1. **Проверка версии snap**

```
user1@ubuntu:~$ snap --version
snap    2.58
snapd   2.58
series  16
ubuntu  20.04
kernel  5.4.0-137-generic
user1@ubuntu:~$ snap find
No search term specified. Here are some interesting snaps:

Name         Version                         Publisher                Notes     Summary
jami         20230118.1044.2de9157d          sfljami                  -         Privacy-oriented voice, video, chat, and conference platform and SIP phone
krita        5.1.1                           krita□                   -         Digital Painting, Creative Freedom
thunderbird  102.7.1-1                       canonical□               -         Mozilla Thunderbird email application
notepadqq    1.4.8                           danieleds                -         A Notepad++-like editor for Linux.
postman      10.8.0                          postman-inc□             -         API Development Environment
mailspring   1.10.8                          foundry376□              -         The best email app for people and teams at work
spotify      1.1.84.716.gc5f8b819            spotify□                 -         Music for everyone
slack        4.29.149                        slack□                   -         Team communication for the 21st century.
foobar2000   1.6.16                          mmtrt                    -         foobar2000 is an advanced freeware audio player.
gimp         2.10.30                         snapcrafters             -         GNU Image Manipulation Program
hugo         0.110.0                         hugo-authors             -         Fast and Flexible Static Site Generator
inkscape     1.2.2-b0a8486541-2022-12-01-cust inkscape□              -         Vector Graphics Editor
juju         2.9.38                          canonical□               classic   Juju - a model-driven operator lifecycle manager for K8s and machines
skype        8.93.0.404                      skype□                   -         One Skype for all your devices. New features. New look. All Skype.
litteris     master                          raibtoffoletto           -         Penpal Correspondence Organized
musescore    3.6.2                           musescore□               -         Create, play and print beautiful sheet music.
newsboat     r2.30.1                         minoru                   -         An RSS/Atom feed reader for text terminals
kdenlive     22.08.3                         kde□                     -         Video Editor
qownnotes    23.1.3                          pbek                     -         Plain-text file markdown note taking with Nextcloud/ownCloud integration
retroarch    1.14.0                          libretro                 -         RetroArch is the official reference frontend for the libretro API.
audacity     3.1.3                           diddledani□              -         Audio software for multi-track recording and editing
bitwarden    2023.1.1                        bitwarden□               -         Bitwarden
obs-studio   27.1.3                          snapcrafters             -         Free and open source software for live streaming and screen recording
gitkraken    9.0.1                           gitkraken□               classic   For repo management, in-app code editing & issue tracking.
keepassxc    2.7.4                           keepassxreboot           -         Community-driven port of the Windows application "KeePass Password Safe"
vlc          3.0.18                          videolan□                -         The ultimate media player
powershell   7.3.2                           microsoft-powershell□    classic   PowerShell for every system!

Provide a search term for more specific results.
user1@ubuntu:~$
```

2. Поиск пакетов

```
user1@ubuntu:~$ sudo snap find
No search term specified. Here are some interesting snaps:

Name          Version                          Publisher              Notes    Summary
jami          20230118.1044.2de9157d           sfljami                -        Privacy-oriented voice, video, chat, and conference platform and SIP phone
krita         5.1.1                            krita                  -        Digital Painting, Creative Freedom
thunderbird   102.7.1-1                        canonical              -        Mozilla Thunderbird email application
notepadqq     1.4.8                            danieleds              -        A Notepad++-like editor for Linux.
postman       10.8.0                           postman-inc            -        API Development Environment
mailspring    1.10.8                           foundry376             -        The best email app for people and teams at work
spotify       1.1.84.716.gc5f8b819             spotify                -        Music for everyone
slack         4.29.149                         slack                  -        Team communication for the 21st century.
foobar2000    1.6.16                           mmtrt                  -        foobar2000 is an advanced freeware audio player.
gimp          2.10.30                          snapcrafters           -        GNU Image Manipulation Program
hugo          0.110.0                          hugo-authors           -        Fast and Flexible Static Site Generator
inkscape      1.2.2-b0a8486541-2022-12-01-cust inkscape               -        Vector Graphics Editor
juju          2.9.38                           canonical              classic  Juju - a model-driven operator lifecycle manager for K8s and machines
skype         8.93.0.404                       skype                  -        One Skype for all your devices. New features. New look. All Skype.
litteris      master                           raibtoffoletto         -        Penpal Correspondence Organized
musescore     3.6.2                            musescore              -        Create, play and print beautiful sheet music.
newsboat      r2.30.1                          minoru                 -        An RSS/Atom feed reader for text terminals
kdenlive      22.08.3                          kde                    -        Video Editor
qownnotes     23.1.3                           pbek                   -        Plain-text file markdown note taking with Nextcloud/ownCloud integration
retroarch     1.14.0                           libretro               -        RetroArch is the official reference frontend for the libretro API.
audacity      3.1.3                            diddledani             -        Audio software for multi-track recording and editing
bitwarden     2023.1.1                         bitwarden              -        Bitwarden
obs-studio    27.1.3                           snapcrafters           -        Free and open source software for live streaming and screen recording
gitkraken     9.0.1                            gitkraken              classic  For repo management, in-app code editing & issue tracking.
keepassxc     2.7.4                            keepassxreboot         -        Community-driven port of the Windows application "KeePass Password Safe"
vlc           3.0.18                           videolan               -        The ultimate media player
powershell    7.3.2                            microsoft-powershell   classic  PowerShell for every system!

Provide a search term for more specific results.
user1@ubuntu:~$
```

3. Вывод информации о пакете powershell

```
user1@ubuntu:~$ snap info powershell
name:      powershell
summary:   PowerShell for every system!
publisher: Microsoft PowerShell
store-url: https://snapcraft.io/powershell
contact:   https://github.com/powershell/powershell
license:   MIT
description: |
  PowerShell is an automation and configuration management platform.
  It consists of a cross-platform (Windows, Linux, and macOS)
  command-line shell and associated scripting language.

  See https://docs.microsoft.com/powershell/scripting/powershell-support-lifecycle for support
  details.
snap-id: JSNnoJl3EqkMuWoy5Dgq8PMqZ0uNcpie
channels:
  latest/stable:    7.3.2 2023-01-25 (229) 74MB classic
  latest/candidate: 7.3.1 2022-12-13 (226) 74MB classic
  latest/beta:      7.3.1 2022-12-13 (226) 74MB classic
  latest/edge:      7.3.1 2022-12-13 (226) 74MB classic
  lts/stable:       7.2.9 2023-01-25 (228) 72MB classic
  lts/candidate:    7.2.8 2022-12-13 (227) 71MB classic
  lts/beta:         7.2.8 2022-12-13 (227) 71MB classic
  lts/edge:         7.2.8 2022-12-13 (227) 71MB classic
user1@ubuntu:~$
```

4. Установка пакета powershell.

```
user1@ubuntu:~$ sudo snap install powershell
[sudo] password for user1:
error: This revision of snap "powershell" was published using classic confinement and thus may
       perform arbitrary system changes outside of the security sandbox that snaps are usually
       confined to, which may put your system at risk.

       If you understand and want to proceed repeat the command including --classic.
user1@ubuntu:~$ sudo snap install powershell --classic
powershell 7.3.2 from Microsoft PowerShell® installed
user1@ubuntu:~$ powershell
PowerShell 7.3.2
PS /home/user1> ls
snap
PS /home/user1> sudo snap list --all
Name        Version       Rev    Tracking       Publisher            Notes
core20      20220805      1611   latest/stable  canonical®           base,disabled
core20      20221212      1778   latest/stable  canonical®           base
lxd         4.0.9-8e2046b 22753  4.0/stable/…   canonical®           disabled
lxd         4.0.9-a29c6f1 24061  4.0/stable/…   canonical®           -
powershell  7.3.2         229    latest/stable  microsoft-powershell® classic
snapd       2.58          17950  latest/stable  canonical®           snapd
PS /home/user1>
```

5. Удаление пакета powershell. Проверка удаления

```
user1@ubuntu: ~                                              —  □  ✕

user1@ubuntu:~$ sudo snap remove powershell
powershell removed
user1@ubuntu:~$ sudo snap list --all
Name    Version      Rev    Tracking       Publisher   Notes
core20  20220805     1611   latest/stable  canonical   base,disabled
core20  20221212     1778   latest/stable  canonical   base
lxd     4.0.9-8e2046b 22753 4.0/stable/…   canonical   disabled
lxd     4.0.9-a29c6f1 24061 4.0/stable/…   canonical   -
snapd   2.58         17950  latest/stable  canonical   snapd
user1@ubuntu:~$
```