

NRENum.net Course - Section 3 - GNU GK Configuration

Official website of GNU Gatekeeper:

<http://www.gnugk.org/>

Assumptions:

Latest version of GNU GK(<http://www.gnugk.org/h323download.html>)

Step 1. Define routing policies

Edit the configuration file of GNU Gatekeeper (default: `/etc/gatekeeper.conf`) and define the [RoutingPolicy] section. We define the routes by default.

Take as an example the following policy:

```
# vi /etc/gatekeeper.conf

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

Where:

Rule	Description
Explicit	It allows the dialing by IP Addresses
internal	It allows you to search in the internal table records
enum	It allows the use of ENUM, convert numbers E.164 into URI h323
dns	It allows the resolution of domains using DNS services
srv	It allows the resolution of h323 addresses by using SRV records

For more information on routing policies, you may consult the official documentation:

<http://www.gnugk.org/gnugk-manual-6.html>

Step 2. Setup ENUM servers

By default, GNU GK has configured the public servers ENUM e164.voxgratia, e164.org and then e164.arpa has been managed by RIPE (Réseaux IP Européens).

In the configuration file of the GNU Gatekeeper (default: `/etc/gatekeeper.conf`), input the following directive:

```
# vi /etc/gatekeeper.conf

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

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Save changes to the configuration file.

Step 3. Restart the GNU GK service.

Run the startup script of the daemon of GNU GK with the following command:

```
# /etc/init.d/gnugk restart
```

Later, you can test it using video conference equipment.