukhova:~/.password-store# pass git push -u origin main
Username for 'https://github.com': winterwntend
Password for 'https://winterwntend@github.com':
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (6/6), 535 bytes | 535.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/winterwntend/password-store.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
root@nukhova:~/.password-store# pass git pull
Already up to date.
root@nukhova:~/.password-store# pass git push
Username for 'https://github.com': winterwntend
Password for 'https://winterwntend@github.com':
Everything up-to-date
root@nukhova:~/.password-store#
```

```
root@nukhova:~/.password-store# sudo dnf -y install \
    dunst \
    fontawesome-fonts \
    powerline-fonts \
    light \
    fuzzel \
    swaylock \
    kitty \
    waybar swaybg \
    wl-clipboard \
    mpv \
    grim \
    slurp
Updating and loading repositories:
Repositories loaded.
Package "kitty-0.42.2-1.fc42.x86_64" is already installed.
Package "wl-clipboard-2.2.1-4.fc42.x86_64" is already installed.
```

root@nukhova:~/.password-store — sudo -i

```
[1/3] Verify package files                        100% |  20.0   B/s |   1.0
[2/3] Prepare transaction                         100% |   2.0   B/s |   1.0
[3/3] Installing gh-0:2.79.0-1.fc42.x86_64        100% |  66.0 MiB/s |  54.4 Mi
Complete!
root@nukhova:~/.password-store# gh repo create dotfiles --template="yamadharma/dotfiles-temp
ivate
To get started with GitHub CLI, please run:  gh auth login
Alternatively, populate the GH_TOKEN environment variable with a GitHub API authentication
root@nukhova:~/.password-store# gh auth login
? Where do you use GitHub? GitHub.com
? What is your preferred protocol for Git operations on this host? HTTPS
? Authenticate Git with your GitHub credentials? Yes
? How would you like to authenticate GitHub CLI? Login with a web browser

! First copy your one-time code: BEF7-E939
Press Enter to open https://github.com/login/device in your browser...
Running Firefox as root in a regular user's session is not supported.  ($XAUTHORITY is /run,
.mutter-Xwaylandauth.VVQHD3 which is owned by liveuser.)
gh repo create dotfiles --template="yamadharma/dotfiles-template" --private
To get started with GitHub CLI, please run:  gh auth login
Alternatively, populate the GH_TOKEN environment variable with a GitHub API authentication
✓ Authentication complete.
- gh config set -h github.com git_protocol https
✓ Configured git protocol
! Authentication credentials saved in plain text
✓ Logged in as winterwntend
root@nukhova:~/.password-store# gh repo create dotfiles --template="yamadharma/dotfiles-temp
ivate
✓ Created repository winterwntend/dotfiles on github.com
  https://github.com/winterwntend/dotfiles
```

```
root@nukhova:~/.password-store#
root@nukhova:~/.password-store# chezmoi apply -v
root@nukhova:~/.password-store# chezmoi add ~/.bashrc
root@nukhova:~/.password-store# chezmoi add ~/.vimrc
```

```
[2/4] Prepare transaction                                   100% |    4
[3/4] Installing gpm-libs-0:1.20.7-51.fc42.x86_64           100% |    6
[4/4] Installing mc-1:4.8.33-1.fc42.x86_64                  100% |   13
Complete!
root@nukhova:~/.local/share/chezmoi# chezmoi cd
root@nukhova:~/.local/share/chezmoi# git add .
root@nukhova:~/.local/share/chezmoi# git commit -m "uppdate"
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean
root@nukhova:~/.local/share/chezmoi# git push
Everything up-to-date
```

Проверка и сохранение изменений

```
root@nukhova:~/.local/share/chezmoi# chezmoi git pull -- --autostash --rebase && chezmoi di
Already up to date.
chezmoi: unknown command "dif" for "chezmoi"

Did you mean this?
        diff
        edit
        git

root@nukhova:~/.local/share/chezmoi# diff
diff: missing operand after 'diff'
diff: Try 'diff --help' for more information.
root@nukhova:~/.local/share/chezmoi# chezmoi git pull -- --autostash --rebase && chezmoi dif
Already up to date.
root@nukhova:~/.local/share/chezmoi# chezmoi apply
```

Вывод: научились работать с chezmoi