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- [PAM- pam-gnome-keyring](#)
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- [gpg \(gpg2\)](#)
- [SSH](#)
 - [SSH c](#)
 - [SSH c gnome-keyring](#)

[Seahorse](#) — [Astra Linux Common Edition](#) [PGP](#) [SSH](#) .
[Nautilus](#), [gedit](#) [Evolution](#) .
[HKP](#) [LDAP](#).

[GnuPG](#) [GNU GPL](#).

Seahorse

seahorse [Astra Linux Common Edition](#) ([synaptic](#)) :

```
apt install seahorse
```

3.20.0

:

```
seahorse
```

,

- ,
- ,
- ,
- ,
- PGP;
- ,

.

(, ,) , . , .



PAM- pam-gnome-keyring.

:

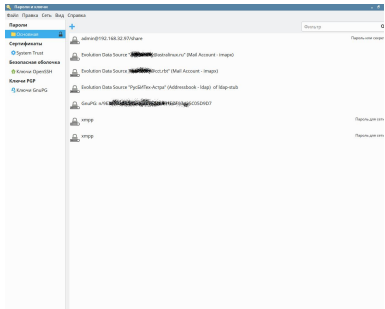
- "" "" ("" "Login");
- ,
- , "".
- , "".

.



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- [Astra Linux Special Edition .10015-01 \(1.7\)](#), [.10015-10](#), [.10015-17](#)
- [Astra Linux Special Edition .10015-37 \(7.7\)](#)
- [Astra Linux Special Edition .10152-02 \(4.7\)](#)
- [Astra Linux Special Edition .10015-01 \(1.6\)](#)
- [Astra Linux Special Edition .10015-16 . 1 . 2](#)
- [Astra Linux Special Edition .10265-01 \(8.1\)](#)
- [Astra Linux Common Edition 2.12](#)



PAM- pam-gnome-keyring

pam-gnome-keyring (libpam-gnome-keyring) "" , , . "" , .

 , , .

 , , .

libpam-gnome-keyring Astra Linux Common Edition, :

```
apt install libpam-gnome-keyring
```

```
.
:
• , GNOME_KEYRING_CONTROL.
  , , gnome-keyring-daemon .
    ◦ auto_start gnome-keyring-daemon.
    ◦ only_if auto_start , .
      , auto_start only_if=fly_dm gnome-keyring-daemon fly_dm.
• " , .
  ◦ " , .
  ◦ " , .
• gnome-keyring-daemon , .
• " , .
  ◦ , gnome-keyring-daemon .
  ◦ , /etc/shadow , ' .
• " , ("Automatically unlock this on login")
  ◦ "
  ◦ , , , ".
```

PAM- :

password optional pam_gnome_keyring.so	/etc/pam.d/common-password		. "The additional".
auth optional pam_gnome_keyring.so	/etc/pam.d/common-auth	.	
session optional pam_gnome_keyring.so auto_start	/etc/pam.d/common-session	Gnome Keyring.	

pam_gnome_keyring:

\	auth	session	password
auto_start	gnome-keyring, .	password , auto_start - .	
only_if=	PAM- , , PAM- (, ,).	only_if=fly_dm	
use_authtok		, .	

gpg (gpg2)

Astra Linux gnupg.

.



, , gnupg2, gnupg.

gnupg:

- gpg - . . man gpg. :

```
gpg --keyserver keys.gnupg.net --receive-keys 6FB2A1C265FFB764
```

- (-):

```
gpg --list-keys
```

```
:
$ gpg --list-keys
/home/user/.gnupg/pubring.kbx
-----
pub  rsa2048 2011-03-10 [SC]
    972FD88FA0BAFB578D0476DFE1F958385BFE2B6E
uid      [ ] X2go Debian/Ubuntu Packaging <debian@x2go.org>
sub  rsa2048 2011-03-10 [E]

pub  rsa4096 2012-05-08 [SC] [ : 2019-05-07]
    ED6D65271AACF0FF15D123036FB2A1C265FFB764
uid      [ ] Wheezy Stable Release Key <debian-release@lists.debian.org>
◦ :
```

```
gpg --delete-keys debian-release@lists.debian.org
```

```
:
$ gpg --delete-keys debian-release@lists.debian.org
gpg (GnuPG) 2.2.12; Copyright (C) 2018 Free Software Foundation, Inc.
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law.

pub  rsa4096/6FB2A1C265FFB764 2012-05-08 Wheezy Stable Release Key <debian-release@lists.debian.org>
```

? (y/N) y

- gpg-zip - . . man gpg-zip;
- gpgconf - . . man gpgconf.

SSH

SSH c

SSH- , ~/.ssh/id_rsa ~/.ssh/id_dsa. ~/.ssh/config IdentityFile. , .:

```
Host *
  IgnoreUnknown UseKeychain
  UseKeychain yes
  AddKeysToAgent yes
  IdentityFile ~/.ssh/github
  IdentityFile ~/.ssh/gitlab
```

. man ssh_config.

SSH c gnome-keyring

gnome-keyring:

1. , (" " -> "" -> " ") gnome-keyring:
 - a. SSH;

- b. ;
- c. ;

2. SSH_AUTH_SOCKET \$XDG_RUNTIME_DIR/keyring/ssh:

```
export SSH_AUTH_SOCKET=$XDG_RUNTIME_DIR/keyring/ssh
```

~/.bashrc :

```
SSH_AUTH_SOCKET=$XDG_RUNTIME_DIR/keyring/ssh
```