

**NAME**

CURLOPT\_DNS\_LOCAL\_IP4 – IPv4 address to bind DNS resolves to

**SYNOPSIS**

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_DNS_LOCAL_IP4, char *address);
```

**DESCRIPTION**

Set the local IPv4 *address* that the resolver should bind to. The argument should be of type `char *` and contain a single numerical IPv4 address as a string. Set this option to `NULL` to use the default setting (don't bind to a specific IP address).

**DEFAULT**

`NULL`

**PROTOCOLS**

All

**EXAMPLE**

TODO

**AVAILABILITY**

This option requires that libcurl was built with a resolver backend that supports this operation. The c-ares backend is the only such one.

Added in 7.33.0

**RETURN VALUE**

Returns `CURLE_OK` if the option is supported, `CURLE_UNKNOWN_OPTION` if not, `CURLE_NOT_BUILT_IN` if support was disabled at compile-time, or `CURLE_BAD_FUNCTION_ARGUMENT` when given a bad address.

**SEE ALSO**

`CURLOPT_DNS_INTERFACE(3)`, `CURLOPT_DNS_LOCAL_IP4(3)`,