

**NAME**

CURLOPT\_SSH\_AUTH\_TYPES – set desired auth types for SFTP and SCP

**SYNOPSIS**

```
#include <curl/curl.h>
```

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_SSH_AUTH_TYPES, long bitmask);
```

**DESCRIPTION**

Pass a long set to a bitmask consisting of one or more of `CURLSSH_AUTH_PUBLICKEY`, `CURLSSH_AUTH_PASSWORD`, `CURLSSH_AUTH_HOST`, `CURLSSH_AUTH_KEYBOARD` and `CURLSSH_AUTH_AGENT`.

Set `CURLSSH_AUTH_ANY` to let libcurl pick a suitable one. Currently `CURLSSH_AUTH_HOST` has no effect. If `CURLSSH_AUTH_AGENT` is used, libcurl attempts to connect to ssh-agent or pageant and let the agent attempt the authentication.

**DEFAULT**

None

**PROTOCOLS**

SFTP and SCP

**EXAMPLE**

TODO

**AVAILABILITY**

`CURLSSH_AUTH_HOST` was added in 7.16.1, `CURLSSH_AUTH_AGENT` was added in 7.28.0

**RETURN VALUE**

Returns `CURLE_OK` if the option is supported, and `CURLE_UNKNOWN_OPTION` if not.

**SEE ALSO**

`CURLOPT_SSH_HOST_PUBLIC_KEY_MD5(3)`, `CURLOPT_SSH_PUBLIC_KEYFILE(3)`,