

NAME

`ares_set_sortlist` – Initialize an `ares_channel_t` *sortlist configuration

SYNOPSIS

```
#include <ares.h>
```

```
int ares_set_sortlist(ares_channel_t *channel, const char *sortstr)
```

DESCRIPTION

The **`ares_set_sortlist(3)`** function initializes an address sortlist configuration for the channel data identified by *channel*, so that addresses returned by **`ares_gethostbyname(3)`** are sorted according to the sortlist. The provided *sortstr* string that holds a space separated list of IP-address-netmask pairs. The netmask is optional but follows the address after a slash if present. For example, "130.155.160.0/255.255.240.0 130.155.0.0".

This function replaces any potentially previously configured address sortlist with the ones given in the configuration string.

RETURN VALUES

`ares_set_sortlist(3)` may return any of the following values:

ARES_SUCCESS

The sortlist configuration was successfully initialized.

ARES_ENOMEM

The process's available memory was exhausted.

ARES_ENODATA

The channel data identified by *channel* was invalid.

ARES_ENOTINITIALIZED

c-ares library initialization not yet performed.

SEE ALSO

`ares_init_options(3)`, **`ares_dup(3)`**

AVAILABILITY

`ares_set_sortlist(3)` was added in c-ares 1.11.0