

**NAME**

**ssh-pkcs11-helper** - OpenSSH helper for PKCS#11 support

**SYNOPSIS**

**ssh-pkcs11-helper** [-v]

**DESCRIPTION**

**ssh-pkcs11-helper** is used by `ssh(1)`, `ssh-agent(1)`, and `ssh-keygen(1)` to access keys provided by a PKCS#11 token.

**ssh-pkcs11-helper** is not intended to be invoked directly by the user.

A single option is supported:

- v**      Verbose mode. Causes **ssh-pkcs11-helper** to print debugging messages about its progress. This is helpful in debugging problems. Multiple **-v** options increase the verbosity. The maximum is 3.

Note that `ssh(1)`, `ssh-agent(1)`, and `ssh-keygen(1)` will automatically pass the **-v** flag to **ssh-pkcs11-helper** when they have themselves been placed in debug mode.

**SEE ALSO**

`ssh(1)`, `ssh-agent(1)`, `ssh-keygen(1)`

**HISTORY**

**ssh-pkcs11-helper** first appeared in OpenBSD 4.7.

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