

**NAME**

CURLOPT\_DNS\_SERVERS – set preferred DNS servers

**SYNOPSIS**

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_DNS_SERVERS, char *servers);
```

**DESCRIPTION**

Pass a char \* that is the list of DNS servers to be used instead of the system default. The format of the dns servers option is:

```
host[:port][,host[:port]]...
```

For example:

```
192.168.1.100,192.168.1.101,3.4.5.6
```

**DEFAULT**

NULL - use system default

**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 7.24.0

**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, CURLE\_BAD\_FUNCTION\_ARGUMENT when given an invalid server list, or CURLE\_OUT\_OF\_MEMORY if there was insufficient heap space.

**SEE ALSO**

CURLOPT\_DNS\_LOCAL\_IP4(3), CURLOPT\_DNS\_CACHE\_TIMEOUT(3),