

**NAME**

agent-transfer - copy a secret key from gpg-agent to ssh-agent

**SYNOPSIS**

**agent-transfer** [*options*] **KEYGRIP** [*COMMENT*]

**DESCRIPTION**

**agent-transfer** extracts a secret key from a modern version of GnuPG agent and sends it to the running SSH agent. This is useful for people whose keys are managed in the long-term by GnuPG's gpg-agent, but who prefer the semantics of OpenSSH's ssh-agent for regular use.

**agent-transfer** was written as part of the monkeysphere project.

The **KEYGRIP** should be specified as a sequence of 20 hexadecimal characters. If you aren't sure of the keygrip, you can inspect the output of:

```
gpg --with-keygrip --list-secret-keys
```

The **COMMENT** is optional, and will be stored alongside the key in ssh-agent. It must not start with a -, to avoid being mistaken for an option.

**OPTIONS**

**agent-transfer** also accepts options that would normally be passed to **ssh-add**(1) to constrain the use of the transferred key:

-c       Indicates that added identities should be subject to confirmation before being used for authentication.

-t SECONDS       Indicates that the key should have a lifetime of SECONDS in the running ssh-agent.

**FILES**

~/gnupg/S.gpg-agent

The socket where gpg-agent is listening. This is the "standard socket" for modern GnuPG.

**ENVIRONMENT VARIABLES**

GNUPGHOME

The GnuPG home directory, where the standard socket for gpg-agent lives. If this is not set, it is assumed to be ~/gnupg.

SSH\_AUTH\_SOCK

Specifies the location where the running ssh-agent is present.

Several other environment variables are also passed in some form to the gpg-agent to help it figure out how to run a sensible pinentry, including GPG\_TTY, TERM, DISPLAY, XAUTHORITY, GTK\_IM\_MODULE, DBUS\_SESSION\_BUS\_ADDRESS, and LANG.

**BUGS**

**agent-transfer** can only work with RSA and Ed25519 keys. Support for other key types not yet implemented. Patches welcome!

**AUTHOR**

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**SEE ALSO**

**monkeysphere(7)**, **ssh(1)**, **ssh-add(1)**, **ssh-agent(1)**, **gpg(1)** **gpg-agent(1)**,