



Information
for Experts

v1.0

Purpose of this Information

For experts, we have compiled detailed information about the configuration of RAI, the quotas and the ACL for RRI Live and RRI Rush as well as about the DENIC RRI client.

Entry Fields of Registration Account

Phone	For the phone number of the registration account, the following characters are permitted: + (first character); 0-9; . (dot); x; space. Notation according to ITU-T E.123 standard, with country code. Max. number of characters: 254.
Fax	For Fax, the same regulations apply as for Phone.
Email	The e-mail address must comply with the requirements of RFC 5322. The maximum number of characters is 254.
E-mail hostmaster-list	<p>E-mail address for subscribing to the hostmaster-I mailing list.</p> <p>This mailing list is used for technical discussions between DENIC and its members.</p>
E-mail tech-announce-list	<p>E-mail address for subscribing to the tech-announce-I mailing list.</p> <p>DENIC uses this mailing list to make technical announcements.</p>

whoisIP

This field is obsolete.

RRILogin

DENIC handle for access to the RRI, can be used for: „.de“, „ENUM“ or „.de“ and „ENUM“.

RRILoginPw

Passwords of the DENIC handles. Structure: MD5-hash; lower case

PGPKey

The public PGP key is used for authentication when communicating with DBS. You find further information on PGP keys, like the requirements, in the annex to DENIC-29: Basic Information about GnuPGP and PGP.

Url

The URL must comply with the requirements of RFC 1738.

MsgFeed

Type of delivery for messages from the registration system;
rri: collect messages via RRI;
mail: messages will be delivered by e-mail.

General Request	Specifications by DENIC:
General Request UriTemplate	<ul style="list-style-type: none"> • URI template string must not exceed 1024 characters • URI schemata must be http, https or mailto • URI template variable for ASCII code domains is Alabel. • URI template variable for Unicode domains is Ulabel. • URI template variables are case-sensitive.
Abuse Contact	see General Request and GeneralRequestUriTemplate
Abuse Contact UriTemplate	
EmailTo	E-mail address to which the .de or the ENUM registration system will send e-mails
EmailLegal	E-mail address to which e-mails relating to legal aspects of .de or ENUM domains are sent

Email ChprovIn	E-mail address for notifications to the registration account in case of provider transfers (CHPROV) that were initiated by the registration account
Email ChprovOut	E-mail address for notifications to the registration account in case of provider transfers (CHPROV) for .de or ENUM domains that must be confirmed
ENUMUrl	see line URL
ENUM MsgFeed	see line MsgFeed
ENUM EmailTo	see line EmailTo
ENUM EmailLegal	see line EmailLegal
ENUM Email ChprovIn	see line EmailChprovIn
ENUM Email ChprovOut	see line EmailChprovOut

Registration Accounts and Quotas

Basic Registration Account

Your membership includes a registration account with a monthly basic quota, which you can use up without additional costs being charged. The number of requests per day is calculated as follows:

Your domain inventory is less than or equal to 50,000 domains?	Your domain inventory exceeds 50,000 domains?
50,000 requests	Number of requests = Number of domains * 2

- With your basic quota, you can access RRI Live.
- Unlimited numbers of additional quotas, each comprising 50,000 requests per day, may be obtained against payment.

Registration Accounts in RRI Live

A total of 10 registration accounts can be used for RRI Live. The first registration account is your basic registration account. The additional 9 registration accounts are used against charge and contain a monthly quota for each additional registration account, consisting of:

Number of requests = Number of domains * 2

- For your registration accounts, you may book additional quotas comprising 50,000 requests per day each.
- You can book additional quotas indefinitely.

Note

If you have not yet registered any domains as a new member but booked additional registration accounts for RRI Live, the number of requests in the monthly quotas is zero (0), according to the above calculation. By initially adding additional quotas, you have orders for the additional registration accounts available. Additional quotas have a term of 6 months.

Registration Accounts in RRI Rush

In RRI Rush, the number of additional accounts is not restricted. For all registration accounts in RRI Rush, quotas (50,000 requests per day) must be booked against charge.

Note

With an additional quota, you can either access RRI Live or RRI Rush, depending on whether this additional quota has been booked for a registration account in the RRI Live or the RRI Rush environment.

RRI Live, RRI Rush and the ACL

RRI Live

Number of requests	Number of requests in the purge phase
2,000 per minute	200 per minute

RRI Rush

Number of requests	Number of requests in the purge phase
2,000 per minute	2,000 per minute

DENIC RRI Client


Next to your own command-line-based client or the RRI web interface, you can also use the DENIC command-line-based client to send requests to the RRI. You will find our DENIC RRI client on the GitHub website at: <https://github.com/DENICeG/go-rriclient>.

Features

You can create a picklist in which you locally store the hosts and credentials for your environments. Then you no longer have to enter this information whenever you start the DENIC RRI client. Instead, you can choose from the environments you have stored.

The DENIC RRI client is able to read in files with commands and arguments. Thus, complete requests can be processed by means of files.

In an interactive mode, the DENIC RRI client will query all parameters that belong to a request. So, you are guided step by step through the creation of a request and all required parameters are included in the request that is sent.



If you have any
further questions,
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