API Reference Manual

Version 3.0 October 2016

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0. Quick Start

0.1 – Introduction

This simple HTTPS based API gives you the possibility to register and manage more than 600 different TLDs over one gateway and furthermore adds subreseller capabilities which you can use to automatize your domain management and billing workflows.

For the case that you just want to register and manage domains and you don't need all the subuser capabilities, you will need no more to read than this brief introduction and the chapter 2.3 which contains the domain related commands.

First of all, you reach the API under the following base URL:

https://api.domainreselling.de/api/call.cgi?s_login=your-username.com&s_pw=your_secret_password

Login and password are the same that you use for signing into the webiterface.

Any parameter can be sent either by GET or by POST, even mixed.

At this point in time the API does not support persistent connections, so you always have to submit your login and password with any single command.

The API expects UTF8 encoded input and its response is a UTF8 plaintext which looks similar to a windows .INI file which is easy to parse in any programming language. In the download section of our webinterface you can find a ready-to-run PHP library which provides you with a procedure "api_call(\$command_as_hash)" which returns you the parsed API response as a hash structure which you can then be transformed into any format that your application needs, like JSON and so on.

0.2 - Registering my first domain by API

In the first step, you will need to know if a domain is available for registration, so you can check its availability by:

https://api.domainreselling.de/api/call.cgi?s_login=your_login&s_pw=your_password &command=CheckDomain &domain=is-this-domain-free.com

... which will lead to the following API response:

```
[RESPONSE]
code = 210
description = Domain name available
```

```
QUEUETIME = 0
RUNTIME = 0.211
EOF
```

If the returned "code" parameter was "210", the domain is free. "211" indicates that a domain is already taken.

So let's assume your requested domain is still free and you want to register it. In the next step you'll need to create one or more contact handle(s) which contain the contact/address data of the domain's owner, adminc, tech-c and billing-c.

So let's create a new contact handle by submitting:

```
https://api.domainreselling.de/api/call.cgi?s_login=your_login&s_pw=your_password
&command=AddContact
&firstname=John
&lastname=Doe
```

&company=ACME Inc. &street=Teststreet 1 &zip=12345 &city=Castle Rock &country=DE &phone=+49.123456789 &fax=+49.987654321 &email=devnull@nowhere.com

If successful, the API will return you the ID of your new contact handle, which can as of now be used for every domain registration, regardless for which TLD you're going to use is. The response looks as follows ...

[RESPONSE] code = 200 description = Command completed successfully property[contact][0] = P-JND147496764334

QUEUETIME = 0 RUNTIME = 0.068 EOF

... so the ID of your new handle in this case would be "P-JND147496764334".

In the next step we can register the domain using this new contact handle. Let's assume that you want to use this handle for all the four characteristic contact types (domain owner, admin-c, tech- and billing-contact). If you want to use more contacts for different roles, just repeat the last step and create further contacts first.

Let us assume furthermore, that you don't operate own nameservers and you want to use our anycast nameserver cluster for the DNS resolution of your domain. The names of our nameservers are "ns1a.dodns.net" and "ns2a.dodns.net" and the registration command would then look like this:

https://api.domainreselling.de/api/call.cgi?s_login=your_login&s_pw=your_password &command=AddDomain &domain=my-desired-domainname.com &ownercontact0=P-JND147496764334 &admincontact0=P-JND147496764334 &techcontact0=P-JND147496764334 &billingcontact0=P-JND147496764334 &nameserver0=ns1a.dodns.net &nameserver1=ns2a.dodns.net

Because many domain registries check if the nameservers are already configured and responding correctly, let us first create a DNS zone for our new domain by executing:

https://api.domainreselling.de/api/call.cgi?s_login=your_login&s_pw=your_password &command=CreateDNSZone &dnszone=my-desired-domainname.com &rr0 = @ IN NS ns1a.dodns.net. &rr1 = @ IN NS ns2a.dodns.net. &rr2 = @ IN A 1.2.3.4 &rr3 = * IN A 1.2.3.4 &rr4 = mail IN A 4.3.2.1 &rr5 = @ IN MX 10 mail

In this example a zone was created and "my-desired-domainname.com" as well as all subdomains like "*.my-desired-domainname.com" will point to the IP address 1.2.3.4, while the emails for that domain will go to the address 4.3.2.1.

Now that's the time when you can send the "AddDomain" command above to register your first domain name through the API.

If you are only interested in automatized domain registration/maintaining, but not in subuser/billing workflows, you should now proceed directly to chapter 2.3 (domain commands) and leave everything else out of sight.

1. CORE

1.1 User Relations

The relations define the operational parameters of a user and can only be modified by its superordinate users. The most important use of relations is to defined the prices and limits. For example, the system supports the following relations for domains:

Relation type	Description
PRICE_CLASS_DOMAIN_DOMAINCLASS_ANNUAL	The default annual fee for domains of the class DOMAINCLASS, e.g. PRICE_CLASS_DOMAIN_COM_ANNUAL:12.00
PRICE_CLASS_DOMAIN_DOMAINCLASS_ANNUALPERIOD	The annual fee for domains of the class <i>DOMAINCLASS</i> if period is <i>PERIOD</i> , e.g. PRICE_CLASS_DOMAIN_COM_ANNUAL5:10.95
PRICE_CLASS_DOMAIN_DOMAINCLASS_SETUP	The setup fee for domains of the class <i>DOMAINCLASS</i> , e.g. PRICE_CLASS_DOMAIN_COM_SETUP:0.00
PRICE_CLASS_DOMAIN_ <i>DOMAINCLASS</i> _TRANSFER	The transfer fee for domains of the class <i>DOMAINCLASS</i> , e.g. PRICE_CLASS_DOMAIN_COM_TRANSFER:12.00 (.com Domains are renewed for one year if transferred)
PRICE_CLASS_DOMAIN_DOMAINCLASS_TRANSFERAPPLICATION	The fee for transfer application is a part of the transfer fee which will not be refunded by the registry in case of a failed transfer. Some registries (like DNS.LU) have a non-refundable fee like this. So if a user starts a transfer he always will get charged for both the transfer fee and the transfer application fee, but will only get back the transfer fee if the transfer fails.
PRICE_CLASS_DOMAIN_ <i>DOMAINCLASS</i> _RENEW <i>PERIOD</i>	This relation can be used in case that the renewal price for a domain differs from the annual price. This could be interesting if you start some kind of promotion. You also have the possibility to define periods in which the renewal is cheaper than in others (e.g. 8.00 USD if you renewa a domain for 1 or 2 years, but only 6.00 USD if you renew a domain for 3 or more years).
PRICE_CLASS_DOMAIN_DOMAINCLASS_CURRENCY	The currency of relations for domains of the class <i>DOMAINCLASS</i> , e.g. PRICE_CLASS_DOMAIN_COM_CURRENCY:USD

The possible domain classes are defined below. If there is no currency for a domain class, then the system uses the users account currency instead.

Prices are calculated according to the daily exchange rate of the ECB (European Central Bank, www.ecb.int), if the domain class currency and user account currency are different!

The relation parameters for AddUser and ModifyUser are build using the following syntax: relation*N* = *RELATIONTYPE*:*RELATIONVALUE*

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e.g.:

relation0 = ZONES:com,net,org,de relation1 = PRICE_CLASS_DOMAIN_COM_ANNUAL:12.00 relation2 = PRICE CLASS DOMAIN COM SETUP:0.00 relation3 = PRICE CLASS DOMAIN COM TRANSFER:12.00 relation4 = PRICE CLASS DOMAIN NET ANNUAL:12.00 relation5 = PRICE CLASS DOMAIN NET SETUP:0.00 relation6 = PRICE CLASS DOMAIN NET TRANSFER:12.00 relation7 = PRICE CLASS DOMAIN ORG ANNUAL:12.00 relation8 = PRICE CLASS DOMAIN ORG SETUP:0.00 relation9 = PRICE CLASS DOMAIN ORG TRANSFER:12.00 relation10 = PRICE CLASS DOMAIN DE ANNUAL:6.00 relation11 = PRICE_CLASS_DOMAIN_DE_SETUP:3.00 relation12 = PRICE_CLASS_DOMAIN_DE_TRANSFER:6.00 Implementations should manage relation tables as text files and pass them as an array of lines to the libraries. The text files should look like that (e.g.): ZONES:com,net,org,de PRICE_CLASS_DOMAIN_COM_ANNUAL:12.00 PRICE_CLASS_DOMAIN_COM_SETUP:0.00 PRICE_CLASS_DOMAIN_COM_TRANSFER:12.00 PRICE_CLASS_DOMAIN_NET_ANNUAL:12.00 PRICE_CLASS_DOMAIN_NET_SETUP:0.00 PRICE_CLASS_DOMAIN_NET_TRANSFER:12.00 PRICE CLASS DOMAIN ORG ANNUAL:12.00 PRICE CLASS DOMAIN ORG SETUP:0.00 PRICE CLASS DOMAIN ORG TRANSFER:12.00 PRICE CLASS DOMAIN DE ANNUAL:6.00 PRICE CLASS DOMAIN DE SETUP:3.00 PRICE_CLASS_DOMAIN_DE_TRANSFER:6.00

This makes it very easy to manage different levels of user accounts and pricing plans.

1.2 The Environment Database

Every user within the system has an associated Environment Database.

The environment is used to store user specific data like an address, preferences and so on within a variable tree structure.

There are three commands dedicated to access the environment:

- GetEnvironment
- SetEnvironment and
- QueryEnvironmentList.

Furthermore, the AddUser and ModifyUser commands changes the environment database.

There is no fixed or required structure for the Environment DB, however implementations should use the same structure for the most common elements:

Enviroment Key/Name	Description
user-info/contact/company/organization	Organization of the user
user-info/contact/company/address1	Street address
user-info/contact/company/address2	2nd line of the street address (optional)
user-info/contact/company/city	City
user-info/contact/company/state	State (optional)
user-info/contact/company/zip	ZIP / Postal-Code
user-info/contact/company/country	2-letter ISO-3166 Country code, e. g. DE, US
user-info/contact/company/title	Title of the primary contact person (optional)
user-info/contact/company/firstname	First name of the primary contact person
user-info/contact/company/lastname	Last name of the primary contact person
user-info/contact/company/phone	Phone number, international format
user-info/contact/company/fax	Fax number, international format (optional)
user-info/contact/company/email	Email address
user-info/contact/company/email2	Secondary email address (optional)
user-info/contact/company/vatid	V.A.TI.D. (optional), e. g. DE123456789
user-info/contact/company/billingtype	Billing type: debit banktransfer
user-info/contact/company/accountnumber	For billing type "debit": accountnumber
user-info/contact/company/accountholder	For billing type "debit": accountholder
user-info/contact/company/bankcode	For billing type "debit": bankcode
user-info/contact/company/bankname	For billing type "debit": bankname
user-info/contact/company/debitstatus	For billing type "debit": debit status active inactive

Implementations may not use keys starting with SYSTEM/ for random data, as they are reserved for use by the system.

The environment parameters for AddUser and ModifyUser are build using the following syntax: environmentN = ENVIRONMENTKEY/NAME:VALUE

e.g.:

environment0 = user-info/contact/company/firstname:John environment1 = user-info/contact/company/lastname:Doe environment2 = user-info/contact/company/organization:Domain Reseller Inc.

1.3 Commands

All requests are submitted using the following HTTP interface:

https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Replace the **BASE-URL** placeholder by the appropriate URL for the OT&E or Production environment. There is an optional parameter "**s_user**" that defines the user as which the command should be executed. This user must be the same as the login user or one of its subusers.

The server responds with "Content-type: text/plain", using the following syntax: [RESPONSE] code = 200 description = Command completed successfully property[propertyname1][0] = value1 property[propertyname1][1] = value2 property[propertyname1][2] = value3 ... property[propertyname2][0] = ... EOF

Implementations should handle the responses case-insensitive. All spaces within property names must be ignored, e. g. "created date" should be read as "CREATEDDATE", "registration expiration date" as "REGISTRATIONEXPIRATIONDATE" and so on.

Implementations MUST verify that all responses end with "EOF".

Date properties are returned in SQL syntax (e. g. "2003-09-01 12:00:00") using the time zone UTC.

1.3.1 User management commands

The following commands are used to create, manage and remove subuser accounts.

1.3.1.1 CheckUsername

Description

Checks if a user id is valid and available.

Availability

All users have access to this command.

Input parameters

Submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

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Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
subuser	required	User ID of the subuser. The ID must have the same syntax as doman names, e.g. subuser.com	TEXT

Code	Descripton
200	Command completed successfully – The subuser ID is still available
505	The syntax of the subuser ID is invalid
540	The subuser ID is not available
541	Missing Parameter

Property	Min max description
no properties are returned	

Notes

• All subuser IDs must look like domain names, e.g. like myname.com

Example

The following request checks the subuser id "subreseller.com": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=CheckUser &subuser=subreseller.com

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully EOF

1.3.1.2 AddUser

Description

Create a new subuser.

Availability

Your account must have the ALLOW_SUBUSER relation set to 1.

Input parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
subuser	required	New user ID	TEXT
password	required	Password for the new user	TEXT
credit	optional	Credit limit of the new user	DECIMAL(10,2)
vat	required	Additional V.A.T. % for the new user, e. g. 16.00	DECIMAL(10,2)
currency	required	Currency of the new user account, e. g. USD	TEXT
relationN	optional	Relations for the new user	RELATION [0N]
environment <i>N</i>	optional	Environment for the new user	TEXT [0 <i>N</i>]
userclass	optional	Name of a UserClass (see ModifyUserClass to learn more about UserClasses)	TEXT
active	optional	Activates/deactivates the user account	INT (0 1)

Returned properties and values

Code	Descrition
200	Command completed successfully
541	One of the parameters was invalid

Property	Min max Description
no properties are returned	

Example

The following request creates a new subuser "subreseller.com": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=AddUser &subuser=subreseller.com &password=topsecret &credit=0.00 ¤cy=EUR &vat=16.00 &relation0=ZONES:com,net &relation1=PRICE_CLASS_DOMAIN_COM_ANNUAL:9.00 &relation2=PRICE_CLASS_DOMAIN_COM_SETUP=0.00 &relation3=PRICE_CLASS_DOMAIN_NET_ANNUAL:9.00 &relation4=PRICE_CLASS_DOMAIN_NET_SETUP=0.00 &environment0=user-info/contact/company/organization:Testcompany+GmbH &environment1=user-info/contact/company/street:Teststrasse+123

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully EOF

1.3.1.3 ModifyUser

Description

Modify an existing subuser.

Availability

All users have access to this command.

Input parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
subuser	required	Subuser ID	TEXT
newsubuser	optional	New Subuser ID	TEXT
password	required	New password for the subuser	TEXT
credit	optional	Credit limit of the subuser	DECIMAL(10,2)
vat	required	Additional V.A.T. % for the new user, e. g. 16.00	DECIMAL(10,2)
currency	required	Currency of the new user account, e. g. USD	TEXT
relationN	optional	Relations for the subuser	RELATION [0N]
environment <i>N</i>	optional	Environment for the subuser	TEXT [0 <i>N</i>]
userclass	optional	Name of a UserClass (see ModifyUserClass to learn more about UserClasses)	TEXT
active	optional	Activates/deactivates the user account	INT (0 1)

Code	Descrition
200	Command completed successfully
541	One of the parameters was invalid

Property	Min max Description
no properties are returned	

Notes

- New relation values overwrite existing relations with the same name
- Empty relation values delete existing relations with the same name
- · New environment values overwrite existing environment values with the same name
- Empty environment values delete existing environment values with the same name

Example

The following request modifies the subuser "subreseller.com": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=ModifyUser &subuser=subreseller.com &password=topsecret &credit=1000.00 &relation0=ZONES:com,net,org &relation1=PRICE_CLASS_DOMAIN_ORG_ANNUAL:9.00 &relation2=PRICE_CLASS_DOMAIN_ORG_SETUP=0.00 &relation3=PRICE_CLASS_DOMAIN_NET_ANNUAL:10.00

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully EOF

1.3.1.4 AssignUser

Description

Assign an existing subuser to another parent user.

Availability

All users have access to this command. This command does not make sense if your user account does not have any subusers.

Input parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
subuser	required	Subuser ID	TEXT
user optional		New Parentuser ID	TEXT

Returned properties and values

Code	Descrition
200	Command completed successfully
541	One of the parameters was invalid

Property	min max Description
no properties are returned	

Notes

- Subusers can only be moved under your user account.
- All objects, environment entries, accounting records and invoices are assigned to the subuser and are moved with the subuser.
- To move objects, see API function "AssignObject".

1.3.1.5 StatusUser

Description

Query the status properties and relations of a user.

Availability

All users have access to this command. This command does not make sense if your useraccount does not have any subusers.

Input parameters

Submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
subuser	optional	User ID of a subuser	TEXT
stats	optional	On value "1", StatusUser also shows "subusers direct" and "subusers total"	INTEGER (0 1)

Code	Descrition
200	Command completed successfully
541	The command failed

Property	min	max	Description
USER	1	1	The user ID
PARENTUSER	1	1	The user ID of the parent user
ACCOUNTCURRENT	1	1	The current account balance
ACCOUNTCREDIT	1	1	The credit limit for this user
ACCOUNTVAT	1	1	The VAT for this account in percent (%), e.g. 16.00
ACCOUNTCURRENCY	1	1	The currency of this account, e. g. USD
SUBUSERSDIRECT	1	1	The number of direct subusers
SUBUSERSTOTAL	1	1	The number of all subusers
RELATIONTYPE	0	Ν	Type of the <i>n</i> -th user relation
RELATIONVALUE	0	Ν	Value of the <i>n</i> -th user relation
USERCLASS	0	1	The name of the UserClass

Example

The following request queries the user status of "reseller.de": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=StatusUser

The response is as follows: [RESPONSE] code = 200description = Command completed successfully property[user][0] = subreseller.com property[parent user][0] = reseller.de property[account current][0] = 10000.00 property[account credit][0] = 0.00property[account vat][0] = 16.00 property[account currency][0] = USD property[subusers direct][0] = 0property[subusers total][0] = 0property[relation type][0] = PRICE CLASS DOMAIN COM ANNUAL property[relation value][0] = 19.95 property[relation type][1] = PRICE CLASS DOMAIN COM CURRENCY property[relation value][1] = USD property[relation type][2] = PRICE_CLASS_DOMAIN_COM_SETUP property[relation value][2] = 0.00property[relation type][3] = PRICE CLASS DOMAIN COM TRANSFER property[relation value][3] = 19.95 property[relation type][4] = PRICE CLASS DOMAIN DE ANNUAL property[relation value][4] = 6.00 property[relation type][5] = PRICE CLASS DOMAIN DE CURRENCY property[relation value][5] = EUR property[relation type][6] = PRICE_CLASS_DOMAIN_DE SETUP property[relation value][6] = 3.00 property[relation type][7] = PRICE CLASS DOMAIN DE TRANSFER property[relation value][7] = 6.00 property[relation type][8] = PRICE_CLASS_DOMAIN_NET_ANNUAL property[relation value][8] = 35.00 property[relation type][9] = PRICE CLASS DOMAIN NET CURRENCY property[relation value][9] = USD property[relation type][10] = PRICE CLASS DOMAIN NET SETUP property[relation value][10] = 0.00property[relation type][11] = PRICE CLASS DOMAIN NET TRANSFER property[relation value][11] = 35.00 property[relation type][12] = PRICE CLASS DOMAIN ORG ANNUAL property[relation value][12] = 35.00 property[relation type][13] = PRICE_CLASS_DOMAIN_ORG_CURRENCY property[relation value][13] = USD property[relation type][14] = PRICE_CLASS_DOMAIN_ORG_SETUP property[relation value][14] = 0.00 property[relation type][15] = PRICE CLASS DOMAIN ORG TRANSFER property[relation value][15] = 35.00 property[relation type][16] = ZONES property[relation value][16] = com,net,org,biz,info,de EOF

1.3.1.6 DeleteUser

Description

Deletes a subuser.

Availability

All users have access to this command. This command does not make sense if your useraccount does not have any subusers.

Input parameters

Submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
subuser	required	User ID of the subuser	TEXT

Returned properties and values

Code	Description
200	Command completed successfully
541	The subuser could not be deleted

Property	Min max Description
no properties are returned	

Notes

- Only own subusers can be deleted
- The subuser must not have any objects in its account
- · The subuser must not have any subusers itself
- The account of the subuser must have a balance of 0.00

Example

The following request deletes the subuser "subreseller.com": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=DeleteUser &subuser=subreseller.com

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully EOF

1.3.1.7 FindUser

Description

Finds a certain user by searching for a certain keyword through the user's environments "userinfo/ contact/company" and "user-info/contact/private". Additionally, you may use FindUser to search for an exact username or a part of such one.

Availability

All users have access to this command. The command only works if you are searching for your own subusers.

Input parameters

Submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
userdepth	optional	Depth of the list, may be SELF, SUBUSER or ALL	TEXT
command	required	Name of command to be executed	TEXT
pattern	required	search pattern	TEXT
exactmatch	optional	flag to control if the search should match exactly or not; can be 0 or 1, DEFAULT: 0	ТЕХТ
matchmode	optional	USER: search for username ENVIRONMENT: search through the enviroments mentioned above Default value: USER	TEXT (USER ENVIRONMENT)
invert	optional	If invert = 1, all users are found which DO NOT include the search pattern	INT (0 1)

Code	Descrition
200	Command completed successfully
541	One of the parameters was invalid

Property	min	max	Description
USER	1	Ν	The user ID
PARENTUSER	1	Ν	The user ID of the parent user
ENVIRONMENTKEY	-	-	The environment key where the search pattern has been found
ENVIRONMENTNAME	-	-	The environment name where the search pattern has been found
ENVIRONMENTVALUE	-	-	The environment value where the search pattern has been found
FIRST	1	Ν	The index of the first entry
LAST	1	Ν	The index of the last entry
LIMIT	1	Ν	
COUNT	1	N	The number of entries returned with the restrictions you gave.
TOTAL	1	Ν	The number of entries returned in total

1.3.1.8 QueryUserList

Description

Query a list of subusers.

Availability

All users have access to this command. This command does not make sense if your useraccount does not have any subusers.

Input parameters

Submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
first	optional	Index of the first entry to be returned	INTEGER
limit	optional	Max. number of entries to be returned	INTEGER
userdepth	optional	Depth of the list, may be SELF, SUBUSER or ALL	TEXT
userN	optional	select specific users as SELF or as SUBUSER to pick	TEXT
userdepthN	optional	up different information	TEXT (SELF SUBUSER)
wide	optional	if wide is set to 1, a detailed list with all possible entities from the given user	INTEGER (0 1)
active	optional	List shows only active/inactive users	INT (0 1)
subuser	optional	List shows only users of given subuser	TEXT

Returned properties and values

Code	Descrition
200	Command completed successfully
541	The command failed

Property	min	max	Description
USER	1	Ν	The user ID
PARENTUSER	1	Ν	The user ID of the parent user
COUNT	1	1	The number of entries returned
FIRST	1	1	The index of the first entry
LAST	1	1	The index of the last entry
LIMIT	1	1	The query limit (max. number of entries returned)
TOTAL	1	1	The total number of entries found

Notes

• userdepth defines the depth of the returned list. SELF returns a list with only one element, the user itself. SUBUSER returns a list with all direct subusers. ALL returns a list with all subusers and all subusers below them.

Example

The following request queries all direct subusers of "reseller.de": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=QueryUserList &userdepth=SUBUSER

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully property[user][0] = subreseller.com property[user][1] = subuser.com property[user][1] = reseller.de property[user][2] = domainseller.de property[user][2] = reseller.de property[ount][0] = 3 property[first][0] = 0 property[limit][0] = 1000 property[total][0] = 3 EOF

1.3.1.9 GetUserBranch

Description

Query the hierarchical list of of subusers between your user and the given subuser

Availability

All users have access to this command. This command does not make sense if your user account does not have any subusers.

Input parameters

Submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
subuser	required	User ID of the subuser to get the branch to	TEXT

Returned properties and values

Code	Descrition
200	Command completed successfully
541	The command failed

Property	min	max	Description
User	1	Ν	The user ID

Example

The following request queries the subusers between you and "reseller.de": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=GetUserBranch &subuser=reseller.de

The user hierarchy is as follows: myuser.de |-- subreseller.com | |-- subuser.com | |-- reseller.de | |-- ... | ... |-- ... The response is as follows: [RESPONSE] code = 200 description = Command completed successfully property[user][0] = subreseller.com property[user][1] = subuser.com property[user][2] = reseller.de EOF

1.3.1.10 StatusUserclass

Description

Query information about UserClass.

A UserClass can be used to group relations: Users that have the same conditions, have the same UserClass. Any changes on the UserClass relations affect all users that have this UserClass. UserClass can be set with the "userclass" parameter at commands AddUser and ModifyUser. The parent users of the user see the userclass at command StatusUser, the user itself only see the relations produced by the UserClass and not the name of the UserClass.

Availability

All users have access to this command. This command does not make sense if your useraccount does not have any subusers.

Input parameters

Submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
userclass	required	Name of the user class	TEXT

Returned properties and values

Code	Descrition		
200	Command completed successfully		
541	The command failed		
Property	min	max	Description

no properties are returned

Example

The following request queries informations about the userclass"userclass": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=StatusUserclass &userclass=userclass

The response is as follows: [RESPONSE] code = 200description = Command completed successfully property[relation type][0] = DNSZONE_EXTERNAL_RRS_INCLUDED property[relation value][0] = 10 property[relation type][1] = DNSZONE_INTERNAL_RRS_INCLUDED property[relation value][1] = 10 property[relation type][2] = PRICE CLASS DNSZONE EXTERNAL ANNUAL property[relation value][2] = 0.30property[relation type][3] = PRICE_CLASS_DNSZONE_EXTERNAL CURRENCY property[relation value][3] = EUR property[relation type][215] = SERVICE USAGE SYSTEM HARDQUOTA property[relation value][215] = 500 property[relation type][216] = VSERVER DEBIAN 5GB TRAFFIC INCLUDED GB property[relation value][216] = 15 property[relation type][217] = ZONES property[relation value][217] = ag,at,be,biz,biz.pl,bz,cc,cd,cn,co.at,co.uk,com,com.cn,com.pl,com.sg,com.tw,de,fm,gs,id v.tw,info,info.pl,jp,la,me.uk,ms,name, net,net.cn,net.pl,nu,or.at,org,org.cn,org.pl,org.tw,org.uk,pl,se,tc,tk,tv,us,vg,ws EOF

1.3.1.11 ModifyUserClass

Description

Create, modify or delete a UserClass. If the UserClass name does not exist, the UserClass is created. If the UserClass has no relations, it is deleted.

Availability

All users have access to this command. This command does not make sense if your user account does not have any subusers.

Input parameters

Submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
userclass	required	Name of the user class	TEXT
relation <i>N</i>	optional	Relations for the user class	RELATION [0N]
flushrelations	optional	If set to "1": Delete all existing relations	INTEGER

Code	Descrition
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

1.3.1.12 QueryUserClassList

Description

Query the list of UserClasses of the current user.

Availability

All users have access to this command. This command does not make sense if your useraccount does not have any subusers.

Input parameters

Submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3... P

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT

Code	Descrition
200	Command completed successfully
541	The command failed

Property	min	max	Description
USERCLASS	1	Ν	The UserClass name

1.3.1.13 ModifyUserPassword

Description

Change or reset the password of your own account.

Availability

All users have access to this command.

Input parameters

Submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
password	Required	New password	TEXT

Code	Descrition
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

1.3.2 Environment management commands

The following commands are used to manage the user environment database.

1.3.2.1 GetEnvironment

Description

Returns an environment value.

Availability

All users have access to this command. This command does not make sense if your useraccount does not have any subusers.

Input parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
environmentkey	optional	Key of the environment name (prefix of the name)	TEXT
environmentname	required	Name of the environment value	TEXT

Code	Description
200	Command completed successfully
541	command failed, e.g. because this environment key/name does not exist

Property	min	max	Desription
ENVIRONMENTVALUE	1	1	Environment value
PRIVATE	1	1	Is this value hidden for subusers
The following request queries the value of the environment "user-info/contact/company/organization": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=GetEnvironment & environmentkey=user-info/contact/company &environmentname=organization

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully property[environmentvalue][0] = Registrar Company Ltd. property[private][0] = 0 EOF

1.3.2.2 SetEnvironment

Description

Set an environment value.

Availability

All users have access to this command. This command does not make sense if your useraccount does not have any subusers.

Input parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be	TEXT
		executed (must be a subuser of s_login)	
command	required	Name of command to be executed	TEXT
environmentkey	optional	Key of the environment name (prefix of the name)	TEXT
environmentname	required	Name of the environment value	TEXT
environmentvalue	optional	Value of the environmentkey/name TEXT	

Returned properties and values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

Notes

• If environmentvalue is not defined, then the request deletes the environmentkey/name

The following request sets the value of the environment "user-info/contact/company/organization": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=SetEnvironment &environmentkey=user-info/contact/company &environmentname=organization &value=Testcompany+Inc.

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully EOF

1.3.2.3 QueryEnvironmentList

Description

Query the list of environment keys or query all name-value pairs for an environmentkey.

Availability

All users have access to this command. This command does not make sense if your useraccount does not have any subusers.

Input parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
environmentkey	optional	Key of the environment	TEXT

Returned properties and values

Code	Description
200	Command completed successfully
541	The command failed, e. g. because this environment key/name does not exist

Property	min	max	Description
ENVIRONMENTKEY	1	Ν	Environment key
ENVIRONMENTNAME	1	Ν	Name of the environment value
ENVIRONMENTVALUE	1	Ν	Value of the environmentkey/name
PRIVATE	1	N	Is this value hidden for subusers

Notes

- If environmentkey is defined, then the request returns all name/value pairs for this key
- If environmentkey is undefined, then the request returns all environmentkeys

The following request queries a list of all environmentkeys: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=QueryEnvironmentList

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully property[environmentkey][0] = user-info/contact/company property[environmentkey][1] = user-info/contact/billing property[environmentkey][2] = SYSTEM/events EOF

1.3.3 Event management commands

The following commands are used to query and delete events.

1.3.3.1 StatusEvent

Description

Query an event.

Availability

All users have access to this command. This command does not make sense if your useraccount does not have any subusers.

Input parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	optional User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
event	required	ID of the event	INTEGER

Returned properties and values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
DATE	1	1	Creation date of the event
CLASS	1	1	Class of the event
SUBCLASS	1	1	Subclass of the event
DATA	1	Ν	Data of the event
INFO	0	1	Additional urlencoded debug info

The following request queries an event: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=StatusEvent &event=12

The response is as follows:

[RESPONSE] code = 200 description = Command completed successfully property[date][0] = 2003-09-01 12:00:00.0 property[class][0] = DOMAIN_TRANSFER property[subclass][0] = TRANSFER_SUCCESSFUL property[data][0] = domain:testdomain.com property[data][1] = old registrar:SOMEONE property[data][2] = new registrar:REGISTRAR INC. EOF

1.3.3.2 DeleteEvent

Description

Delete an event.

Availability

All users have access to this command. This command does not make sense if your user account does not have any subusers.

Input parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user		User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
event	required	ID of the event	INTEGER

Returned properties and values

Code	Description
200	Command completed successfully
541	Command completed successfully

Property	min	max	Description
no properties are returned			

Example

The following request deletes an event:

https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret&command=DeleteEvent&event=12

The response is as follows:

[RESPONSE] code = 200 description = Command completed successfully EOF

1.3.3.3 QueryEventList

Description

Query a list of events.

Availability

All users have access to this command. This command does not make sense if your useraccount does not have any subusers.

Input parameters

Submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
first	optional	Index of the first entry to be returned	INTEGER
limit	optional	Max. number of entries to be returned	INTEGER
wide	optional	Returns some more properties if set to	INTEGER
class	optional	Event class, e. g. DOMAIN_TRANSFER	TEXT
subclass	optional	Event subclass, e. g. TRANSFER_SUCCESSFUL	TEXT

Returned properties and values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
EVENT	1	Ν	The event ID
EVENTCLASS	1	Ν	The event class (returned if wide=1)
EVENTCLASS	1	Ν	The event subclass (returned if wide=1)
EVENTDATE	1	Ν	The event date (returned if wide=1)
EVENTDATA0	1	Ν	Line 1 of the event data (returned if wide=1)
EVENTDATA1	1	Ν	Line 2 of the event data (returned if wide=1)
EVENTDATA2	1	Ν	Line 3 of the event data (returned if wide=1)
EVENTDATA3	1	Ν	Line 4 of the event data (returned if wide=1)
COUNT	1	1	The number of entries returned
FIRST	1	1	index of the first entry
LAST	1	1	index of the last entry
LIMIT	1	1	query limit (max. number of entries returned)
TOTAL	1	1	total number of entries found

Notes

- first and limit should be used to implement paging
- Events should be deleted after processing

Example

The following request queries all events IDs of "reseller.de": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=QueryEventList

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully property[event][0] = 17 property[event][1] = 18 property[event][2] = 19 property[event][3] = 20 property[event][3] = 20 property[count][0] = 4 property[first][0] = 0 property[last][0] = 3 property[limit][0] = 1000 property[total][0] = 4 EOF

1.3.4 Accounting commands

The following commands are used to query and manage user accounting tables.

1.3.4.1 AddAccounting

Description

Add an accounting into the accounting list of a subuser and update its current account balance.

Availability

All users have access to this command. This command does not make sense if your user account does not have any subusers.

Input parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
subuser	required	ID of the subuser account	TEXT
date	optional	Date of the payment, e. g. 2003-01-01 12:00:00	TEXT
description	required	Description of this accounting entry	TEXT
type	required	Type of this accounting entry, e. g. PAYMENT	TEXT
amount	optional	Amount, default = 1	DECIMAL(10,2)
payment	required	Payment made to the account, debited if < 0	DECIMAL(10,2)
currency	optional	currency of the payment (will be automatically calculated to the user's account currency)	TEXT
vat	optional	Additional VAT %, default=vat of the subuser account	DECIMAL(10,2)
reference	optional	Payment reference, e. g. ID of a subuser	TEXT

Returned properties and values

Code	Description			
200	Command completed successfully			
541	The command failed			
Property	min max Description			

no properties are returned

Notes

• For payments, the type should always be PAYMENT and the V.A.T. should be 0.00.

The following inserts a payment of 200.00 USD from a creditcard: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=AddAccounting &subuser=subuser.de &date=2003-09-03+06:15:00 &description=Credit+Card+Payment &type=PAYMENT &vat=0.00 &amount=1 &payment=200.00

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully EOF

1.3.4.2 ModifyAccounting

Description

Modify an existing accounting entry.

Availability

All users have access to this command. This command does not make sense if your user account does not have any subusers.

Input parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be	TEXT
		executed (must be a subuser of s_login)	
command	required	Name of command to be executed	TEXT
subuser	required	ID of the subuser account	TEXT
accountingid	required	Accounting ID (as got from command	INTEGER
		QueryAccountingList)	
date	optional	Date of the payment, e. g. 2003-01-01 12:00:00	TEXT
description	optional	Description of this accounting entry	TEXT
type	optional	Type of this accounting entry, e. g. PAYMENT	TEXT
amount	optional	Amount, default = 1	DECIMAL(10,2)
payment	optional	Payment made to the account, debited if < 0	DECIMAL(10,2)
vat	optional	Additional VAT %, default=vat of the subuser account	DECIMAL(10,2)
reference	optional	Payment reference, e. g. ID of a subuser	TEXT
invoiceid	optional	Invoice ID	INTEGER

Returned properties and values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

Notes

• For payments, the type should always be PAYMENT and the V.A.T. should be 0.00

The following command changes the description of the accounting entry of subuser "subuser.de"with the accountingid 2 to "newdescription": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=ModifyAccounting &subuser=subuser.de &accountingid=2 &description="newdescription"

The response is as follows:

[RESPONSE] code = 200 description = Command completed successfully EOF

1.3.4.3 DeleteAccounting

Description

Delete an accounting entry of a subuser account and update its current account balance.

Availability

All users have access to this command. This command does not make sense if your user account does not have any subusers.

Input parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
subuser	required	ID of the subuser account	TEXT
accountingid	required	ID of the accounting entry	INTEGER

Returned properties and values

Code	Description
200	Command completed successfully
541	The command failed

no properties are returned

Example

The following deletes the accounting with the ID 3: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=DeleteAccounting &accountingid=3

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully EOF

1.3.4.4 QueryAccountingList

Description

Query the accounting list of the user account or a subuser.

Availability

All users have access to this command. This command does not make sense if your user account does not have any subusers.

Input parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be	TEXT
		executed (must be a subuser of s_login)	
command	required	Name of command to be executed	TEXT
subuser	optional	ID of the subuser account	TEXT
mindate	optional	First accounting date to be returned	DATETIME
maxdate	optional	Last accounting date to be returned	DATETIME
type	optional	Type of accounting	TEXT
description	optional	Description that was entered with the accounting (e.g. domain name)	TEXT
orderby	optional	Sort response by certain criteria: ACCOUNTINGTYPE ACCOUNTINGDATE ACCOUNTINGDATEDESC INVOICEID REFERENCE	ТЕХТ

Returned properties and values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
ACCOUNTINGID	0	Ν	ID of the accounting list entry (only shown if the user is
			different from the subuser)
ACCOUNTINGDATE	0	Ν	Date of the accounting list entry
ACCOUNTINGTYPE	0	Ν	Accounting type, e. g. ADD_DOMAIN
ACCOUNTINGDESCRIPTION	0	Ν	Description, e. g. a domain name
ACCOUNTINGREFERENCE	0	Ν	Reference, e. g. ID of the subuser causing that
			accounting list entry
ACCOUNTINGAMOUNT	0	Ν	The amount, e.g. the period for domain registrations
ACCOUNTINGPRICE	0	Ν	The total price of this accounting entry without V. A. T. in
			the account currency
ACCOUNTINGVAT	0	Ν	Additional V. A. T. in percent (%), e. g. 16.00
ACCOUNTINGVATPRICE	0	Ν	Additional V. A. T. in the account currency
OPENINGBALANCEPRICE	1	1	Opening balance without V. A. T.
OPENINGBALANCEVATPRICE	1	1	The V. A. T. included in the opening balance
OPENINGBALANCE	1	1	Opening Balance including V. A. T.
SUMPRICE	1	1	Sum of the opening balance without V. A. T. and the
			positions without V. A. T.
SUMVATPRICE	1	1	The V. A. T. Included in the sum
SUM	1	1	Sum of the opening balance and the positions

Notes

- If mindate is without the time part, then " 00:00:00" will be appended, e. g. "2003-09-01" becomes "2003-09-01 00:00:00"
- If maxdate is without the time part, then " 23:59:59" will be appended, e. g. "2003-09-01" becomes "2003-09-01 23:59:59"

The following request queries all accounting list entries with the date "2003-09-01": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=QueryAccountingList &mindate=2003-09-01 &maxdate=2003-09-01

The response is as follows:

[RESPONSE] code = 200description = Command completed successfully property[accounting date][0] = 2003-09-01 12:00:03 property[accounting type][0] = ADD_DOMAIN property[accounting description][0] = test.de property[accounting reference][0] = property[accounting amount][0] = 1 property[accounting price][0] = -10.00property[accounting vat][0] = 16.00 property[accounting vat price][0] = -1.60property[accounting date][1] = 2003-09-01 14:15:00 property[accounting type][1] = TRANSFER_DOMAIN property[accounting description][1] = test.com property[accounting reference][1] = subuser.com property[accounting amount][1] = 1 property[accounting price][1] = -10.00 property[accounting vat][1] = 16.00 property[accounting vat price][1] = -1.60property[opening balance price][0] = 100.00 property[opening balance vat price][0] = 0.00 property[opening balance][0] = 100.00 property[sum price][0] = 80.00property[sum vat price][0] = -3.20 property[sum][0] = 76.80EOF

1.3.5 Miscellaneous commands

The following commands are general commands not related to a specific object class.

1.3.5.1 CheckAuthentication

Description

Check the password of a subuser.

Availability

All users have access to this command. This command does not make sense if your user account does not have any subusers.

Input parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be	TEXT
		executed (must be a subuser of s_login)	
command	required	Name of command to be executed	TEXT
subuser	required	ID of the subuser account	TEXT
password	required	Password of the subuser account	TEXT

Returned properties and values

Code	Description
200	Command completed successfully
530	Authentication failed

Property	min	max	Description
no properties are returned			

The following checks the password of "subuser.com": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=CheckAuthentication &subuser=subuser.com &password=secret

The response is as follows: [RESPONSE] code = 530 description = Authentication failed EOF

1.3.5.2 CheckAuthorization

Description

Check if the user is authorized to access an object (checks if the object is within the user's repository).

Availability

All users have access to this command. This command does not make sense if your user account does not have any subusers.

Input parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be	TEXT
		executed (must be a subuser of s_login)	
command	required	Name of command to be executed	TEXT
objectclass	required	Class of the object, e. g. DOMAIN	TEXT
objectid	required	ID of the object, e. g. domainname.com	TEXT

Returned properties and values

Code	Description
200	Command completed successfully
531	Authorization failed

Property	min	max	Description
no properties are returned			

Example

The following checks the authorization for the domain "domainname.com": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=CheckAuthorization &objectclass=DOMAIN &objectid=domainname.com

The response is as follows: [RESPONSE] code = 531 description = Authorization failed EOF The following checks the authorization for the user "subuser.com": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=CheckAuthorization &objectclass=USER &objectid=subuser.com

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully EOF

1.3.5.3 AssignObject

Description

Assign an object to an subuser or to the user itself.

Availability

All users have access to this command. This command does not make sense if your user account does not have any subusers.

Input parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be	TEXT
command	required	Name of command to be executed	TEXT
objectclass	required	Class of the object. Valid Classes are: DOMAIN, DOMAINTRANSFER, CONTACT, DNSZONE, VSERVER, MOBILEACCOUNT, SSLCERT, DOMAINAPPLICATION	TEXT
objectid	required	ID of the object, e. g. domainname.com	TEXT
user	required	ID of the object's new user	TEXT

Returned properties and values

Code	Description
200	Command completed successfully
531	Authorization failed

Property	min	max	Description
no properties are returned			

Notes

• The user must have the authorization to access the object as well as the new user

The following assigns the domain "domainname.com" to the user "subuser.com": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=AssignObject &objectclass=DOMAIN &objectid=domainname.com &user=subuser.com

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully EOF

1.3.5.4 QueryObjectList

Description

Query a list of objects.

Availability

All users have access to this command.

Input parameters

Submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
userdepth	optional	Depth of the list, may be SELF, SUBUSER or ALL	TEXT
first	optional	Index of the first entry to be returned	INTEGER
limit	optional	Max. number of entries to be returned	INTEGER

Returned properties and values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
OBJECTCLASS	1	Ν	The object class
OBJECTID	1	Ν	The object ID
USER	1	Ν	The user ID
PARENTUSER	1	Ν	The user ID of the parent user
COUNT	1	1	The number of entries returned
FIRST	1	1	The index of the first entry
LAST	1	1	The index of the last entry
LIMIT	1	1	The query limit (max. number of entries returned)
TOTAL	1	1	The total number of entries found

Notes

- userdepth defines the depth of the returned list. SELF returns a list with only objects of the user itself.
 - SUBUSER returns a list with objects of all direct subusers. ALL returns a list with objects of all subusers
 - and all subusers below them.
- first and limit should be used to implement paging

The following request queries all objects of "reseller.de": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=QueryObjectList &userdepth=SELF &first=0 &limit=1000

```
The response is as follows:
[RESPONSE]
code = 200
description = Command completed successfully
property[objectclass][0] = DOMAIN
property[objectidis][0] = domainame.com
property[user][0] = subuser.de
property[parent user][0] = company
property[objectclass][1] = DOMAIN
property[objectid][1] = mydomain.info
property[user][1] = subuser.de
property[parent user][1] = company
property[objectclass][2] = DOMAINTRANSFER
property[objectid][2] = test.info
property[user][2] = subuser.de
property[parent user][2] = company
property[objectclass][3] = CONTACT
property[objectid][3] = P-ABC123
property[user][3] = subuser.de
property[parent user][3] = company
property[count][0] = 4
property[first][0] = 0
property[last][0] = 3
property[limit][0] = 1000
property[total][0] = 4
EOF
```

1.3.5.5 QueryExchangeRates

Description

Query list of all current exchange rates. The list represents the daily exchange rates of the ECB (European Central Bank). The rates are used if the object class currency and user account currency are different. See also chapter 2 *UserRalations*.

Availability

All users have access to this command.

Input parameters

Submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
mindate	optional	First accounting date to be returned	DATETIME
maxdate	optional	Last accounting date to be returned	DATETIME
first	optional	Index of the first entry to be returned	INTEGER
limit	optional	Max. number of entries to be returned (default = 100)	INTEGER
currencyto	optional	Returns the last exchange rate for the target currency	TEXT

Returned properties and values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
OBJECTCLASS	1	Ν	The object class
OBJECTID	1	Ν	The object ID
USER	1	Ν	The user ID
PARENTUSER	1	Ν	The user ID of the parent user
COUNT	1	1	The number of entries returned
FIRST	1	1	The index of the first entry
LAST	1	1	The index of the last entry
LIMIT	1	1	The query limit (max. number of entries returned)
TOTAL	1	1	The total number of entries found

Notes

- userdepth defines the depth of the returned list. SELF returns a list with only objects of the user itself.
 - SUBUSER returns a list with objects of all direct subusers. ALL returns a list with objects of all subusers
 - and all subusers below them.
- first and limit should be used to implement paging

Example

The following request queries all objects of "reseller.de": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=QueryExchangeRates

The response is as follows:

[RESPONSE] code = 200description = Command completed successfully property[date][0] = 2006-06-23 property[currency from][0] = EUR property[currency to][0] = AUD property[rate][0] = 1.7096 property[date][1] = 2006-06-23 property[currency from][1] = EUR property[currency to][1] = BGN property[rate][1] = 1.9558 property[date][2] = 2006-06-23 property[currency from][2] = EUR property[currency to][2] = CAD property[rate][2] = 1.4041property[date][3] = 2006-06-23 property[rate][33] = 1.2502property[date][34] = 2006-06-23property[currency from][34] = EUR property[currency to][34] = ZAR property[rate][34] = 9.388 property[first][0] = 0 property[last][0] = 34property[limit][0] = 100 property[count][0] = 35 property[total][0] = 24003 EOF

1.3.5.6 QueryObjectRenewalList

Description

Query a list of objects that have to be renewed. The time interval can be specified with the parameters described in the table below.

Availability

All users have access to this command.

Input parameters

Submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be	TEXT
		executed (must be a subuser of s_login)	
command	required	Name of command to be executed	TEXT
userdepth	optional	Depth of the list, may be SELF, SUBUSER or ALL	TEXT
minexpirationdate	optional	First expiration date to be returned	DATETIME
maxexpirationdate	optional	Last expiration date to be returned	DATETIME
minpaiduntildate	optional	First paiduntildate to be returned	DATETIME
maxpaiduntildate	optional	Last paiduntildate to be returned	DATETIME
minaccountingdate	optional	First accounting date to be returned	DATETIME
maxaccountingdate	optional	Last accounting date to be returned	DATETIME
minfinalizationdate	optional	First finalization date to be returned	DATETIME
maxfinalizationdate	optional	Last finalization date to be returned	DATETIME
minfailuredate	optional	First failure date to be returned	DATETIME
maxfailuredate	optional	Last failure date to be returned	DATETIME
objectid	optional	ID of a object, e. g. "domainname.com"	TEXT
renewalmode	optional	Renewal mode, e. g. "renew"	TEXT
orderby	optional	Order. True values:	TEXT
		"OBJECTIDDESC",	
		"OBJECTCLASS", "OBJECTCLASSDESC",	
		"EXPIRATIONDATE", "EXPIRATIONDATEDESC",	
		"PAIDUNTILDATE", "PAIDUNTILDATEDESC",	
		FINALIZATIONDATEDESC,	
		NEYTACTIONDATE"	
objectclass	ontional	CLASS of the object e. g. DOMAIN	TEXT
wide = 1	optional	Returns some more properties if set to 1	INTEGER

Returned properties and values

Code	Description				
200	Command completed successfully				
541	The command fa	ailed			
Property		min	max	Description	
NEXTACTION		1	Ν	Next action for the object	
FINALIZATIONDATE		1	Ν	Finalization date	
PARENTUSER		1	Ν	The user ID of the parent user	
EXPIRATIONDATE		1	Ν	Expiration date	
ACCOUNTINGDATE		1	Ν	Accounting date	
PAIDUNTILDATE		1	Ν	Date of the payment	
FAILUREDATE		1	Ν	Failure date	
RENEWALMODE		1	Ν	Renewal mode	
OBJECTCLASS		1	Ν	The object class	
OBJECTID		1	Ν	The object ID	
USER		1	Ν	The user ID	
NEXTACTIONDATE		1	Ν	Date of the next action	
FIRST		1	1	The index of the first entry	
LAST		1	1	The index of the last entry	
LIMIT		1	1	The query limit (max. number of entries returned)	
TOTAL		1	1	The total number of entries found	

Notes

• userdepth defines the depth of the returned list. SELF returns a list with only objects of the user itself.

SUBUSER returns a list with objects of all direct subusers. ALL returns a list with objects of all subusers and all subusers below them.

• first and limit should be used to implement paging

1.3.5.7 QueryObjectLogList

Description

Query a list of objects. For the most objects related options logging entries are created. Example: user user.com deletes his domain "reseller.com". His reseller "reseller.com" can see in the "ObjectLogList" that the domain is deleted by user user.com and at which date it is deleted.

Availability

All users have access to this command.

Input parameters

Submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be	TEXT
		executed (must be a subuser of s_login)	
command	required	Name of command to be executed	TEXT
objectid	optional	ID of a object, e. g. "domainname.com"	TEXT
objectclass	optional	CLASS of the object, e. g. DOMAIN	TEXT
orderby	optional	Order. True values: "OBJECTIDDESC",	TEXT
		"OBJECTCLASS", "OBJECTCLASSDESC",	
		"LOGDATE", "LOGDATEDESC"	
operationtype	optional	Search for object log entries with a certain operation	TEXT
		type, e.g. CREATE RENEW DELETE	
operationstatus	optional	Search for object log entries with a certain operation	TEXT
		status, e.g. SUCCESSFUL REQUEST FAILED	

Returned properties and values

Code D	Description
200 C	Command completed successfully
541 T	The command failed

Property	min	max	Description
REFERENCE	1	Ν	Name of the referring object
LOGDATE	1	Ν	Date of the logging entry
OBJECTID	1	Ν	ID of the searched object
OPERATIONTYPE	1	Ν	Type of the operation
OPERATIONSTATUS	1	Ν	Status of the operation
LOGINDEX	1	Ν	ID of the logging entry
COUNT	1	1	Number of entries

The following request queries all objects of "reseller.com": https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret &command=QueryObjectLogList

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully property[reference][0] = reseller.com property[logdate][0] = 2005-12-28 11:01:29 property[operationtype][0] = CREATE property[operationstatus][0] = SUCCESSFUL property[logindex][0] = 245500

... EOF

1.3.5.8 StatusObjectLog

Description

Query a list of objects. For the most objects related options logging entries are created. Example: user user.com deletes his domain "reseller.com". His reseller "reseller.com" can see in the "ObjectLogList" that the domain is deleted by user user.com and at which date it is deleted.

Availability

All users have access to this command.

Input parameters

Submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret &command=command ¶meter1=value1 ¶meter2=value2 ¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
logindex	required	ID of the logging entry	INTEGER
objectid	optional	ID of a object, e. g. "domainname.com"	TEXT
objectclass	optional	CLASS of the object, e. g. DOMAIN	TEXT

Returned properties and values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
OBJECTCLASS	1	1	Object class
LOGDATE	1	1	Date of the logging entry
LOGSTATUS	1	1	Status of the logging entry, e. g. "ok"
OBJECTID	1	1	Object ID
OPERATIONTYPE	1	1	Type of the operation
OPERATIONSTATUS	1	1	Status of the operation
OPERATIONSINFO	1	N	The complete command and the response as text. Each array entry represents a line.

The following request queries the objects log with the logindex "754297": https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret &command=StatusObjectLog &logindex=754297

The response is as follows: [RESPONSE] code = 200description = Command completed successfully property[logdate][0] = 2006-06-05 14:19:35 property[logstatus][0] = ok property[objectclass][0] = DNSZONE property[objectid][0] = reseller.com. property[operationtype][0] = UPDATE property[operationstatus][0] = REQUEST property[operationinfo][0] = [COMMAND] property[operationinfo][1] = DELRR0=www.reseller.com. 3600 IN A 192.168.0.1 property[operationinfo][2] = DNSZONE=reseller.com. property[operationinfo][3] = COMMAND=UpdateDNSZone property[operationinfo][4] = ADDRR0=www.reseller.com. 3600 IN A 192.168.0.2 property[operationinfo][5] = INCSERIAL=1 property[operationinfo][6] = EOF property[operationinfo][7] = property[operationinfo][8] = [RESPONSE] property[operationinfo][9] = code = 200 property[operationinfo][10] = description = Command completed successfully property[operationinfo][11] = property[operationinfo][12] = property[operationinfo][13] = property[operationinfo][14] = EOF

EOF

1.3.5.9 SetObjectComment

Description

Every object (like domains, DNS zones, contact handles or users) can be labeled with an own plaintext comment (e.g. "this domain is for sale"). Comments are only visible for the user which has set this comment, but not to sub- or parentusers. Every user in the chain can have his own comment on any object.

Input parameters

Parameter	Obligation	Definition	Туре
command	required	SetObjectComment	TEXT
comment	required	Any plaintext comment	TEXT
objectid	required	ID of a object, e. g. "domainname.com"	TEXT
objectclass	required	CLASS of the object: "DOMAIN", "DNSZONE",	TEXT
-		"CONTACT", "USER"	

Returned properties and values

Code	Description
200	Command completed successfully
549	The command failed

Example

The following request adds the text "domain is for sale" to the domain "domainforsale.com":

https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret &command=SetObjectComment&objectclass=DOMAIN&objectid=domainforsale.com&comment=domain is for sale

The response is as follows:

[RESPONSE] code = 200 description = Command completed successfully

EOF

1.4 Additional Services

The following services are add-on services for the Core API.

1.4.1 POP3-Event-Server

The POP3-Event-Server can be used to receive event by the POP3 protocol (specified by RFC 1939).

The following configuration data is required to configure the POP3-Client:

Server	api.domainreselling.de	
Login	<user api="" id="" the="" used="" with=""></user>	
Password	<password of="" the="" user=""></password>	

The following example shows an email that is generated by the POP3-Event-Server:

From: EVENT MANAGER <events@invalid.example> To: USER <user@invalid.example> Date: Mon, 10 Apr 2006 15:39:22 -0000 Subject: [DOMAINAPPLICATION::FAILED] 44361429E6E0F47329937

EVENT_DATE: 2006-04-10 15:39:22.0 EVENT_CLASS: DOMAINAPPLICATION EVENT_SUBCLASS: FAILED OBJECT_CLASS: APPLICATION OBJECT_ID: 44361429E6E0F47329937

[DATA] application:44361429E6E0F47329937 domain:reseller.com reason:HOLD

>
1.5 System response code list

Code	Description
200	Command completed successfully
210	Domain name available
211	Domain name not available
212	Name server available
213	Name server not available
214	Contact available
215	Contact not available
220	Command completed successfully. Server closing connection
420	Command failed due to server error. Server closing connection
421	Command failed due to server error. Client should try again.
425	Access control limit exceeded
500	Invalid command name
501	Invalid command option
502	Invalid entity value
503	Invalid attribute name
504	Missing required attribute
505	Invalid attribute value syntax
506	Invalid option value
507	Invalid command format
508	Missing required entity
509	Missing command option
520	Server closing connection. Client should try openi
521	Too many sessions open. Server closing connection
530	Authentication failed
531	Authorization failed
532	Domain names linked with name server
533	Domain name has active name servers
534	Object has not been flagged for transfer
535	Restricted IP address
536	Object already flagged for transfer
540	Attribute value is not unique
541	
542	Invalid old value for an attribute
543	
544	Entity on hold
545	
540 547	
547	Invalid command sequence
540 540	Command failed
549	Derent chiest net registered
550	Parent object not registered
552	Chiest status does not allow for operation
552	Object status does not allow for operation Operation not allowed. Domain pending transfer
557	Domain already registered
555	Domain already registered
556	Maximum registration period exceeded
558	Trustee Service not annlicable
555 556 558	Domain already renewed Maximum registration period exceeded Trustee Service not applicable

2. DOMAIN

2.1 DOMAIN User Relations

The relations define the operational parameters of a user and can only be modified by its superordinate users. The most important use of relations is to define the prices.

The system currently supports the following relation types for domain:

Relation type	Description
PRICE_CLASS_DOMAIN_\$domainclass_ANNUAL	The default annual fee for domains of the class
	\$domainclass, e.g.
	PRICE_CLASS_DOMAIN_COM_ANNUAL:12.00
PRICE_CLASS_DOMAIN_\$domainclass_ANNUAL\$period	The annual fee for domains of the class \$domainclass if
	period is <i>\$period</i> , e.g.
	PRICE_CLASS_DOMAIN_COM_ANNUAL5:10.95.
	That means: If a .COM domain gets registered for 5 years
	then use 10.95 as the price for one year.
PRICE_CLASS_DOMAIN_\$domainclass_SETUP	The 1-time setup fee for domains of the class \$domainclass,
	e.g. PRICE_CLASS_DOMAIN_COM_SETUP:-2.00
	This example would mean: In the first year of registration the
	.COM is 2 EUR less than in the following years.
PRICE_CLASS_DOMAIN_\$domainclass_	The transfer fee for domains of the class \$domainclass, e.g.
TRANSFER	PRICE_CLASS_DOMAIN_COM_TRANSFER:12.00
	(.com Domains are renewed for one year if transferred)
PRICE_CLASS_DOMAIN_\$domainclass_	The fee for transfer application is a part of the transfer fee
TRANSFERAPPLICATION	which will not be refunded by the registry in case of a failed
	transfer. Some registries (like DNS.LU) have a non-
	refundable fee like this. So if a user starts a transfer he
	always will get charged for both the transfer fee and the
	transfer application fee, but will only get back the transfer fee
	if the transfer fails.
PRICE_CLASS_DOMAIN_\$domainclass_	The currency of relations for domains of the class
CURRENCY	\$domainclass, e.g.
	PRICE_CLASS_DOMAIN_COM_CURRENCY:USD

If there is no currency for a domain class, then the system uses the users account currency instead.

Prices are calculated according to the daily exchange rate of the ECB (European Central Bank, www.ecb.int), if the domain class currency and user account currency are different!

The relation parameters for AddUser and ModifyUser are build using the following syntax: relation*N* = *RELATIONTYPE*:*RELATIONVALUE*

2.2 DOMAIN Environment DB

Every user within the system has an associated Environment Database. The environment is used to store user specific data like an address, preferences and so on within a variable tree structure.

There are three commands dedicated to access the environment:

- GetEnvironment,
- SetEnvironment and
- QueryEnvironmentList.

Furthermore, the AddUser and ModifyUser commands modify the environment db of subusers.

The following elements can be used for setting WHOIS service informations:

Environment Key/Name	Description
_system/whois/rsp	RSP
system/whois/url	URL
system/whois/banner0	Banner line 1
_system/whois/banner1	Banner line 2
_system/whois/banner2	Banner line 3

2.3 Commands

All requests are submitted using the following HTTP interface:

https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

There is an optional parameter "**s_user**" that defines the user as which the command should be executed. This user must be the same as the login user or one of it's subusers.

The server responds with "Content-type: text/plain", using the following syntax: [RESPONSE] code = 200 description = Command completed successfully property[propertyname1][0] = value1 property[propertyname1][1] = value2 property[propertyname1][2] = value3 ... property[propertyname2][0] = ...

```
ÊOF
```

Implementations should handle the responses case-insensitive. All spaces within property names must be ignored, e. g. "created date" should be read as "CREATEDDATE", "registration expiration date" as "REGISTRATIONEXPIRATIONDATE" and so on.

Implementations MUST verify that all responses end with "EOF".

Date properties are returned in SQL syntax (e. g. "2003-09-01 12:00:00") using the timezone UTC.

2.3.1 Command substitution

2.3.1.1 Contact substitution

Whenever a command uses the parameters **ownercontact***N*, **admincontact***N*, **techcontact***N* or **billingcontact***N*, then these parameters which require contact handles can be substituted by appropriate contact information with the same parameters used by **AddContact**, or by a copy constructor.

Example:

An **AddDomain** command could be substituted in a way that e. g. the techcontact and billingcontact are given as contact handles, whereas the ownercontact is specified by new contact data, and the admincontact is the same as the ownercontact. This means that techcontact0 and billingcontact0 are set to existing contact handles, e. g.:

techcontact0=P-ABC123&billingcontact0=P-ABC123

ownercontact0 is defined in a way similar to AddContact:

ownercontact0firstname=John&ownercontact0lastname=Doe&ownercontact0organization=Acme+Inc.&ownercontact0street=123+T eststreet&ownercontact0city=Testcity&ownercontact0state=Myprovince&ownercontact0zip=12345&ownercontact0country=DE&o wnercontact0phone=%2B49.6826123456& ownercontact0frame%2B49.6826123457&ownercontact0email=iohn@doe.com

owner contact 0 fax = % 2B49.6826123457 & owner contact 0 email = john @doe.com and a contact 0 email = jo

admincontact0 is defined with a copy constructor:

admincontact0copy=ownercontact0

So the complete **AddDomain** request could look like:

https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=AddDomain&domain=reseller.com&nameserver0=dns1.nameserver.com&nameserver1=dns2.nameserver.com.com&period=1&ownercontact0first name=John&ownercontact0lastname=Doe&ownercontact0organization=Acme+Inc.&ownercontact0street=123+Teststreet&ownercontact0city=Testcity&ownercontact0state=Myprovince&ownercontact0zip=12345&ownercontact0country=DE&ownercontact0phone =%2B49.6826123456&ownercontact0far=%2B49.6826123457&ownercontact0email=john@doe.com&admincontact0copy=ownerc ontact0&techcontact0=P-ABC123&billingcontact0=P-ABC123

All contacts could be substituted with complete data. The example above shows the use within an AddDomain request, of course **ModifyDomain** works the same way. The example below updates the ownercontact, admincontact and the nameserver set.

https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=ModifyDomain&domain=reseller.com&nameserver0=dns1.nameserver.com&nameserver1=dns2.nameserver.com&ownercontact0firstname=Joh n&ownercontact0lastname=Doe&ownercontact0organization=Acme+Inc.&ownercontact0street=123+Teststreet&ownercontact0city =Testcity&ownercontact0state=Myprovince&ownercontact0zip=12345&ownercontact0country=DE&ownercontact0phone=%2B49.6826123456&ownercontact0fax=%2B49.6826123457&ownercontact0email=john@doe.com&admincontact0copy=ownercontact0

Using the substitution described above, implementations do not need to use contact objects but can provide plain contact information anywhere.

2.3.2 Domain management commands

The following commands are used to check, create, manage, transfer and delete domain names. Commands for domain preregistrations (new TLDs which will come up in the future) are also part of this section.

2.3.2.1 CheckDomain

Description

Check the availability of a domain name. For the case that the requested domain is a premium domain, the command also returns pricing info. If a trademark claim is established on that domainname or if the domain is on a blacklist or registry reserved, this information is also returned. Furthermore CheckDomain can suggest you domainnames which are related to your search for the case that the requested domain is already taken (e.g. if you search for "poker-guru.com", it would suggest you "poker.guru" and "poker-gu.ru", depending on if those suggestions are available themselves).

The CheckDomain command is also connected to a couple of domain aftermarket providers (like Sedo). If a domain is already taken but it is for sale on an aftermarket platform, the command will return this information, partially (if available) together with the domain's buy price.

Please note that limits apply for the domain availability service. Each requested domain adds 1 "penalty point" to your account, while every minute the total penalty points are automatically deducted by 20%. If an account has a total amount of 300 points, the CheckDomain(s) commands will accept no checks anymore and will return code 421 until the points are fallen below 300 again.

Input Parameters

submit the request using the following syntax:

https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret &command=CheckDomain &domain=is-this-domain-free.com

The response is as follows:

[RESPONSE] code = 211 description = Domain name not available *EOF*

Parameter	Obligation	Definition	Туре
command	required	Name of command to be executed	TEXT
domain	required	Name of the domain	DOMAIN
suggest	optional	Amount of maximum domain suggestions returned, default:0, max: 10	INT

Code	Description
210	Domain name is available
211	Domain name is not available
421	Service temporarily not available

Property	min	max	Description
AFTERMARKET	0	1	If the AFTERMARKET property is returned and is "1" then this domain can be bought through an aftermarket provider. In this case you can buy the domain directly through our system by the command "TransferDomain" if the property "AFTERMARKETTYPE" is NOT "make_offer". In order to show that you agree the buy price, you have to send the extension "AFTERMARKET=1" with the TransferDomain command.
AFTERMARKETTYPE	0	1	If this value is "make_offer", then you can't transfer the domain directly through the system but you can buy it directly on the website of the aftermarket provider. Other possible values are "realtime_transfer" and "staged_transfer". Both of them mean that the buying process can directly be done through the system using the TransferDomain command.
BUYTHROUGH	0	1	Shows you at which aftermarket provider the domain is located, e.g. "sedo"
AFTERMARKETPRICE	0	1	The net price of the cost if you want to buy this domain by the command "TransferDomain" with the "AFTERMARKET=1" extension.
AFTERMARKETCURRENCY	0	1	The 3-letter currency code in which this domain is offered for sale, e.g. EUR, USD, CHF,
AFTERMARKETELIGIBLE	0	1	Returns "0" or "1", depending if your account is eligible to transfer aftermarket domains directly through the system.
TRADEMARKCLAIM	0	1	Returns "0" or "1". If there is a trademark claim on a domain name, then you need to send some additional information with the AddDomain command in order to prove that you're the legal maintainer of that trademark. This parameters are documentated in the AddDomain command section
X-LOOKUP-KEY	0	1	When a trademark claim exists on a domain (indicated through "TRADEMARKCLAIM=1" in the response), then this value is a reference to the claim. You can then fetch further information about the claim through the command "QueryTrademarkClaimService", which will show you the trademark holder, the category and some description.
RESERVED	0	1	Can be "0" or "1". If a domain is reserved, then it can't be registered regularly, but in some cases the domain can be bought directly from the registry. E.g. some registries block the names of countries or cities but if you are an official authority of that city, you can try to contact the registry in order to buy that domain from them
GRANDFATHERED	0	1	A grandfathered domain is free for registration, but can only be registered by the same person/company who already owns another domain. This is the case with .UK domains: If a "domainname123.co.uk" already exists, then "domainname123.uk" can only be registered by the same owner.
PREMIUM	0	1	Boolean return value. If "1", then this domain is not sold by the registry according to their standard pricelist. In this case the net price and currency is returned as well. If you want to register a premium domain, you will have to send the "PREMIUM=1" flag with your AddDomain command, indicating that you're aware of the higher registration and recurring price.
PREMIUMELIGIBLE	0	1	If "0", then your account is not unlocked to register premium domain names.
PRICE	0	1	Contains the net price of a premium domain (e.g. "231.59")
CURRENCY	0	1	Contains the 3-letter currency code (EUR, USD,) in which a premium domain is offered
RENEWALPRICE	0	1	Some registries offer premium domains for a higher price in their first year of registration, but charge a lower price for the recurrings for their recurrings. This value shows the recurring

			price (e.g. "29.00")
PREAP	0	1	Some of the new gTLD registries offer certain timeframes (so called "Early Access Phases") before the official launch of a TLD, in which you can register your desired domains already, but at a higher price for the first year. The PRICE property always returns you the total price which you would have to pay if you register a domain right now. If a TLD is within such an EAP timeframe then the property PREAP indicates how much of the total amount is based on the additioinal EAP fee, e.g. PRICE=1200.00, PREAP=1000.00
PREAPCURRENCY	0	1	The currency of the EAP price share

Example Domaincheck with Trademark Claim

https://api.domainreselling.de/api/call.cgis_login=reseller.com&s_pw=secret &command=CheckDomain &domain=reseller.blog

The response is as follows:

[RESPONSE] code = 210 description = Domain name available PROPERTY[TRADEMARKCLAIM][0] = 1 PROPERTY[X-LOOKUP-KEY][0] = 2016083001/1/8/4/GEpbv1aic6L4qNxBXDuiq-0x0000005130 EOF

2.3.2.2 CheckDomains

Description

Basically "CheckDomains" does nothing else then "CheckDomain", but you can query up to 32 names at the same time. The query for every single domain is then running in parallel inside our backend, so you can speedup the whole process by using bulk instead of single queries, but the response will of course come back once the slowest query was processed. Especially querying some "exotic" ccTLDs can sometimes take up to a few seconds while the query time for gTLDs are in general less than 1s.

The response values are exactly the same as described in the CheckDomain command, but as the result is an array and can contain any type of domain (standard domain, premium domain, EAP, trademark and aftermarket domain) at the same time, all properties described in the CheckDomain command are always returned, but in most cases they will be empty.

Please note that limits apply for the domain availability service. Each requested domain adds 1 "penalty point" to your account, while every minute the total penalty points are automatically deducted by 20%. If an account has a total amount of 300 points, the CheckDomain(s) commands will accept no checks anymore and will return code 421 until the points are fallen under 300 again.

Input Parameters

submit the request using the following syntax:

https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret &command=CheckDomains &domain0=is-this-domain-free.com &domain1=is-it-still-free.guru

Parameter	Obligation	Definition	Туре
command	required	Name of command to be executed	TEXT
domainN	required	Names of the domains	DOMAIN [031]

Code	Description
200	Command completed successfully
541	One of the parameters was invalid
421	Service temporarily not available

Property	min	max	Description
DOMAINCHECK	0	31	The result for the <i>N</i> -th domain, in the format:
AFTERMARKET	0	31	If the AFTERMARKET property is returned and is "1" then this domain can be bought through an aftermarket provider.
			system by the command "TransferDomain" if the property "AFTERMARKETTYPE" is NOT "make_offer". In order to
			show that you agree the buy price, you have to send the extension "AFTERMARKET=1" with the TransferDomain command.
AFTERMARKETTYPE	0	31	If this value is "make_offer", then you can't transfer the domain directly through the system but you can buy it directly on the website of the aftermarket provider. Other possible values are "realtime_transfer" and "staged_transfer". Both of them mean that the buying process can directly be done through the system using the TransferDomain command.
BUYTHROUGH	0	31	Shows you at which aftermarket provider the domain is

	T	1	
			located, e.g. "sedo"
AFTERMARKETPRICE	0	31	The net price of the cost if you want to buy this domain by
			the command "TransferDomain" with the
			"AFTERMARKET=1" extension.
AFTERMARKETCURRENCY	0	31	The 3-letter currency code in which this domain is offered for
			sale, e.g. EUR, USD, CHF,
AFTERMARKETELIGIBLE	0	31	Returns "0" or "1", depending if your account is eligible to
	0	24	transfer aftermarket domains directly through the system.
IRADEMARKCLAIM	0	31	Returns 0 or 1. If there is a trademark claim on a domain
			with the AddDomain command in order to prove that you're
			the legal maintainer of that trademark. This parameters are
			documentated in the AddDomain command section
	0	31	When a trademark claim exists on a domain (indicated
	Ŭ	01	through "TRADEMARKCI AIM=1" in the response), then this
			value is a reference to the claim. You can then fetch further
			information about the claim through the command
			"QueryTrademarkClaimService", which will show you the
			trademark holder, the category and some description.
RESERVED	0	31	Can be "0" or "1". If a domain is reserved, then it can't be
			registered regularly, but in some cases the domain can be
			bought directly from the registry. E.g. some registries block
			the names of countries or cities but if you are an official
			authority of that city, you can try to contact the registry in
	0	04	order to buy that domain from them.
GRANDFATHERED	0	31	A grandiathered domain is free for registration, but can only
			owns another domain. This is the case with LIK domains: If a
			"domainname123 co.uk" already exists then
			"domainname 123 uk" can only be registered by the same
			owner.
PREMIUM	0	31	Boolean return value. If "1", then this domain is not sold by
			the registry according to their standard pricelist. In this case
			the net price and currency is returned as well. If you want to
			register a premium domain, you will have to send the
			"PREMIUM=1" flag with your AddDomain command,
			indicating that you're aware of the higher registration and
	_		recurring price.
PREMIUMELIGIBLE	0	31	If "0", then your account is not unlocked to register premium
PRICE	0	21	Contain fidnes
	0	31	Contains the 3 lotter currency code (EUP, USD,) in which
CORRENCT	0	51	a premium domain is offered
RENEWALPRICE	0	31	Some registries offer premium domains for a higher price in
	-	-	their first year of registration, but charge a lower price for the
			recurrings for their recurrings. This value shows the recurring
			price (e.g. "29.00")
PREAP	0	31	Some of the new gTLD registries offer certain timeframes (so
			called "Early Access Phases") before the official launch of a
			TLD, in which you can register your desired domains already,
			but at a higher price for the first year. The PRICE property
			always returns you the total price which you would have to
			pay if you register a domain right now. If a TLD is within such
			an EAF uniename then the property PREAP indicates now
			A = 0 PRICE=1200.00 PREAD=1000.00
PREAPCURRENCY	0	31	The currency of the FAP price share

Example

The following request checks the availability of reseller.blog and reseller.net:

https://api.domainreselling.de/api/call.cgi?s login=reseller.com&s pw=secret &command=CheckDomains &domain0=reseller.blog &domain1=reseller.net

The response is as follows:

```
[RESPONSE]
code = 200
description = Command completed successfully
property[domain][0] = reseller.blog
property[domaincheck][0] = 210 Domain name available
property[domainchecktime][0] = 0.860631227493286
property[trademarkclaim][0] = 0
property[x-lookup-key][0] =
property[premium][0] = 0
property[premiumeligible][0] = 0
property[price][0] =
property[regprice][0] =
property[currency][0] =
property[renewalprice][0] =
property[renewalcurrency][0] =
property[aftermarketprice][0] =
property[aftermarketcurrency][0] =
property[aftermarket][0] = 0
property[aftermarketeligible][0] =
property[aftermarkettype][0] =
property[buythrough][0] =
property[pricebase][0] =
property[category][0] =
property[reserved][0] = 0
property[grandfathered][0] = 0
property[preap][0] =
property[preapcurrency][0] =
property[domain][1] = reseller.net
property[domaincheck][1] = 211 Domain name not available; domain can be transfered from an aftermarket provider
property[domainchecktime][1] = 0.860631227493286
property[trademarkclaim][1] = 0
property[x-lookup-key][1] =
property[premium][1] = 0
property[premiumeligible][1] = 0
property[price][1] =
property[regprice][1] =
property[currency][1] =
property[renewalprice][1] =
property[renewalcurrency][1] =
property[aftermarketprice][1] =
property[aftermarketcurrency][1] =
property[aftermarket][1] = 1
property[aftermarketeligible][1] = 1
property[aftermarkettype][1] = make_offer
property[buythrough][1] = sedo
property[pricebase][1] =
property[category][1] =
property[reserved][1] = 0
property[grandfathered][1] = 0
property[preap][1] =
property[preapcurrency][1] =
QUEUETIME=0
RUNTIME=1.052
```

EOF

2.3.2.3 AddDomain

Description

Register a new domain name (if the domain is available).

Basically a domain always needs four contacts: owner, admin-c, tech- & billing-contact and at least two nameservers. Some registries also allow "defensive" registrations without submitting nameservers, if you just want to park your domain and use it later.

Some TLDs need further extensions, mostly because the registry is enforcing some extra information, e.g. a registrant's passport number or a company registration number. If an extension parameter begins with "X-TLD-" then this parameter is only needed for this TLD (e.g. "X-CA-LEGALTYPE" is only needed for registering .CA domains)

Input Parameters

submit the request using the following syntax:

https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret

&command=AddDomain &domain=my-new-domain.com &ownercontact0=P-OWNERHANDLEID &admincontact0=P-ADMINHANDLEID &techcontact0=P-TECHHANDLEID &billingcontact0=P-BILLINGHANDLEID &nameserver0=ns1a.dodns.net &nameserver1=ns2a.dodns.net

Parameter	Obligation	Definition	Туре
command	required	AddDomain	TEXT
domain	required	Name of the domain	DOMAIN
period		Registration period: xY for x years xM for x months (please remark that "Y" and "M" are case sensitive) If no "Y" or "M" is submitted but an integer number instead, then "Y" is automatically assumed.	TEXT INT
ownercontactN	required	Owner/Registrant-Contact(s). Please be aware that just a few registries accept more than just 1 contact for the owner.	CONTACT [03]
admincontact <i>N</i>	required	Admin-Contact(s). Please be aware that just a few registries accept more than just 1 contact for the admin.	CONTACT [03]
techcontactN	required	Tech-Contact(s). Please be aware that just a few registries accept more than just 1 contact for the tech-c.	CONTACT [03]
billingcontactN	required	Billing-Contact(s). Please be aware that just a few registries accept more than just 1 contact for the billing-c.	CONTACT [03]
nameserverN	optional	Nameserver hostnames	NAMESERVER [012]
premium	optional	If a domain is a premium domain (see the CheckDomain manual for details), then "PREMIUM=1" needs to be submitted in order to accept the premium domain price	INT (BOOL)
x-notice-id	optional	Trademark claim ID (see "QueryTrademarkClaimService")	TEXT

x-notice-not-after	optional	Trademark claim validity period (see DATETIME "QueryTrademarkClaimService")			
x-notice-accepted-date	optional	Trademark claim confirmation date (see	DATETIME		
transfarlack	ontional	transferlock=1 locks a domain immediately			
transferiock	optional	after creating it so that it can't get transferred	INTEGER		
		to another registrar until the lock was removed			
		again (Status "clientTransferProhibited")			
auth	optional	Auth-Info code (min 11 characters with	TEXT		
	•	uppercase/lowercase mixed and at least one			
		number and one special char)			
		By default a valid random string is generated			
		automatically by our backend.			
x-eu-accept-trustee-tac	optional	For .EU domains: Set this parameter to "1" to	INTERGER		
		use our Trustee Contact Service for the			
		Owner-C, I you can't provide a local presence			
		in the EU. Please be aware that using the			
6		trustee service is a service with costs.	TEVT		
x-tr-accept-trustee-	optional	Enables our .FR Trustee Solution which sets	IEXI		
tac		the demain. Please he aware that using the			
		trustee service is a service with costs			
y_fr_ragistrant_hirth_	ontional	Birth date of the registrant	DATE		
date	optional		DATE		
x-fr-registrant-birth-	optional	Birth place of the registrant	TEXT		
place	•				
x-fr-registrant-legal-	optional	Legal form of the entity (in case registrant is no	TEXT		
form	-	natural person)			
x-fr-registrantlegal-	optional	Other form than the possible values of the	TEXT		
form-other		above parameter			
X-fr-siren-or-siret	optional	siren or siret id number of a french company.	TEXT		
x-idn-language	optional	If domain is a IDN domain (containing non-	TEXT		
		ANSI characteres, like German umlauts),			
		Code			
x-it-pin	optional	Taxpayer number for .IT domain registrations	TEXT		
x-it-consentforpublis	optional	State if you agree to publish your detailled	INT (1 / 0)		
hing		contact data on the .IT whois			
x-jobs-companyurl	optional	Company URL for .JOBS	TEXT		
x-jobsindustryclassifica	optional	Industry Classification for .JOBS	INTEGER		
tion	•				
x-jobs-hraname	optional	Human Resources Association name for	TEXT		
x-nicse-idnumber	ontional	Personal Identity Number, needed for	ТЕХТ		
x-mese-iunumber	optional	registration of SE domains (Sweden)			
x-nicse-vatid	optional	VAT ID of the registrant	TEXT		
x-pl-reason	optional	.PL Reason of registration	EMAIL		
x-sg-rcbid	optional	Companies located in Singapore must enter	TEXT		
_	-	their registration numbe			
x-travel-uin	optional	In order to register .travel domains the	TEXT		
		registrant has to provide a UIN "Unique			
		Identification Number". The UIN can be			
		provided to the registrant through an			
		Association Authentification Partner (a list of			
		AAPs can			
		be viewed under			
V HE NAVHEANNPHERASA	ontional	Nevue AppPurpose for US Domains	TEYT		
x-us-nexusapppurpose	οριιοπαί	nossible values: P1 P2 P3 D4 D5 Deco			
		see our wiki / helphages for details on their			
		meaning.			
x-us-nexuscategory	optional	Nexus-Category for US Domains, possible	TEXT		

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		values: C11 C12 C21 C31 C32 Please see our wiki / helppages for details on their meaning.	
x-us-nexusvalidator	optional	Nexus-Validator (country) for .US Category C31 and C32 Please see our wiki / helppages for details on their meaning.	TEXT

Code	Description
200	Command completed successfully
210	Domain name available; domain is a premium domain
541	The command failed

Property	min	max	Description
REGISTRATIONEXPIRATIONDATE	1	1	The registration expiration date according to the whois
STATUS	1	N	The current registration status, possible values are: ok, ACTIVE, INACTIVE, clientHold, clientTransferProhibited, clientDeleteProhibited, clientUpdateProhibited, serverHold, serverTransferProhibited, serverUpdateProhibited, serverDeleteProhibited. More information about what they mean can be found under https://www.icann.org/resources/pages/epp-status- codes-2014-06-16-en
ACCOUNTINGDATE	1	1	The date when our system will charge the next renewal of that domain
FAILUREDATE	1	1	The date when our system will automatically delete the domain for the case that its renewalmode gets set to AUTODELETE or AUTOEXPIRE. At this date a domain gets also deleted if the funds on your account are not enough to cover the recurring fees.
FINALIZATIONDATE	1	1	The system deducts the recurring fees for a domain a couple of days before the renewal takes place. When a renewal was already charged, but you decide to delete the domain, the system will automatically grant you a refund when the deletion was performed prior to the FINALIZATIONDATE.
NEXTACTION	1	1	Indicates what the system will do in the next step. Possible values: pay, finalize, expire, delete.
NEXTACTIONDATE	1	1	This points to the date when the next action in terms of renewal comes up for this domain

Notes

 This documentation contains only a small subset of the TLD related extensions for demonstration purposes. Please see our TLD information page inside our webinterface for further details on specific TLDs' extensions.

Example domain registration with an active trademark claim:

The following request registers the domain "reseller.blog" with claim:

https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret &command=AddDomain &period=2Y &domain=reseller.blog &ownercontact0=P-ABC123 &admincontact0=P-ABC123 &techcontact0=P-ABC123 &techcontact0=P-ABC123 &illingcontact0=P-ABC123 &nameserver0=ns1a.dodns.net &nameserver1=ns21.dodns.net &x-notice-id=cb99d751000000000152587 &x-notice-not-after=2014-04-12 00:00:00 &x-notice-accepted-date=2014-04-10 07:45:32

The response is as follows:

[RESPONSE] code = 200 description = Command completed successfully property[status][0] = ACTIVE property[registration expiration date] = 2017-09-04 12:30:00 ... EOF

2.3.2.4 ModifyDomain

Description

Updates contacts, nameserver or status of a domain.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
command	required	ModifyDomain	TEXT
domain	required	Name of the domain	DOMAIN
ownercontactN	optional	Owner/Registrant-Contact(s)	CONTACT [03]
admincontactN	optional	Admin-Contact(s)	CONTACT [03]
techcontactN	optional	Tech-Contact(s)	CONTACT [03]
billingcontactN	optional	Billing-Contact(s)	CONTACT [03]
nameserverN	optional	Nameserver hostnames	NAMESERVER [012]
auth	optional	Auth-Info code (min 11 letters, containing a mix of uppercase/lowercase with at least one	TEXT
		number and at least one special char)	
addstatusN	optional	Add a status flag like: clientTransferProhibited, clientUpdateProhibited, clientDeleteProhibited, clientHold. The most common status flag to be set is "clientTransferProhibited" which establishes a transfer lock on the domain. An easier way for establishing/removing a transfer lock is to use the parameter TRANSFERLOCK=0 1	TEXT
delstatusN	optional	Delete a status flag (see addstatusN)	TEXT
x	optional	See command "AddDomain" and out TLD help pages for these optional (TLD related) extension parameters	
transferlock	optional	While a transfer lock is on a domain, it can't be transferred away to another registrar by accident, even not with the correct authcode	BOOL (0 1)

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

Example

The following request modifies the contacts as well as the nameservers of the domain "reseller.com":

https://api.domainreselling.de/api/call.cgi?s login=reseller.com&s pw=secret &command=ModifyDomain &domain=reseller.com &ownercontact0=P-ABC123 &admincontact0=P-ABC123 &techcontact0=P-ABC123 &billingcontact0=P-ABC123 &nameserver0=dns1.nameserver.com &nameserver1=dns2.nameserver.com

The response is as follows:

[RESPONSE] code = 200 description = Command completed successfully EOF

2.3.2.5 StatusDomain

Description

Get the status of a domain which already exists in your portfolio. By this command you can gather information about which contact handles and nameservers are assigned to a domain as well as all the billing relevant dates, e.g. at which date will the domain be charged for renewal again, what is the date when a domain will get deleted if it was set to AUTODELETE and so on.

Parameter	Obligation	Definition	Туре
command	required	StatusDomain	TEXT
domain	required	Name of the domain	DOMAIN

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
CREATEDBY	1	1	Registrar that registered the domain
CREATEDDATE	1	1	The creation date of the domain
UPDATEDBY	1	1	Registrar that updated the domain
UPDATEDDATE	1	1	Last modification date of the domain
REGISTRAR	1	1	Current sponsoring registrar
REGISTRATIONEXPIRATIONDATE	1	1	The registration expiration date
REGISTRARTRANSFERDATE	0	1	If the domain came into the system by transfer, the
			date when the transfer took place is shown here
STATUS	1	Ν	The current registration states, like
			"clientTransferProhibited"
OWNERCONTACT	1	1	The contact handle of the registrant/owner
ADMINCONTACT	1	3	The administrative contact
TECHCONTACT	1	3	The technical contact
BILLINGCONTACT	1	3	The billing contact
NAMESERVER	0	13	The nameserver hostnames
AUTH	0	1	Auth-Info Code which is needed if you want to transfer
			the domain away to another 3 rd party registrar
USER	1	1	The user that manages this domain (only relevant if
			you use subuser capabilities)
RENEWALMODE	1	1	Indicates how the domain's renewal behaviour was
			set. Possible values: AUTORENEW, AUTOEXPIRE,
			AUTODELETE. If this was not explicitely changed the
			default renewalmode is always AUTORENEW
TRANSFERMODE	1	1	Indicates how the domain can be transferred (with or
			w/o authcode)
ACCOUNTINGDATE	1	1	The date when our system will charge the next
			renewal of that domain
FAILUREDATE	1	1	The date when our system will automatically delete
			the domain for the case that its renewalmode gets set
			to AUTODELETE or AUTOEXPIRE. At this date a
			domain gets also deleted if the funds on your account
			are not enough to cover the recurring fees.
FINALIZATIONDATE	1	1	The system deducts the recurring fees for a domain a
			couple of days before the renewal takes place. When
			a renewal was already charged, but you decide to
			delete the domain, the system will automatically grant
			you a retund when the deletion was performed prior to
NEXTACTION	1	1	Indicates what the system will do in the next step.

			Possible values: pay, finalize, expire, delete.
NEXTACTIONDATE	1	1	This points to the date when the next action in terms
			of renewal comes up for this domain
RENEWALPRICE	1	1	Shows you the price which will be charged from the system when this domain comes up to its next ACCOUNTINGDATE
RENEWALCURRENCY	1	1	The currency of RENEWALPRICE

Notes

• The above described return parameters and values are the most important ones and are available for every domain. The StatusDomain command delivers further parameters depending on the TLD which are mainly for internal purposes and which may change. So additional return parameters are not part of this documentation.

2.3.2.6 DeleteDomain

Description

Delete a domain name explicitely and immediately.

If you want to let the system automatically delete a domain at the latest point in time shortly before it would be renewed again, this command is not the right choice. In this case you can use "SetDomainRenewalMode" instead.

Parameter	Obligation	Definition	Туре
command	required	DeleteDomain	TEXT
domain	required	Name of the domain	DOMAIN

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

Example

The following deletes the domain "deleteme.biz":

```
https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret
&command=DeleteDomain
&domain=deleteme.biz
```

The response is as follows:

[RESPONSE] code = 200 description = Command completed successfully EOF

2.3.2.7 TradeDomain

Description

TradeDomain is for changing an owner contact for certain TLDs. While for most registries owner updates are free of charge and can be done by the ModifyDomain command, some single registries (e.g. the TLD .EU) consider an ownerchange as a trade and therefore charge the annual domain fee again.

If you're not shure if the registry allows ownerupdates free of charge, try the ModifyDomain command first. If the TLD needs a trade for ownerchange, the system will respond you with an error indicating that a trade is needed for this TLD. The annual price for that TLD is charged immediately upon a successfully issued TradeDomain command.

Some registries which need a trade for ownerchanges also allow a so-called "transfer-trade", e.g. .EU. If a .EU domain is currently registered at another provider and you want to transfer it into your portfolio while the ownercontact should be changed in the same step (to avoid double costs), you can initiate a TradeDomain which does both in one step. In this case you have to provide the authcode by the "auth" parameter.

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be	TEXT
command	required	Name of command to be executed	TEXT
domain	required	Name of the domain	DOMAIN
ownercontact0	required	Contact handle of the new domain owner	TEXT
x-it-pin	optional	May be required for .IT ownerchanges	TEXT
x-eu-accepttrustee-tac	optional	optional For .EU domains: Set this parameter to "1" to use our Trustee Contact Service for the Owner-C, I you can't provide a local presence in the EU	INTERGER
action	optional	May be "cancel" to cancel a running trade	TEXT
auth	optional	Just in case of a transfer-trade	TEXT

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

Example

The following command can be called for requesting the registrant change of the domain "reseller.eu" using contact data from handle "P-ABC123":

https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret &command=TradeDomain &domain=reseller.eu &ownercontact0=P-ABC123

The response is as follows:

[RESPONSE] code = 200 description = Command completed successfully EOF

2.3.2.8 PushDomain

Description

A handful of registries offer further procedures to "get rid" of a domain instead of deleting it.

E.g. the DENIC does not allow a provider to delete a .DE domain if the deletion was not the consent of the domain owner himself, but you – of course – don't want to pay for the domain renewal if your customer is not paying you anymore.

In this case you can "push" a .DE domain into the so-called transit state (see http://transit.denic.de for more details). Once a domain is in transit, the DENIC itselfs sends a postal letter to the address of the admin-c, containing credentials for the "DENIC-direct" admin interface. The admin-c can then decide if he wants to keep his domain and pay DENIC directly, to delete it or to move it to another registrar.

Nic.AT is basically offering the same, they call it "BILLWITHDRAW" instead of "TRANSIT". The only difference is that for .AT domains no postal letters are sent. The registry tries to get in contact with the registrant, if this is not successful, the domain remains under the direct management of the Nic.AT, and the registry starts the money collection from the registrant.

Last but no least, .UK domains (as well as .CO.UK, .ME.UK, .ORG.UK) can be given back to the registry Nominet with the "DETAGGED" value for the TARGET parameter.

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
domain	required	Name of the domain	DOMAIN
target	required	For .DE: TRANSIT for .AT: BILLWITHDRAW for .UK / *.UK: DETAGGED	TEXT

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

Example

This command initiates the so called "denic transit procedure" for the domain "get-rid-of-me.de":

https://api.domainreselling.de/api/call.cgi?s login=reseller.com&s pw=secret &command=PushDomain &domain=get-rid-of-me.de &target=transit

The response is as follows:

[RESPONSE] code = 200 description = Command completed successfully EOF

2.3.2.9 SyncDomain

Description

By using this command a domain can be freshly synced against the registry. Normally you will never need this command, but some registries (especially the more "exotic" ccTLDs) are not always operating stable, so in doubt if you think anything about the data (contacts, nameservers, states) looks "suspicious", or if the contact data in the whois differs from the assigned contacts inside the system, try a sync.

Parameter	Obligation	Definition	Туре
command	required	SyncDomain	TEXT
domain	required	Name of the domain	DOMAIN

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

2.3.2.10 SetDomainRenewalMode

Description

Set the renewal mode of a single domain. With this command you can choose what is going to happen with a domain when the expiration time comes up.

Parameter	Obligation	Definition	Туре
command	required	SetDomainRenewalMode	TEXT
domain	required	Name of the domain	DOMAIN
renewalmode	required	AUTORENEW (default), AUTOEXPIRE or AUTODELETE	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

Notes

- The default behaviour if nothing was changed is always AUTORENEW
- AUTODELETE really deletes a domain at the latest point in time. This is the right option if you don't need an own domain anymore or for the case that it is a customer domain if your customers canceled the domainname himself.
- AUTOEXPIRE basically behaves like AUTORENEW with 3 exceptions: .DE, .AT and .UK domains will not be deleted but "pushed" back to the registry when it comes to the expiration. This is the right option if it is a domain of a customer of yours and you want to cancel your contract with him (e.g. your customer does not pay anymore). Find further information about that process in the manual of the command "PushDomain"

2.3.2.11 RenewDomain

Description

RenewDomain explicitly renews a domain at the registry, if possible (this depends on the registry offering explicit renewals or not). In general at least every gTLD and all the new gTLDs offer explicit renewals. Please note that this is an action with cost which can not be undone.

Parameter	Obligation	Definition	Туре
command	required	RenewDomain	TEXT
domain	required	Name of the domain	DOMAIN
period	optional	Renewal period: 1Y, 2Y, 3Y,	TEXT

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
The same properties as document	ed in the	"StatusDo	main" command are returned

2.3.2.12 TransferDomain

Description

Request a registrar transfer, or approve or deny an outgoing transfer.

For generic TLDs like .COM, .NET but also all other new gTLDs (like .SHOP, .GURU, ...) a so-called "FOA" email is sent to the admin-c before a transfer gets started. This email contains a link by which the admin-c approves that he really wants to transfer the domain.

In order that those emails are not considered as spam by your customers, you can define the email sender address and your company name ("requestentity") by yourself. If these optional values are not submitted, the email will originate from the address "foa@domainreselling.de" and a company name is not shown.

Parameter	Obligation	Definition	Туре
command	required	TransferDomain	TEXT
domain	required	Name of the domain	DOMAIN
period	optional	renewal period (FOR .DE DOMAINS ONLY), can be 1Y or 1M for monthly billed .DE domains	TEXT
action	optional	Action, may be "REQUEST", "USERTRANSFER", "CANCEL", "APPROVE" or "DENY". The default value is "REQUEST" which initiates a new transfer coming from a 3 rd party registrar. APPROVE/DENY are for responding on outgoing transfers, USERTRANSFER is needed when a domain is already in our system with another reseller. USERTRANSFERS are in general free of charge. CANCEL can be used only for gTLDs in the case that the transfer confirmation email was not yet approved.	ТЕХТ
auth	optional	Auth-Info code, required for most TLDs	TEXT
emailsender	optional	Sender address of the FOA email	TEXT
requestentity	optional	Organization requesting the transfer, e.g. your name or your company name.	TEXT
emailtac	optional	BE AWARE, read the paragraph below!	TEXT
emailurl	optional	BE AWARE, read the paragraph below!	TEXT
emaillanguage	optional	For some registries/ TLDs a email is sent during the domain transfer process. This parameter specifies the language(s) of this email. The default value comes from the environment key "_system/gtld/transfer/emaillanguage". Example for an email with the English message at top and the German message at bottom: "emaillanguage = en_US de_DE"	ΤΕΧΤ
transferlock	optional	transferlock=1 locks a domain immediately after successful transfer	INTEGER
nameserverN	optional	for .NL transfer requests only	TEXT

Code	Description
200	Command completed successfully
531	Authorization failed (wrong or missing auth-info code)
541	The command failed

Property	min	max	Description
no properties are returned			

Notes

There are further options available in order to make the FOA mailing process brandable for your company, e.g. if you don't want that the confirmation link points to an URL below our white-labeled "domainreselling.de", but to your own website instead, you can change the emailurl. The parameter expects the URL in the following format:

http://domainreselling.de/icanntransfers/index.html?id=%d&trigger=%s&domain=%s

If you point this to your own webserver, you will need a script which fetches the parameters "domain", "id" and "trigger". This script then needs to call the following command:

command = ActivateDomainTransfer domain = \$domain id = \$id trigger = \$trigger

2.3.2.13 CheckDomainTransfer

Description

Check, if a domain transfer is applicable. The command checks if there is a transferlock on a domain. In some cases (mostly for gTLDs) it can (but does not necessarily need) return further information about a domain, like its age in days or the name of the admincontact.

Parameter	Obligation	Definition	Туре
command	required	CheckDomainTransfer	TEXT
domain	required	Name of the domain	DOMAIN

Code	Description
218	Transfer is available
219	Transfer not possible; domain is locked
531	Authorization failed
549	The command failed

Property	min	max	Description
REGISTRAR	1	1	Registrar that holds the domain
WHOISSERVER	1	1	Name of the whois server of the registrar
CREATEDDATE	1	1	Date of creation of the domain
AGEINDAYS	1	1	Days between the CREATEDDATE and today
TRANSFERLOCK	1	1	0 if not set, 1 if set
ADMINCONTACTNAME	1	1	Admin-C's name, according to whois
ADMINCONTACTEMAIL	1	1	Admin-C's emailaddress, according to whois
ADMINCONTACTLANGUAGE	1	1	Admin-C's language, according to whois

2.3.2.14 ActivateDomainTransfer

Description

This command is only needed if you don't use out white labeled FOA emails. This part was already described with the command "TransferDomain".

Parameter	Obligation	Definition	Туре
command	required	ActivateDomainTransfer	TEXT
domain	required	Name of the domain	TEXT
trigger	optional	Trigger code	TEXT
id	optional	Procedure id	TEXT

Code	Description
200	Command completed successfully
531	Authorization failed
549	The command failed
504	Missing required attributes

2.3.2.15 QueryDomainList

Description

The command returns you a list of all your domains. By the optional input parameters you're able to filter for special patterns, e.g.

domain = *.de

... would return you only domains ending in ".de", while

mincreateddate = 2016-05-01 00:00:00

... would return you only domains which were registered (or transferred in) later than May 1st 2016.

Parameter	Obligation	Definition Type			
command	required	QueryDomainList	TEXT		
userdepth	optional	Depth of the list, may be SELF, SUBUSER or ALL	TEXT		
internal	optional	?	INTEGER		
domain	optional	Search for: Domain pattern, e. g. *.com, a*.de	DOMAIN		
ownercontact	optional	Search for: Owner/Registrant-Contact	CONTACT		
nameserver	optional	Search for: Nameserver	NAMESERVER		
billingcontact	optional	Search for: Billing-Contact	CONTACT		
admincontact	optional	Search for: Admin-Contact	CONTACT		
techcontact	optional	Search for: Tech-Contact	CONTACT		
mincreateddate	optional	Search for: Minimal creating date	DATETIME		
maxcreateddate	optional	Search for: Maximal creating date	DATETIME		
minupdateddate	optional	Search for: Minimal update date	DATETIME		
maxupdateddate	optional	Search for: Maximal update date	DATETIME		
minregistration-	optional	Search for: Minimal registration expiration date	DATETIME		
expirationdate					
maxregistration-	optional	Search for: Maximal registration expiration date	DATETIME		
expirationdate					
status	optional	Search for: domain status	TEXT		
transferlock	optional	Search for: transferlock	INTEGER		
orderby	optional	Sort by "DOMAIN, DOMAINDESC, USER, USERDESC, CREATEDDATE, CREATEDDATEDESC, UPDATEDDATE, UPDATEDDATEDESC, REGISTRATIONEXPIRATIONDATE, REGISTRATIONEXPIRATIONDATEDESC, REGISTRAR, REGISTRARDESC"	TEXT		
wide	optional	If set to "1": verbose output which returns much INTEGER more information, like contacts, states and nameservers of each domains			
first	optional	Index of the first entry to be returned INTEGER			
limit	optional	Max. number of entries to be returned INTEGER			

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
DOMAIN	1	Ν	The domain name
USER	1	Ν	The user ID
PEERUSER	1	1	String with all users in the user chain
PARENTUSER	1	Ν	The user ID of the parent user
DOMAINCREATEDDATE	1	Ν	Creation date of the domain
DOMAINCREATEDBY	1	Ν	Registrar that created the contact
DOMAINUPDATEDDATE	1	Ν	Last modification date of the domain
DOMAINUPDATEDBY	1	Ν	Registrar that updated the domain
DOMAINREGISTRAR	1	Ν	Current sponsoring registrar
DOMAINREGISTRATIONEXPIRATIONDATE	1	Ν	registration expiration date
DOMAINREGISTRARTRANSFERDATE	1	Ν	The last transfer date
DOMAINOWNERCONTACT	1	Ν	The Registrant/Owner
DOMAINADMINCONTACT	1	Ν	The Administrative Contact
DOMAINTECHCONTACT	1	Ν	The Technical Contact
DOMAINBILLINGCONTACT	1	Ν	The Billing Contact
DOMAINRENEWALMODE	1	1	Renewalmode see command
			"SetDomainRenewalMode"
DOMAINTRANSFERLOCK	1	1	Shows if a transferlock is active or not
DOMAINNAMESERVER <i>N</i>	1	Ν	Shows the nameservers of the domain
DOMAINUMLAUT	1	Ν	Shows the domain written in IDN
DOMAINCONFIGCLASS	1	Ν	Shows the config class (e.g. DE) of a domain
DOMAINAUTH	1	Ν	Authorization code of the domain
DOMAINSTATUS	1	Ν	Status of the domain
COUNT	1	1	The number of entries returned
FIRST	1	1	The index of the first entry
LAST	1	1	The index of the last entry
LIMIT	1	1	The query limit (max. number of entries returned)
TOTAL	1	1	The total number of entries found

Notes

• userdepth defines the depth of the returned list.

SELF returns a list with only domains of your own user (not your subusers)

SUBUSER returns a list with domains of all direct subusers.

ALLSUBUSER returls a list with domains of all subusers **and** all sub-subusers below, but not your own domains

ALL returns a list with domains of yours and all sub- and sub-sub-users.

• The parameters **FIRST** and **LIMIT** should be used to implement paging on a website.

2.3.2.16 QueryTransferList

Description

Query a list of your incoming (running) domain transfers from an external registrar to yourself.

Parameter	Obligation	Definition	Туре
command	required	QueryTransferList	TEXT
userdepth	optional	Depth of the list, may be SELF, SUBUSER, ALLSUBUSER or ALL default: ALL	TEXT
domain	optional	Domain pattern, e. g. *.com, a*.de	TEXT
first	optional	Index of the first entry to be returned	INTEGER
limit	optional	Max. number of entries to be returned	INTEGER
mincreateddate	optional	If used, QueryTransferList only returns transfers	DATETIME
maxcreateddate	optional	created between mincreateddate and maxcreateddate	

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
DOMAIN	1	Ν	The domain name
USER	1	Ν	The user ID
PARENTUSER	1	Ν	The user ID of the parent user
PEERUSER	1	Ν	The string of user ID's that shows the subuser chain
CREATEDDATE	1	Ν	Date when the transfer was initiated
COUNT	1	1	The number of entries returned
FIRST	1	1	The index of the first entry
LAST	1	1	The index of the last entry
LIMIT	1	1	The query limit (max. number of entries returned)
TOTAL	1	1	The total number of entries found

Notes

• userdepth defines the depth of the returned list:

SELF returns a list with only domains of your own user (not your subusers)

SUBUSER returns a list with domains of all direct subusers.

ALLSUBUSER returls a list with domains of all subusers **and** all sub-subusers below, but not your own domains

ALL returns a list with domains of yours and all sub- and sub-sub-users.SELF returns a list with only domain transfers of the user itself. SUBUSER returns a list with domain transfers of all direct subusers. ALL returns a list with domain transfers of all subusers and all subusers below them.

• The parameters **FIRST** and **LIMIT** should be used to implement paging on a website

2.3.2.17 QueryForeignTransferList

Description

Query a list of all domain which are currently in a transfer-out process (coming from you, going to an extenal registrar)

Parameter	Obligation	Definition	Туре
command	required	Name of command to be executed	TEXT
userdepth	optional	Depth of the list, may be SELF, SUBUSER or ALL default: ALL	TEXT
target	optional	controls if the list shows all transfers and trades, only trades, or only usertransfers and trades; may be ALL, SELF, TRADE, or SUBUSER	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
DOMAIN	1	Ν	The domain name
USER	1	Ν	The user ID
PARENTUSER	1	Ν	The user ID of the parent user
PEERUSER	1	N	A string of user ID's indicating the hierarchy of the respective transfer
STATUS	1	Ν	The current transfer status
CREATEDDATE	1	Ν	Date when the respective transfer has been created
OLDREGISTRAR	1	N	Name of the old registrar ; value gets submitted by the registry and may be empty for some TLDs
NEWREGISTRAR	1	N	Name of the new registrar ; value gets submitted by the registry and may be empty for some TLDs
COUNT	1	1	The number of entries returned
FIRST	1	1	The index of the first entry
LAST	1	1	The index of the last entry
LIMIT	1	1	The query limit (max. number of entries returned)
TOTAL	1	1	The total number of entries found

Notes

• userdepth defines the depth of the returned list:

SELF returns a list with only domains of your own user (not your subusers)

SUBUSER returns a list with domains of all direct subusers.

ALLSUBUSER returls a list with domains of all subusers **and** all sub-subusers below, but not your own domains

ALL returns a list with domains of yours and all sub- and sub-sub-users.SELF returns a list with only domain transfers of the user itself. SUBUSER returns a list with domain transfers of all direct subusers. ALL returns a list with domain transfers of all subusers and all subusers below them.

• The parameters **FIRST** and **LIMIT** should be used to implement paging on a website

2.3.3 Domain application management commands

The following commands are used to check, create, manage and delete domain applications. Domain applications can be used for the preregistration of domains.

Examples for Domain applications:

- .EU (Landrush 1 + 2)
- .MOBI (Landrush, Sunrise, Limited)

Currently available classes: none
2.3.3.1 CheckDomainApplication

Description

By using this command you can gather information about how many applications are already placed into our system for that specific domain name.

Availability

All users have access to this command.

Input Parameters

Submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall	TEXT
		be executed (must be a subuser of s_login)	
command	required	Name of command to be executed	TEXT
domain	required	Domain name	DOMAIN
class	required	Class of the domain (see 4.3)	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
COUNT	1	1	The number of applications that are already placed into our system for that specific domain name
COUNT PAID	1	1	The number of paid applications

Example

The following request checks how many applications already exists for the domain "reseller.eu". https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=checkdomainapplication&domain=reselle r.eu& class=EU_LANDRUSH

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully property[count][0] = 0 property[count paid][0] = 0 EOF

2.3.3.2 QueryDomainApplicationList

Description

Query a list of domain applications.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command	TEXT
		shall be executed (must be a subuser of	
		s_login)	
command	required	Name of command to be executed	TEXT
userdepth	optional	Depth of the list, may be SELF, SUBUSER or ALL	TEXT
orderby	optional	Sort by "CLASS, CLASSDESC, DOMAIN, DOMAINDESC, USER, USERDESC, CREATEDDATE, CREATEDDATEDESC, UPDATEDDATE, UPDATEDDATEDESC	TEXT
class	optional	Search for: Class (see 4.3)	TEXT
domain	optional	Search for: Domain	TEXT
nameserver	optional	Search for: Nameserver	NAMESERVER
ownercontact	optional	Search for: Owner/Registrant-Contact	CONTACT
admincontact	optional	Search for: Admin-Contact	CONTACT
techcontact	optional	Search for:Tech-Contact	CONTACT
billingcontact	optional	Search for: Billing-Contact	CONTACT
status	optional	Search for: Status	TEXT
mincreateddate	optional	Search for: Minimal creating date	DATETIME
maxcreateddate	optional	Search for: Maximal creating date	DATETIME
minupdateddate	optional	Search for: Minimal update date	DATETIME
maxupdateddate	optional	Search for: Maximal update date	DATETIME
first	optional	Index of the first entry to be returned	INTEGER
limit	optional	Max. number of entries to be returned	INTEGER
wide	optional	if wide is set to 1, a detailed list with all possible entities	INTEGER (0/1)
period	optional	Registration period: xY for x years	Text

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
APPLICATION	1	Ν	Application ID
COUNT	1	1	The number of entries returned
FIRST	1	1	The index of the first entry
LAST	1	1	The index of the last entry
LIMIT	1	1	The query limit (max. number of entries returned)
TOTAL	1	1	The total number of entries found

Example

The following request queries a list of the .EU Landrush 2 applications of user "reseller.com".

 $https://api.domainreselling.de/api/call.cgi?s_login=reseller.com\&s_pw=secret\&command=querydomainapplicationlist\&class=EU_NEWLANDRUSH$

The response is as follows: [RESPONSE] PROPERTY[TOTAL][0]=671 PROPERTY[FIRST][0]=0 PROPERTY[APPLICATION][0]=44686D5B6D299925 PROPERTY[APPLICATION][1]=44686E1228670DAF PROPERTY[APPLICATION][2]=44686E12B0E9180C PROPERTY[COUNT][0]=3 PROPERTY[LAST][0]=2 PROPERTY[LIMIT][0]=3 DESCRIPTION=Command completed successfully CODE=200 EOF

2.3.3.3 StatusDomainApplication

Description

Query information on a domain application.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
application	required	Application ID	TEXT
wide	optional	if wide is set to 1, a detailed list with all possible entities	INTEGER (0/1)

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
DOMAIN	1	1	Domain name
CLASS	1	1	domain class (see 4.3)
PERIOD	1	1	Registration period in years
STATUS	1	1	Current status of the application
CREATEDDATE	1	1	The creating date of the application
UPDATEDDATE	1	1	Last modification date of the application
NAMESERVER 1 N		Ν	Nameserver(s) used for the activation of the domain
OWNERCONTACT 1 1		1	The Registrant/Owner
ADMINCONTACT 1 1		1	The Administrative Contact
TECHCONTACT	1	1	The Technical Contact
BILLINGCONTACT 1		1	The Billing Contact
AUTHCODE	1	1	Auth-Code
X-EU-REGISTRANT-LANG	1	1	For .EU domain applications:
			Language of the domain registrant (used for registry emails)

The following request queries the status for application ID "44BB58E562C1109A". BASEURL?

 $s_login=reseller.com\&s_pw=secret\&command=statusdomainapplication\&application=44BB58E562C1109A$

The response is as follows: [RESPONSE] PROPERTY[CREATEDDATE][0]=2006-07-02 16:02:01 PROPERTY[UPDATEDATE][0]=2006-07-02 16:02:01 PROPERTY[NAMESERVER][0]=dns1.reseller.eu PROPERTY[NAMESERVER][1]=dns2.reseller.eu PROPERTY[BILLINGCONTACT][0]=P-ABC123 PROPERTY[TECHCONTACT][0]=P-ABC123 PROPERTY[STATUS][0]=PAID PROPERTY[OWNERCONTACT][0]=P-ABC123 PROPERTY[PERIOD][0]=1 PROPERTY[ADMINCONTACT][0]=P-ABC123 PROPERTY[CLASS][0]=EU_NEWLANDRUSH PROPERTY[DOMAIN][0]=reseller.com DESCRIPTION=Command completed successfully QUEUETIME=0 CODE=200 EOF

2.3.3.4 AddDomainApplication

Description

Add a new domain application.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
domain	required	Domain name	DOMAIN
period	required	Registration period in years	INTEGER
class	required	Application class (see 4.3)	TEXT
ownercontact0	required	The Registrant/Owner ID	CONTACT
admincontact0	required	The Administrative Contact ID	CONTACT
techcontact0	required	The Technical Contact ID	CONTACT
billingcontact0	required	The Billing Contact ID	CONTACT
nameserver0	required	Nameserver host 0	NAMESERVER [0]
nameserver1	required	Nameserver host 1	NAMESERVER [1]
nameserverN	optional	Nameserver host N	NAMESERVER [2N]

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
DOMAIN	1	1	Domain name
CLASS	1	1	Class application (see 4.3)
PERIOD	1	1	Registration period in years
STATUS	1	1	Current status of the application
CREATEDDATE	1	1	The creating date of the application
UPDATEDDATE	1	1	Last modification date of the application
NAMESERVER	1	Ν	Nameserver(s) used for the activation of the domain
OWNERCONTACT	1	1	The Registrant/Owner
ADMINCONTACT	1	1	The Administrative Contact
TECHCONTACT	1	1	The Technical Contact
BILLINGCONTACT	1	1	The Billing Contact
Application_ID	1	1	Application ID
X-EU-REGISTRANT-LANG	1	1	For .EU domain applications:
			Language of the domain registrant (used for registry
			emails)

The following request add an application for the domain "reseller.eu" in the .EU Landrush 2. https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=adddomainapplication&domain=reseller.eu w&period=1&

class=EU_NEWLANDRUSH&ownercontact0=P-ABC123&admincontact0=P-ABC123&techcontact0=P-ABC123&billingcontact0=P-ABC123&nameserver0=dns1.reselller.eu&nameserver1=dns2.reseller.eu

The response is as follows:

[RESPONSE] PROPERTY[CREATEDDATE][0]=2006-07-17 16:24:43 PROPERTY[UPDATEDATE][0]=2006-07-17 16:24:43 PROPERTY[NAMESERVER][0]=dns1.reseller.eu PROPERTY[NAMESERVER][1]=dns2.reseller.eu PROPERTY[BILLINGCONTACT][0]=P-ABC123 PROPERTY TECHCONTACT [0]=P-ABC123 PROPERTY[STATUS][0]=PAID PROPERTY[OWNERCONTACT][0]=P-ABC123 PROPERTY[AUTHCODE][0]=Reseller PROPERTY[PERIOD][0]=1 PROPERTY[ADMINCONTACT][0]=P-ABC123 PROPERTY[CLASS][0]=EU NEWLANDRUSH PROPERTY[X-EU-REGISTRANT-LANG][0]=en PROPERTY[DOMAIN][0]=reseller.eu PROPERTY APPLICATION ID][0]= e9e3d998-711b-102e-ad4d-0019b9e6143d DESCRIPTION=Command completed successfully QUEUETIME=0 EOF

2.3.3.5 DeleteDomainApplication

Description

Delete a domain application.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
application	required	Application ID	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

Example

The following command delete the domain application with the application-ID "44BB58E562C1109A" https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=deletedomainapplication& application=44BB58E562C1109A

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully EOF

2.3.3.6 PayDomainApplication

Description

Pay a domain application.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
application	required	Application ID	TEXT

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

2.3.4 Contact management commands

The following commands are used to check, create, manage and delete contact objects.

2.3.4.1 AddContact

Description

Create a new contact object, or return one with the same data.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user		User ID of the user as which the command shall be	TEXT
		executed (must be a subuser of s_login)	
command	required	Name of command to be executed	TEXT
title		optional Title	TEXT
firstname	required	First name	TEXT
middlename		Middle name	TEXT
lastname	required	Last name	TEXT
organization		Organization	TEXT
street	required	Street	TEXT
city	required	City	TEXT
state		State / Province	TEXT
zip	required	ZIP / Postal code	TEXT
country	required	2-letter ISO 3166 Country code	TEXT
phone	required	Phone number, international syntax	TEXT
fax		Fax number, international syntax	TEXT
email	required	Email address	TEXT
new	optional	May be 0 or 1, default=0. If new=1 then a new	INTEGER
		contact handle will be created, even if one with the	
		same data already exists.	
x-be-lang	optional	ONLY FOR REGISTRAR ACCOUNT	TEXT
		MANAGEMENT CUSTOMERS:	
		May be FR, EN or NL; defines the language of	
		contact handles or .BE domains	
x-be-vat	optional	ONLY FOR REGISTRAR ACCOUNT	TEXT
		MANAGEMENT CUSTOMERS:	
		The VAT ID of the contact of a .BE domain	

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
CONTACT	1	1	The new contact handle

Notes

• This command is used internally by the command substitution.

Example

The following requests a contact handle for John Doe:

https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=AddContact&firstname=John&lastname=Doe&organization=Acme+Inc.&street=123+Teststreet&city=Testcity&state=Myprovince&zip=12345&country=DE&phone=%2B49.6826123456&fax=%2B49.6826123457&email=john@doe.com

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully property[contact][0] = P-ABC123 EOF

2.3.4.2 ModifyContact

Description

Modify an existing contact handle.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall	TEXT
		be executed (must be a subuser of s_login)	
command	required	Name of command to be executed	TEXT
contact	required	The contact handle that will be modified	CONTACT
title	optional	Title	TEXT
firstname	optional	First name	TEXT
middlename	optional	Middle name	TEXT
lastname	optional	Last name	TEXT
organization	optional	Organization	TEXT
street	optional	Street	TEXT
city	optional	City	TEXT
state	optional	State / Province	TEXT
zip	optional	ZIP / Postal code	TEXT
country	optional	2-letter ISO 3166 Country code	TEXT
phone	optional	Phone number, international syntax	TEXT
fax	optional	Fax number, international syntax	TEXT
email	optional	Email address	TEXT
delete <i>N</i>	optional	Deletes the value of the given property, e.g.:	TEXT
		delete0 = FAX	
		Deletes the value of the property FAX	

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

The following updates the contact handle P-ABC123:

https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=ModifyContact& contact=P-ABC123&organization=Acme+International+Ltd.&street=Acmestreet+12&city=Testcity& state=Myprovince&zip=12345&country=DE&phone=%2B49.6826123456&fax=%2B49.6826123457&email=john@acme.com

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully EOF

2.3.4.3 StatusContact

Description

Query the status of a contact object.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
contact	required	The contact handle	CONTACT

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
CREATEDBY	1	1	Registrar that created the contact
CREATEDDATE	1	1	The creation date of the contact
UPDATEDBY	1	1	Registrar that updated the contact
UPDATEDDATE	1	1	Last modification date of the contact
TITLE	1	1	The title of the contact
FIRSTNAME	1	1	The first name of the contact
MIDDLENAME	0	1	The middle name of the contact
LASTNAME	1	1	The last name of the contact
ORGANIZATION	0	1	The organization of the contact
STREET	1	1	Street address
CITY	1	1	City
STATE	0	1	State or Province
ZIP	1	1	ZIP or Postal code
COUNTRY	1	1	2 letter ISO 3166 Country code
PHONE	1	1	Phone number
FAX	0	1	Fax number
EMAIL	1	1	Email address
USER	1	1	The user that manages this contact

The following request queries the status of the contact P-ABC123: https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=StatusContact& contact=P-ABC123

```
The response is as follows:
[RESPONSE]
code = 200
description = Command completed successfully
property[created by][0] = REGISTRAR
property[created date][0] = 2003-09-03 12:00:00
property[updated by][0] = REGISTRAR
property[updated date][0] = 2003-09-03 13:00:00
property[firstname][0] = John
property[lastname][0] = Doe
property[organization][0] = Acme International Ltd.
property[street][0] = Acmestreet 12
property[city][0] = Testcity
property[state][0] = Myprovince
property[zip][0] = 12345
property[country][0] = DE
property[phone][0] = +49.6826123456
property[fax][0] = +49.6826123457
property[email][0] = john@acme.com
property[user][0] = reseller.com
EOF
```

2.3.4.4 DeleteContact

Description

Delete an existing contact handle.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
contact	required	The contact handle that will be deleted	CONTACT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

Notes

• You can only delete contact handles that are not assigned to any other object

Example

The following deletes the contact handle P-ABC123: https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=DeleteContact& contact=P-ABC123

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully EOF

2.3.4.5 CloneContact

Description

The CloneContact command allows you to clone existing contacts.

Availability

All users have access to this command.

Input Parameters

Submit the request using the following syntax:

https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
contact	required	Contact handle which should be cloned	TEXT (e.g. P-ABC123)

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
CONTACT	1	1	The contact handle ID
STATUS	1	1	The status of the contact handle you cloned

2.3.4.6 QueryContactList

Description

Query a list of contacts.

Availability

All users have access to this command.

Input Parameters

Submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре	
s_login	required	Login ID of the user account	TEXT	
s_pw	required	Account password	TEXT	
s_user		User ID of the user as which the command shall	TEXT	
		be executed (must be a subuser of s_login)		
command	required	Name of command to be executed	TEXT	
userdepth	optional	Depth of the list, may be SELF, SUBUSER or ALL	TEXT	
contact	optional	Pattern for the contact ID, e. g. P-A*	TEXT	
title	optional	Pattern for the contact title, e. g. P-A*	TEXT	
firstname	optional	Pattern for the contact first name	TEXT	
middlename	optional	Pattern for the contact middle name	TEXT	
lastname	optional	Pattern for the contact last name	TEXT	
organization	optional	Pattern for the contact organization	TEXT	
street	optional	Pattern for the contact street	TEXT	
city	optional	Pattern for the contact city	TEXT	
state	optional	Pattern for the contact state	TEXT	
zip	optional	Pattern for the contact zip	TEXT	
country	optional	Pattern for the contact country	TEXT	
phone	optional	Pattern for the contact phone number	TEXT	
fax	optional	Pattern for the contact fax number	TEXT	
email	optional	Pattern for the contact email address	TEXT	
mincreateddate	optional	Search for: Minimal creating date	DATETIME	
maxcreateddate	optional	Search for: Maximal creating date	DATETIME	
minupdateddate	optional	Search for: Minimal update date	DATETIME	
maxupdateddate	optional	Search for: Maximal update date	DATETIME	
status	optional	Search for: e.g. status "DELETED"	TEXT	
orderby	optional	Sort by "CONTACT, CONTACTDESC, USER,	TEXT	
		USERDESC"		
first	optional	Index of the first entry to be returned INTEGER		
limit	optional	Max. number of entries to be returned INTEGER		
wide	optional	Return some additional object properties INTEGER		

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
CONTACT	1	Ν	The contact ID
CONTACTTITLE	1	Ν	The contact title (only returned if wide=1)
CONTACTFIRSTNAME	1	Ν	The contact first name (only returned if wide=1)
CONTACTMIDDLENAME	1	Ν	The contact middle name (only returned if wide=1)
CONTACTLASTNAME	1	Ν	The contact last name (only returned if wide=1)
CONTACTORGANIZATION	1	Ν	The contact organization (only returned if wide=1)
CONTACTSTREET	1	Ν	The contact street (only returned if wide=1)
CONTACTCITY	1	Ν	The contact city (only returned if wide=1)
CONTACTSTATE	1	Ν	The contact state (only returned if wide=1)
CONTACTZIP	1	Ν	The contact zip (only returned if wide=1)
CONTACTCOUNTRY	1	Ν	The contact country (only returned if wide=1)
CONTACTPHONE	1	Ν	The contact phone number (only returned if wide=1)
CONTACTFAX	1	Ν	The contact fax number (only returned if wide=1)
CONTACTEMAIL	1	Ν	The contact email address (only returned if wide=1)
USER	1	Ν	The user ID
PARENTUSER	1	Ν	The user ID of the parent user
STATUS	1	Ν	The status of the contact object
COUNT	1	1	The number of entries returned
FIRST	1	1	The index of the first entry
LAST	1	1	The index of the last entry
LIMIT	1	1	The query limit (max. number of entries returned)
TOTAL	1	1	The total number of entries found

Notes

 userdepth defines the depth of the returned list. SELF returns a list with only contacts of the user itself.

SUBUSER returns a list with contacts of all direct subusers. ALL returns a list with contacts of all subusers and all subusers below them.

• first and limit should be used to implement paging

Example

The following request queries a list of contacts of "reseller.com": https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=QueryContactList& userdepth=SELF&limit=1000

The response is as follows:

[RESPONSE] code = 200 description = Command completed successfully property[contact][0] = P-ABC123 property[user][0] = subreseller.com property[contact][1] = P-ABC123 property[user][1] = subreseller.com property[user][1] = reseller.com property[count][0] = 2 property[first][0] = 0 property[last][0] = 1 property[limit][0] = 1000 property[total][0] = 2 EOF

2.3.5 Nameserver management commands

The following commands are used to check, create, manage and delete nameserver hosts. Nameserver hosts need to be created if used as glue records.

E.g. reseller.com should have 2 nameservers, dns1.reseller.com and dns2.reseller.com: reseller.com. IN NS dns1.reseller.com. reseller.com. IN NS dns2.reseller.com.

In this case it is necessary to create these both nameserver hosts first using the AddNameserver request, if they are not already existing.

Only the user that is authorized to a domain may create nameserver hosts below this domain.

2.3.5.1 CheckNameserver

Description

Check a nameserver host for availability.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall	TEXT
		be executed (must be a subuser of s_login)	
command	required	Name of command to be executed	TEXT
nameserver	required	Name of the nameserver host	NAMESERVER

Code	Description
212	Nameserver is available
213	Nameserver is not available
541	One of the parameters was invalid

Property	min	max	Description
no properties are returned			

The following request checks the availability of "dns1.reseller.com": https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=CheckNameserver&nameserver=dns1.reseller.com

The response is as follows: [RESPONSE] code = 213 description = Nameserver not available EOF

2.3.5.2 AddNameserver

Description

Creates a Nameserver host in the registry.

If you own the domain "reseller.com" and the domain assigned NameServers short point to themselves , e.g. "dns1.reseller.com" and "dns2.reseller.com", then you must assign the IP-Addresses for "dns1.reseller.com" and "dns2.reseller.com" directly with the respective registry. This can been seens easily, as the regular WHOIS-Output provides this information as well.

In the event, that you wish to use our DNS-System and therefore use our NameServers for your own domains, then here are the IP-Addresses of our servers:

- dns1: 89.31.138.111
- dns2: 83.31.138.112
- dns3: 89.31.142.110

Availability

The parent domain of the nameserver must be within the user account.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
nameserver	required	Name of the nameserver host	NAMESERVER
ipaddressN	required	IP-address(es) of the nameserver host	IPADDRESS [113]

Returned Properties and Values

Code	Description
200	Command completed successfully
541	One of the parameters was invalid

Property	min	max	Description
no properties are returned			

Notes

- Please note that you can only add new nameservers!
- The domain must be registered with you in order to create nameserver hosts.

The following request creates the namesever host "dns1.reseller.com": https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=AddNameserver& nameserver=dns1.reseller.com&ipaddress0=123.123.123.123

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully EOF

2.3.5.3 ModifyNameserver

Description

Modifies a Nameserver host in the registry.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall	TEXT
		be executed (must be a subuser of s_login)	
command	required	Name of command to be executed	TEXT
nameserver	required	Name of the nameserver host	NAMESERVER
ipaddressN	required	New IP-address(es) of the nameserver host	IPADDRESS [113]

Returned Properties and Values

Code	Description
200	Command completed successfully
541	One of the parameters was invalid

Property	min	max	Description
no properties are returned			

Example

The following request modifies the namesever host "dns1.reseller.com":

https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=ModifyNameserver& nameserver=dns1.reseller.com&ipaddress0=123.123.123.124

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully EOF

2.3.5.4 StatusNameserver

Description

Query the status of a nameserver host.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
nameserver	required	Name of the nameserver host	NAMESERVER

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
CREATEDBY	1	1	Registrar that registered the domain
CREATEDDATE	1	1	The creation date of the domain
UPDATEDBY	1	1	Registrar that updated the domain
UPDATEDDATE	1	1	Last modification date of the domain
IPADDRESS	1	13	IP address of the nameserver host

Example

The following request queries the status of the namesever host "dns1.reseller.com": https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=StatusNameserver& nameserver=dns1.reseller.com

The response is as follows:

[RESPONSE] code = 200 description = Command completed successfully property[created by][0] = registrar property[created date][0] = 2001-08-21 09:09:00.0 property[updated by][0] = registrar property[updated date][0] = 2003-08-21 19:14:00.0 property[ipaddress][0] = 123.123.123.124 EOF

2.3.5.5 DeleteNameserver

Description

Deletes a Nameserver host in the registry.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be executed (must be a subuser of s_login)	TEXT
command	required	Name of command to be executed	TEXT
nameserver	required	Name of the nameserver host	NAMESERVER

Returned Properties and Values

Code	Description
200	Command completed successfully
541	One of the parameters was invalid

Property	min	max	Description
no properties are returned			

Notes

• The nameserver must not be linked with any domain name

Example

The following request deletes the namesever host "dns1.reseller.com": https://api.domainreselling.de/api/call.cgi?s_login=reseller.com&s_pw=secret&command=DeleteNameserver& nameserver=dns1.reseller.com

The response is as follows: [RESPONSE] code = 200 description = Command completed successfully EOF

2.4 DOMAIN Events and Workflows

The following events exist for DOMAINs:

Class	SubClass	Description
DOMAIN_REGISTRATION	REGISTRATION_SUCCESSFUL	Only for Not-real-time-Registry
	REGISTRATION_FAILED	
DOMAIN_MODIFICATION	MODIFICATION_SUCCESSFUL	Only for Not-real-time-Registry
	MODIFICATION FAILED	
DOMAIN_TRANSFER	TRANSFER_PENDING	Description follows below.
	TRANSFER_SUCCESSFUL	
	TRANSFER_FAILED	
	FOREIGN_TRANSFER_PENDING	
	FOREIGN_TRANSFER_SUCCESSFUL	
	FOREIGN_TRANSFER_FAILED	

TransferSubclasses and meaning:

TRANSFER_PENDING: Registry affirmed TransferDomain

TRANSFER_SUCCESSFUL: Registry finished Transfer; Domain is transferred. (probably other registrant has send ACK.)

TRANSFER_FAILED: Registry finished Transfer; Domain is not transferred. (probably other registrant has send NACK.)

FOREIGN_TRANSFER_PENDING:

Registry got a transfer request of another registrant for one of your domains; you have to call TransferDomain with action "approve" or "deny" to ACK or NACK this transfer request. There is no Auto-ACK/-NACK in the system yet. If you dont call TransferDomain the registry's policy is used. (e.g. Auto-ACK after 10 days of no reaction)

FOREIGN_TRANSFER_SUCCESSFUL:

Domain was successfully transferred to other registrant. The domain disappeared in your domain list.

FOREIGN_TRANSFER_FAILED: Domain was not transferred to other registrant. Probably you denied the transfer.

3. DNS

3.1 DNSZONE User Relations

The relations define the operational parameters of a user and can only be modified by its superordinate users. The most important use of relations is to defined the prices.

XIRCA currently supports the following relation types for DNSZONEs:

Relation type	Description
DNSZONE_EXTERNAL_RRS_INCLUDED	Number of ResourceRecords (RR) included in each dnszone
	(for a external domain)
DNSZONE_INTERNAL_RRS_INCLUDED	Number of ResourceRecords (RR) included in each dnszone
	(for a internal domain)
PRICE_CLASS_DNSZONE_EXTERNAL_ANNUAL	The annual fee for DNSZONE (for external domain)
PRICE_CLASS_DNSZONE_EXTERNAL_CURRENCY	The currency fee for DNSZONE (for external domain)
PRICE_CLASS_DNSZONE_EXTERNAL_RR_ANNUAL	The annual fee for each more ResourceRecord (RR) in a
	dnszone (for external domain)
PRICE_CLASS_DNSZONE_EXTERNAL_SETUP	The setup fee for DNSZONE (for external domain)
PRICE CLASS DNSZONE INTERNAL ANNUAL	The annual fee for DNSZONE (for internal domain)
PRICE CLASS DNSZONE INTERNAL CURRENCY	The currency fee for DNSZONE (for internal domain)
PRICE_CLASS_DNSZONE_INTERNAL_RR_ANNUAL	The annual fee for each more ResourceRecord (RR) in a
	dnszone (for internal domain)
PRICE_CLASS_DNSZONE_INTERNAL_SETUP	The setup fee for DNSZONE (for internal domain)

DNS zone for an internal domain means:

DNS zone and domain are assigned to the same user account. DNS zones which do not match this condition are billed as "EXTERNAL".

Prices are calculated according to the daily exchange rate of the ECB (European Central Bank, www.ecb.int), if the vserver relation currency and user account currency are different!

IMPORTANT: 1 month = 30.5 days (30.5 * 24 * 3600 seconds)

3.2 Commands

All DNSZONE related commands can be submitted through the default XIRCA API Gateways.

3.2.1 DNSZONE Commands

3.2.1.1 CreateDNSZone

Description

The command creates a new DNS zone for an existing domain.

Availability

The domain must be a registered object in XIRCA and must belong to yourself or to one of your subusers.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall	TEXT
		be executed (must be a subuser of s_login)	
command	required	Name of command to be executed	TEXT
dnszone	required	Name of the new zone	TEXT
soamname	optional	Master nameserver of the zone; default =	TEXT
		ns1.domain.com.	
soarname	optional	Responsible person (mailadress with "@"	TEXT
		substituted by ".") for the zone; default =	
		hostmaster.domain.com.	
soaserial	optional	Value that indicates the "actuality" of the SOA-	INTEGER
		Record to other nameservers. The soaserial	
		must be increased (or at least incremented) on	
		every	
		zoneupdate; default = 1	
soarefresh	optional	optional See the accordant RFC (listed below)	INTEGER
		for details; default = 86400	
soaretry	optional	optional See the accordant RFC (listed below)	INTEGER
		for details; default = 7200	
soaexpire	optional	See the accordant RFC (listed below) for details;	INTEGER
		default = 360000	
soaminttl	optional	See the accordant RFC (listed below); default =	INTEGER
		172800	
rr0, rr1, rr2,	optional	See the accordant RFC (listed below); default =	TEXT
1		172800	

Returned Properties and Values

Code	Description			
200	Command	Command completed successfully		
541	The comm	The command failed		
Property min max Description				
no properties are return	ned			

Example

By calling the API with the following parameters, a new DNS zone "domain.com" with the nameservers "pridns.domain.com" and "secdns.domain.com" is created. Furthermore the subdomains "www.domain.com" and "mail.domain.com" are declared and an MX-record is set to "mail.domain.com".

command = CreateDNSZone dnszone = domain.com. soattl = 3600soamname = pridns.domain.com. soarname = hostmaster.domain.com. soaserial = 1soarefresh = 86400soaretry = 7200soaexpire = 3600000 soaminttl = 172800 rr0 = @ IN NS pridns rr1 = (a) IN NS secons rr2 = domain.com. IN A 192.168.0.1 rr3 = domain.com. IN MX 100 mail.domain.com. rr4 = www IN A 192.168.0.1 rr5 = mail.domain.com. IN A 192.168.0.1

The response is as follows: [RESPONSE] code = 200 description=Command completed successfully EOF

Additional information:

In the example above you can see, that there is more than just one possibility for the synopsis of setting records by the rr-parameters.

In rr1, the "@" character stands as a placeholder for the zonename itself. (here: "domain.com.") In rr4 the target of the subdomain "www.domain.com." is definded. It would have also been possible to define "www.domain.com." in the same way as "mail.domain.com." is defined by rr5 and vice versa.

3.2.1.2 UpdateDNSZone

Description

With this command you can add, overwrite or remove records in a zone.

Availability

The DNS zone to modify must already exist.

Input Parameters

submit the request using the following syntax:

https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
s_user	optional	User ID of the user as which the command shall be	TEXT
		executed (must be a subuser of s_login)	
command	required	Name of command to be executed	TEXT
dnszone	required	Name of the zone that shall be modified.	TEXT
soamname	optional	Master nameserver of the zone	TEXT
soarname	optional	Responsible person (mailadress with "@" substituted	TEXT
		by ".") for the zone	
soaserial	optional	Value that indicates the "actuality" of the SOA-Record	INTEGER
		to other nameservers. The soaserial must be	
		increased (or at least incremented) on every	
		zoneupdate	
soarefresh	optional	See the accordant RFC (listed below) for details	INTEGER
soaretry	optional	See the accordant RFC (listed below) for details	INTEGER
soaexpire	optional	See the accordant RFC (listed below) for details	INTEGER
soaminttl	optional	See the accordant RFC (listed below) for details	INTEGER
addrr0, addrr1, addrr2,	optional	Add one or more new DNS records to the zone. The	TEXT
		existing records are not touched by this parameter.	
		The new records are appended to the existing ones.	
delrr0, delrr1, delrr2,	optional	Delete one or more DNS records	TEXT
rr0, rr1, rr2,	optional	When using "rr" as parameter in UpdateDNSZone, all	TEXT
		existing records (besides the SOA record of course)	
		will get deleted and replaced by the new records,	
		defined by rr0, rr1,	

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

The following API call performs a complete update of the records. The old records will be replaced during this action. Besides that, the soarname is updated in this example.

command = UpdateDNSZone dnszone = domain.com. rr0 = @ IN NS nameserver1 rr1 = @ IN NS nameserver2 rr2 = domain.com. 3600 IN A 192.168.0.1 rr3 = domain.com. IN MX 100 mx.domain.com. rr4 = mx.domain.com. IN A 192.168.0.1 rr5 = domain.com. 3600 IN A 192.168.0.1 rr6 = *.domain.com. 3600 IN A 10.10.0.1 soaserial = 2 soarname = postmaster.domain.com.

The response is as follows: [RESPONSE] code = 200 description=Command completed successfully EOF

This example shows how to add further records. Here, a new subdomain is created: command = UpdateDNSZone dnszone = domain.com. addrr0 = sub.domain.com. 3600 IN A 10.10.0.2

The next example shows, how you can delete single records:

command = UpdateDNSZone dnszone = domain.com. delrr0 = @ IN A 127.0.0.1

It's also possible to delete records using wildcards. In the following example all NS-records will be deleted with just one API call: command = UpdateDNSZone dnszone = domain.com. delrr0 = % NS

Note:

The parameters addrr0 and delrr0 can also be used to add or delete X-HTTP or X-SMTP records.

3.2.1.3 DeleteDNSZone

Description

The command deletes a DNS zone.

Availability

Always, if zone is present.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
command	required	Name of command to be executed	TEXT
dnszone	required	Name of the zone to be deleted	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

Example

The following command deletes the DNS zone "domain.com":

 $https://api.domainreselling.de/api/call.cgi?s_login=reseller.de\&s_pw=secret\&command=DeleteDNSZone\&dnszone=domain.com.deleteDNSZone_domain.com.deleteDNSZone_domain.com.deleteDNSZone_domain.com.deleteDNSZone_domain.com.deleteDNSZone_domain.com.deleteDNSZone_domain.com.deleteDNSZone_domain.com.deleteDNSZone_domain.com.deleteDNSZone_domain.com.deleteDNSZONE_domain.com.deleteDNSZONE_domain.com.deleteDNSZONE_domain.com.deleteDNSZONE_domain.com.deleteDNSZONE_domain.com.deleteDNSZONE_domain.com.d$

The response is as follows: [RESPONSE] code = 200 description=Command completed successfully EOF

3.2.1.4 StatusDNSZone

Description

Queries the status of an existing DNS zone.

Availability

Always, if zone is present.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
command	required	Name of command to be executed	TEXT
dnszone	required	Name of the zone to be deleted	TEXT

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
CREATEDDATE	Created date of the dnszone, e.g. "2003-12-23 18:11:48"
UPDATEDDATE	Last updated date of the dnszone, e.g. "2003-12-23 18:11:48"
SOATTL	TTL of the SOA record
SOAMNAME	MNAME of the SOA record
SOARNAME	RNAME of the SOA record
SOASERIAL	SERIAL of the SOA record
SOAREFRESH	REFRESH of the SOA record
SOARETRY	RETRY of the SOA record
SOAEXPIRE	EXPIRE of the SOA record
SOAMINTTL	MINTTL of the SOA record

The following command queries the DNS zone "domain.com": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret&command=StatusDNSZone& dnszone=domain.com.

The response is as follows:

[RESPONSE] code = 200 description=Command completed successfully property[created date][0] = 2003-12-23 18:11:48 property[updated date][0] = 2003-12-23 18:11:48 property[soa ttl][0] = 3600 property[soa ttl][0] = pridns.domain.com. property[soa rname][0] = hostmaster.domain.com. property[soa serial][0] = 1 property[soa refresh][0] = 86400 property[soa refresh][0] = 7200 property[soa expire][0] = 3600000 property[soa minttl][0] = 172800 EOF

3.2.1.5 FindDNSZone

Description

Searches for a certain DNS zone by nameserver name or IP address

Availability

Always, if zone is assigned to your user account.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
command	required	Name of command to be executed	TEXT
rdata	required	Name of one of the nameservers or IP address	TEXT
rtype	required	Type of DNS record, can be NS, A, MX,	TEXT

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
RR	List of the resource records, first record is always SOA
	·
3.2.1.6 QueryDNSZoneRRList

Description

Queries the resource records of an existing DNS zone.

Availability

Always, if zone is present.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
command	required	Name of command to be executed	TEXT
dnszone	required	Name of the zone to be deleted	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
RR	List of the resource records, first record is always SOA

Example

The following command queries the DNS zone "domain.com":

https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret&command=QueryDNSZoneRRList&dnszone=domain.com.

The response is as follows:

[RESPONSE] code = 200 description=Command completed successfully property[RR][0] = domain.com. 3600 IN SOA pridns.domain.com. hostmaster.domain.com. 1 86400 7200 3600000 172800 property[RR][1] = domain.com. 3600 IN NS pridns.domain.com. property[RR][2] = domain.com. 3600 IN NS secdns.domain.com. property[RR][3] = domain.com. 3600 IN A 192.168.0.1 property[RR][4] = domain.com. 3600 IN A 192.168.0.1 property[RR][5] = www.domain.com. 3600 IN A 192.168.0.1 property[RR][6] = mail.domain.com. 3600 IN A 192.168.0.1

3.2.1.7 QueryDNSZoneList

Description

Query a list of DNS zones.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax: https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret&command=command& parameter1=value1¶meter2=value2¶meter3=value3...

Parameter	Obligation	Definition	Туре
s_login	required	Login ID of the user account	TEXT
s_pw	required	Account password	TEXT
command	required	Name of command to be executed	TEXT
dnszone	optional	DNS Zone pattern, e.g. *24.com.	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	Description
DNSZONE	The dns zone

Example

The following command queries the DNS zone "domain.com": https://api.domainreselling.de/api/call.cgi?s_login=reseller.de&s_pw=secret&command=QueryDNSZoneList

The response is as follows: [RESPONSE] code = 200 description=Command completed successfully property[RR][0] = domain.com. property[RR][1] = test.com. EOF