

# How to use GnuGK with nrenum.net

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## Introduction

The following provides an overview of how GnuGK can be used with the nrenum.net tree.

## Requirements

GnuGK latest version (>3.1)

## Configuration

There are two ways how it is possible to setup ordered ENUM tree list in gatekeeper. So configure what enum tree(s) should GnuGK use for lookup.

Read the actual [GnuGK Manual](#) for detailed information.

It is possible to configure in GnuGK config file, and environment variable.

There is the old possibility to export an environment variable or the preferred one to add variable "ENUMservers" in section "RoutedMode".

Important to notice, that the configuration file ENUMservers variable overrides the PWLIB\_ENUM\_PATH environmental variable.

As per default, GnuGK searches the e164.voxgratia, e164.org and then e164.arpa.

In order to set the nrenum.net tree and perform an ENUM query (as per NRENum.net Policy) one of the following commands are required:

```
[RoutedMode]
ENUMservers=e164.arpa,nrenum.net
```

Or set the environment variable before running GnuGK.

```
export PWLIB_ENUM_PATH=e164.arpa;nrenum.net
```

Once the path above has been exported, the following lines need to be added to the GnuGK configuration file:

```
[RoutingPolicy]
default=explicit,internal,enum,srv,dns,internal,neighbor
```

The default value can also include additional parameters, according to [Section 6.1](#) of the manual. At "How to use NAPTR and SRV records for H.323 or SIP with nrenum.net" you can find the information of how to set the required SRV records with H.323.

## Credits

- Fabio Vena
- Kewin Stoeckigt
- Mihály Mészáros