

**NAME**

`ares_inet_ntop` – convert a network format address to presentation format

**SYNOPSIS**

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

```
const char *
```

```
ares_inet_ntop(int af, const void *src, char *dst, ares_socklen_t size);
```

**DESCRIPTION**

This is a portable version with the identical functionality of the commonly available *inet\_ntop*.

The `ares_inet_ntop()` function converts a numeric address into a text string suitable for presentation. The **af** argument shall specify the family of the address. This can be `AF_INET` or `AF_INET6`. The **src** argument points to a buffer holding an IPv4 address if the **af** argument is `AF_INET`, or an IPv6 address if the **af** argument is `AF_INET6`; the address must be in network byte order. The **dst** argument points to a buffer where the function stores the resulting text string; it shall not be `NULL`. The **size** argument specifies the size of this buffer, which shall be large enough to hold the text string (`INET_ADDRSTRLEN` (16) characters for IPv4, `INET6_ADDRSTRLEN` (46) characters for IPv6).

**SEE ALSO**

`ares_init(3)`, `ares_inet_pton(3)`

**AVAILABILITY**

made properly publicly available in c-ares for real in version 1.10.0

**AUTHOR**

Daniel Stenberg