

**NAME**

`ares_parse_ns_reply` – Parse a reply to a DNS query of type NS into a `hostent`

**SYNOPSIS**

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

```
int ares_parse_ns_reply(const unsigned char *abuf, int alen,  
                        struct hostent **host);
```

**DESCRIPTION**

The `ares_parse_ns_reply` function parses the response to a query of type NS into a `struct hostent`. The parameters `abuf` and `alen` give the contents of the response. The result is stored in allocated memory and a pointer to it stored into the variable pointed to by `host`. The nameservers are stored into the `aliases` field of the `host` structure. It is the caller's responsibility to free the resulting host structure using `ares_free_hostent(3)` when it is no longer needed.

**RETURN VALUES**

`ares_parse_ns_reply` can return any of the following values:

**ARES\_SUCCESS**

The response was successfully parsed.

**ARES\_EBADRESP**

The response was malformed.

**ARES\_ENODATA**

The response did not contain an answer to the query.

**ARES\_ENOMEM**

Memory was exhausted.

**SEE ALSO**

`ares_query(3)`, `ares_free_hostent(3)`

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