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[Nautilus](#), [gedit](#) [Evolution](#) .
[HKP](#) [LDAP](#) .

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

Seahorse

seahorse :

```
apt install seahorse
```

3.20.0

:


```
seahorse
```

, :

- ;
- ;
- ;
- PGP;
- .

.

, (,) , . , .

 , . [PAM- pam-gnome-keyring](#).

:

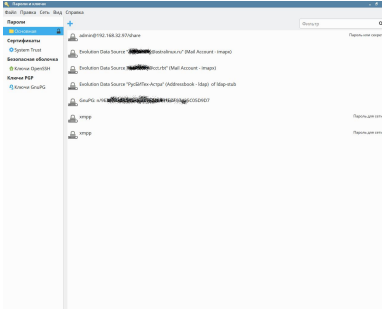
- "" "" ("" "Login");
- ;
- ; ""
- . ""

.



:


- [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 Special Edition 1.6 Astra Linux Special Edition 8. 1 x.7. :

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

pam_gnome_keyring:

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

/usr/share/pam-configs/gnome-keyring. , auto_start use_authtok :

/usr/share/pam-configs/gnome-keyring

```
Name: GNOME Keyring Daemon - Login keyring management
Default: yes
Priority: 0
Auth-Type: Additional
Auth:
    optional          pam_gnome_keyring.so
Session-Type: Additional
Session:
    optional          pam_gnome_keyring.so auto_start
Password-Type: Additional
Password-Final:
    optional          pam_gnome_keyring.so use_authtok
```

gpg

Astra Linux 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
```

. .