

How to use SIP-ROUTER with nrenum.net

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Introduction

The following provides an overview of how Kamailio can be used with the nrenum.net tree. For comments, please send an email to the discussion list at nrenum.net

Requirements

- [Kamailio](#) / [SIP-Router](#) (incl. OpenSER ENUM Module)

Configuration

Add the following to /etc/openser/openser.cfg:

```
# Load the ENUM module:
loadmodule "enum.so"

# Somewhere in the route[x] section:
# if you want to make ENUM work with numbers starting with national dial out
# prefix e.g. "00",
# use the following to convert local international dialout prefix "00" it
# into a international format that begins with "+".

if (uri=~"^sip:00[1-9][0-9]*@example.edu"){
    # strip leading "00"
    # (change example.net to your domainname or skip the stuff after the "@")
    strip(2);
    # (adjust, if your international prefix is something else than "00")
    prefix("+");
};

# check if request uri starts with an international phone
# number (+X.), if yes, try to ENUM resolve in e164.arpa.
# if no result, try in nrenum.net

if (uri=~"sip:+\[0-9\]+@example\.edu"){
    # (change example.net to your domainname or skip the stuff after the "@")
    if( enum_query("nrenum.net.+", "+sip+voice:sip+video:sip") != 1 ){
        enum_query("e164.arpa.+", "+sip+voice:sip+video:sip");
    }
}
```

Further information

- [SIP-Router](#)
- [ENUM Module\(Kamailio Site\)](#) / [ENUM Module\(SIP-Router Site\)](#)

Credits

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