NAME

ares_parse_srv_reply − Parse a reply to a DNS query of type SRV

SYNOPSIS

#include <ares.h>

int ares_parse_srv_reply(const unsigned char* *abuf***, int** *alen***,
struct ares_srv_reply**** *srv_out***);**

DESCRIPTION

The **ares_parse_srv_reply** function parses the response to a query of type SRV into a linked list of *struct ares_srv_reply* 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 *srv_out*. It is the caller's responsibility to free the resulting *srv_out* structure when it is no longer needed using the function **ares_free_data**

The structure *ares_srv_reply* contains the following fields:

```
struct ares_srv_reply {
    struct ares_srv_reply  *next;
    unsigned short weight;
    unsigned short priority;
    unsigned short port;
    char *host;
};
```

RETURN VALUES

ares_parse_srv_reply can return any of the following values:

ARES_SUCCESS

The response was successfully parsed.

ARES_EBADRESP

The response was malformatted.

ARES_ENODATA

The response did not contain an answer to the query.

ARES_ENOMEM

Memory was exhausted.

AVAILABILITY

This function was first introduced in c-ares version 1.7.0.

SEE ALSO

ares_query(3) **ares_free_data**(3)

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