



Linux Ubuntu 26.04 Manual Pages on command 'getnetbyaddr.3'

\$ man getnetbyaddr.3

getnetent(3) Library Functions Manual getnetent(3)

NAME

getnetent, getnetbyname, getnetbyaddr, setnetent, endnetent - get network entry

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#include <netdb.h>

struct netent *getnetent(void);

struct netent *getnetbyname(const char *name);

struct netent *getnetbyaddr(uint32_t net, int type);

void setnetent(int stayopen);

void endnetent(void);
```

DESCRIPTION

The `getnetent()` function reads the next entry from the networks database and returns a `netent` structure containing the broken-out fields from the entry. A connection is opened to the database if necessary.

The `getnetbyname()` function returns a `netent` structure for the entry from the database that matches the network name.

The `getnetbyaddr()` function returns a `netent` structure for the entry from the database that matches the network number `net` of type `type`. The `net` argument must be in host byte order.

The `setnetent()` function opens a connection to the database, and sets the next entry to the first entry. If `stayopen` is nonzero, then the connection to the database will not be closed

between calls to one of the `getnet*()` functions.

