

DOMAIN API Reference

Domain handling

Version 3.0
September 3, 2009

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1. Introduction

This manual describes the API commands for DOMAIN handling.

The manual arranges the commands into the following order:

- Domain management commands,
- Contact management commands,
- Nameserver management commands

The API itself is not object orientated, but object related and can be encapsulated into any OO language without much hassle.

If there are any errors or missing topics, please don't hesitate to contact us!

2. 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
ZONES	A comma separated list of zones the user has access to, e.g. ZONES:com,net,org,info,biz,cn,com.cn,net.cn,org.cn
PRICE_CLASS_DOMAIN_DOMAINCLASS_ANNUAL	The default annual fee for domains of the class <i>DOMAINCLASS</i> , 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_DOMAINCLASS_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_DOMAINCLASS_RENEWPERIOD	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 renew 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:
relationN = RELATIONTYPE:RELATIONVALUE

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.

3. 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

4. Commands

All requests are submitted using the following HTTP interface:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=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] = ...  
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 timezone UTC.

4.1 Command substitution

4.1.1 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+Teststreet&ownercontact0city=Testcity&ownercontact0state=Myprovince&
ownercontact0zip=12345&ownercontact0country=DE&ownercontact0phone=%2B49.6826123456&
ownercontact0fax=%2B49.6826123457&ownercontact0email=john@doe.com
```

admincontact0 is defined with a copy constructor:

```
admincontact0copy=ownercontact0
```

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

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=AddDomain&
domain=reseller.com&nameserver0=dns1.nameserver.com&nameserver1=dns2.nameserver.com.com&period=1&
ownercontact0firstname=John&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&
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.

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=ModifyDomain&
domain=reseller.com&nameserver0=dns1.nameserver.com&nameserver1=dns2.nameserver.com.com&
ownercontact0firstname=John&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.

4.2 Domain management commands

The following commands are used to check, create, manage, transfer and delete domain names. Commands for domain preregistrations (preregs) are also described.

4.2.1 CheckDomain

Description

Check a domain name for availability.

Availability

Your account must have the TLD of the domain name within the relation **ZONES**.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&
parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
x-idn-language	optional	If the domain is a IDN domain, you have to submit the IDN language tag with this parameter (e.g. DE for German IDN domains)	TEXT

Returned Properties and Values

Code	Description
210	Domain name is available
211	Domain name is not available
541	One of the parameters was invalid

Property	min	max	Description
no properties are returned			

Example

The following request checks the availability of "reseller.com":

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=CheckDomain&
domain=reseller.com
```

The response is as follows:

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

4.2.2 CheckDomains

Description

Check a list of domain names for availability.

Availability

Your account must have the TLDs of the domain names within the relation **ZONES**.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
domainN	required	Names of the domains	DOMAIN [0..31]
x-idn-language	optional	If the domain is a IDN domain, you have to submit the IDN language tag with this parameter (e.g. DE for German IDN domains)	TEXT

Returned Properties and Values

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

Property	min	max	Description
DOMAINCHECK	0	31	The result for the N-th domain, in the format: <code><space><description>

Example

The following request checks the availability of reseller.com, reseller.net, reseller.info and reseller.de:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=CheckDomains&domain0=reseller.com&domain1=reseller.net&domain2=reseller.info&domain3=reseller.de
```

The response is as follows:

```
[RESPONSE]
code = 200
description = Command completed successfully
property[domaincheck][0] = 211 Domain name not available
property[domaincheck][1] = 211 Domain name not available
property[domaincheck][2] = 211 Domain name not available
property[domaincheck][3] = 210 Domain name available
EOF
```

4.2.3 AddDomain

Description

Register a domain name.

Availability

Your account must have the relations **PRICE_CLASS_DOMAIN_DOMAINCLASS_SETUP** and **PRICE_CLASS_DOMAIN_DOMAINCLASS_ANNUAL** for the corresponding domain class.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
period	optional	Registration period: xY for x years xM for x months (please remark that "Y" and "M" are case sensitive)	TEXT
ownercontactN	required	Owner/Registrant-Contact(s)	CONTACT [1..1]
admincontactN	required	Admin-Contact(s)	CONTACT [1..3]
techcontactN	required	Tech-Contact(s)	CONTACT [1..3]
billingcontactN	required	Billing-Contact(s)	CONTACT [1..3]
nameserverN	optional	Nameserver hostnames	NAMESERVER [0..12]
transferlock	optional	transferlock=1 locks a domain immediately after creating it	INTEGER
auth	optional	Auth-Info code (min 6 letters, default = random string)	
x-aero-ens-auth-id	optional	To register .AERO through the XIRCA system, you have to specify two additional parameters - the .AERO ID and the respective password. You can apply for an .AERO ID on http://www.information.aero .	TEXT
x-aero-ens-auth-key	optional	To register .AERO through the XIRCA system, you have to specify two additional parameters - the .AERO ID and the respective password. You can apply for an .AERO ID on http://www.information.aero .	TEXT
x-asia-mainainerurl	optional	In order to register a .ASIA domain, this paramer can be used to display information about the maintainer, e.g. the provider of the domain, in the .ASIA whois	TEXT
x-asia-regagent-contact	optional	With this parameter, a contact handle can be used to display the provider or reseller through whose system the .ASIA domain has been registered	TEXT (CONTACT)

Parameter	Obligation	Definition	Type
x-asia-ced-contact	optional	Indicates which contact should be used as CED	TEXT (OWNER ADMIN TECH BILLING)
x-eu-accept-trustee-tac	optional	For .EU domains: Set this parameter to "1" to use our Trustee Contact Service for the Owner-C, if you can't provide a local presence in the EU	INTEGER
x-eu-registrant-lang	optional	Language of the .EU Domain registrant; possible values: cs da de el en es et fi fr hu it lt lv mt nl pl	TEXT
x-fr-accept-trustee-tac	optional	Enables our .FR Trustee Solution which sets our .FR trustee contact as contact person for the domain	TEXT
x-fr-registrant-birth-date	optional	Birth date of the registrant	DATE
x-fr-registrant-birth-place	optional	Birth place of the registrant	TEXT
x-fr-registrant-trademark-number	optional	Registration number of the registered trademark	TEXT
x-fr-registrant-legal-form	optional	Legal form of the entity (in case registrant is no natural person)	TEXT
x-fr-registrant-legal-form-other	optional	Other form than the possible values of the above parameter	TEXT
x-fr-registrant-legal-id	optional	ID of the registrant	TEXT
x-fr-registrant-jo-date-declaration	optional	Date of the declaration of the trademark registration	DATE
x-fr-registrant-jo-date-number	optional	Number of the trademark date registration	INT
x-fr-registrant-jo-date-page	optional	Page of the trademark date registration	INT
x-fr-registrant-jo-date-publication	optional	Date of publication of the trademark registration	DATE
x-idn-language	optional	If domain is a IDN domain, please state the IDN language Code	TEXT
x-it-pin	optional	Taxpayer number for .IT domain registrations	TEXT
x-it-consentforpublishing	optional	State if you agree to the .IT Consent for Publishing	INT (1 / 0)
x-jobs-companyurl	optional	Company URL for .JOBS	TEXT
x-jobs-industryclassification	optional	Industry Classification for .JOBS	INTEGER
x-jobs-hrname	optional	Human Resources Association name for .JOBS	TEXT
x-name-noemail	optional	Only applies to .NAME registration (1 = Yes / 0 = No)	INTEGER
x-name-emailforward	optional	.NAME eMail Forwarding	EMAIL
x-nicse-idnumber	optional	Personal Identity Number, needed for registration of SE domains (Sweden)	TEXT
x-nicse-vatid	optional	VAT ID of the registrant	TEXT
x-nl-accept-trustee-tac	optional	For .NL domains: Set this parameter to "1" to use our Trustee Contact Service for the Owner-C, if you can't provide a local presence in the Netherlands.	INTEGER

Parameter	Obligation	Definition	Type
x-pl-reason	optional	.PL Reason of registration	TEXT
x-pro-registrationtype	optional	Type of .PRO registration	TEXT
x-pro-redirect	optional	Can be used to enter a REDIRECT of a SecondLevelRedirecting .PRO domain to a Third-Level-Domain	TEXT
x-pro-activation	optional	Necessary for the activation of a .PRO Third-Level-Resolving domain after creating a A/V record.	TEXT
x-pro-pw	optional	Necessary for the activation of a .PRO Third-Level-Resolving domain after creating a A/V record.	TEXT
x-pro-roid	optional	Necessary for the activation of a .PRO Third-Level-Resolving domain after creating a A/V record.	TEXT
x-pro-trademarkname	optional	The name of the registered trademark	TEXT
x-pro-trademarkjurisdiction	optional	The Country in which the jurisdiction for the trademark applies	TEXT (Country-Code)
x-pro-trademarkdate	optional	The registration date of the registered trademark	DATE
x-pro-trademarknumber	optional	The registration number of the registered trademark	TEXT
x-pro-accept-tou	optional	State if you accept the .PRO Registry TOU	INT (1 / 0)
x-sg-rcbid	optional	Companies located in Singapore must enter their registration number	TEXT
x-travel-uin	optional	In order to register .travel domains the registrant has to provide a UIN "Unique Identification Number". The UIN can be provided to the registrant through an Association Authentication Partner (a list of AAPs can be viewed under http://www.tralliance.info/authentication.htm).	TEXT
x-us-nexus-apppurpose	optional	Nexus-AppPurpose for .US Domains, possible values: P1 P2 P3 P4 P5	TEXT
x-us-nexus-category	optional	Nexus-Category for .US Domains, possible values: C11 C12 C21 C31 C32	TEXT
x-us-nexus-validator	optional	Nexus-Validator (country) for .US Category C31 and C32	TEXT
x-whois-url	optional	URL to display in our whois	TEXT
x-whois-rsp	optional	RSP name to display in our whois	TEXT
x-whois-banner0	optional	Text to display in our whois (e.g. Advertising campaign)	TEXT
x-whois-banner1	optional	Text to display in our whois (e.g. Advertising campaign)	TEXT
x-whois-banner2	optional	Text to display in our whois (e.g. Advertising campaign)	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
REGISTRATIONEXPIRATIONDATE	1	1	The registration expiration date
STATUS	1	1	The current registration status

Notes

- The contact parameters of this command can be substituted
- If the STATUS property is “REQUESTED” or “PROCESSING”, then the domain has not yet been registered, but awaits confirmation by the registry. Poll the Event queue for any incoming information.

Example

The following request registers the domain “reseller.com” for 2 years:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=AddDomain&period=2&
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
property[status][0] = ACTIVE
property[registration expiration date] = 2004-09-04 12:30:00
EOF
```

4.2.4 ModifyDomain

Description

Modify a domain name.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
ownercontactN	optional	Owner/Registrant-Contact(s)	CONTACT [1..1]
admincontactN	optional	Admin-Contact(s)	CONTACT [1..3]
techcontactN	optional	Tech-Contact(s)	CONTACT [1..3]
billingcontactN	optional	Billing-Contact(s)	CONTACT [1..3]
nameserverN	optional	Nameserver hostnames	NAMESERVER [0..12]
auth	optional	Auth-Info code (min 6 letters)	TEXT
addstatusN	optional	Add a status flag e.g. registrar-lock: Lock a .COM/.NET domain (providerlock) ClientTransferProhibited: Lock all other TLDs (providerlock)	TEXT
delstatusN	optional	Delete a status flag e.g. registrar-lock: Lock a .COM/.NET domain (providerlock) ClientTransferProhibited: Lock all other TLDs (providerlock)	TEXT
x-...	optional	See command "AddDomain" for these optional parameters	

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

Notes

- The contact parameters of this command can be substituted

Example

The following request modifies the domain "reseller.com":

```
BASE-URL?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
```

4.2.5 StatusDomain

Description

Query the status of a domain name.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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

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
REGISTRAR	1	1	Current sponsoring registrar
REGISTRATIONEXPIRATIONDATE	1	1	The registration expiration date
REGISTRARTRANSFERDATE	0	1	The last transfer date
STATUS	1	N	The current registration status
OWNERCONTACT	1	1	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	The Auth-Info Code
USER	1	1	The user that manages this domain
RENEWALMODE	1	1	Indicates how the domain will be renewed
TRANSFERMODE	1	1	Indicates how the domain will be transferred
RENEWALDATE	1	1	Date of next renewal

Example

The following request queries the status of the domain “reseller.com”:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=StatusDomain&domain=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[registrar][0] = registrar
property[registration expiration date][0] = 2004-08-21 09:09:00.0
property[registrar transfer date][0] = 2003-08-21 00:12:00.0
property[status][0] = ACTIVE
property[nameserver][0] = DNS1.NAMESERVER.COM
property[nameserver][1] = DNS2.NAMESERVER.COM
property[user][0] = reseller.com
EOF
```

4.2.6 DeleteDomain

Description

Delete a domain name.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&
parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
x-at-scheduledate	optional	For .AT: deletion at the end of the term ("expiration") or immediately ("now") ; default behavior if parameter is not given: expiration	TEXT (EXPIRATION NOW)

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 "reseller.com":

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=DeleteDomain&
domain=reseller.com
```

The response is as follows:

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

4.2.7 TradeDomain

Description

Trade is for changing registrant informations for certain TLDs. E.g. it is not possible to simply update the registrant information beneath a .EU Domain.

From a technical standpoint a trade includes a transfer, or if the registrar does not change, an authorization request between registry and the old and new registrant. If it is successful, the registrant changes and the registration period is reset.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&
parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
ownercontact0	required	Contact handle of the new domain owner	TEXT
x-it-pin	optional	May be required for .IT ownerchanges	TEXT
x-eu-accept-trustee-tac	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
x-nl-accept-trustee-tac	optional	For .NL domains: Set this parameter to "1" to use our Domicile Contact Service for the Owner-C, I you can't provide a domicile address in the Netherlands	INTEGER
x-nicse-idnumber	optional	For .SE domains: contains the personal or company ID of Swedish entities or an equivalent ID number for non-Swedis entities	TEXT
action	optional	May be "cancel" to cancel a running trade	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 can be called for requesting the registrant change of the domain "reseller.eu" using contact data from handle "P-ABC123":

```
BASE-URL?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
```

4.2.8 ActivateDomainTrade

Description

The ActivateDomainTrade command is used to approve a domain trade, which requires the active participation of the registrar or repository owner (e.g. for .AT domains).

If a customer initiates a Trade for such a domain, the Trade will not be submitted to the registry until the registrar or repository owner activates it using this command.

Availability

The command can only be executed by registrars or owners of domain repositories.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
trigger	optional	Repository trigger code	TEXT
repository	optional	Repository name	TEXT

Returned Properties and Values

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

4.2.9 PushDomain

Description

With this command a domain can be “pushed to the registry”. This feature currently works for .DE domains [DENIC Transit (<http://transit.denic.de>)], .UK domains (.UK detagging) and .AT domains (.AT Billwithdraw).

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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	Target, default: “transit”	TEXT

Returned Properties and Values

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 “reseller.com”. The domain will be pushed to the .DE registry (denic). The registrant will be contacted directly by the registry.

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=PushDomain&domain=reseller.com&target=transit
```

The response is as follows:

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

4.2.10 SyncDomain

Description

By using this command, users with an own domain repository can synchronize the properties of a domain with the registry database, in case that the properties went out-of-sync.

Availability

This command is only available to users which hold their own domain repository and are accredited member of the respective registry themselves.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

4.2.11 SetDomainRenewalMode

Description

Set the renewal mode of a single domain. With this command you can choose what is going to happen with the domain after the registration expiration date.

Availability

Always.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
renewalmode	required	AUTORENEW (default), AUTOEXPIRE or AUTODELETE	TEXT
period	optional	DEFAULT (for the most domains: 1 year) xY (for x years) xM (for x months) (please remark that "Y" and "M" are case sensitive!)	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

Notes

- AUTOEXPIRE: Some Registries offer to "give back" a domain to the registry itself (i.e. deNIC's "TRANSIT"). If the renewalmode of a .DE domain is set to AUTOEXPIRE the domain is pushed into TRANSIT after the expirationdate. If set to AUTODELETE it will be closed. For all other registries that don't offer a TRANSIT (or similar) there is no difference between AUTOEXPIRE and AUTODELETE.
- The DEFAULT is AUTORENEW.

Example

The following deletes the domain “reseller.com”:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=SetDomainRenewalMode&
domain=reseller.com
```

The response is as follows:

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

4.2.12 Excursion: Set default renewal mode for a certain domain class

It is possible to set a default renewal mode for a user account for one certain domain class, e.g. .COM. This default renewal mode applies to all domains of that class registered or transferred to the respective user account, but can also be set for each single domain directly with the command `SetDomainRenewalMode`.

To use this function, a certain environment key has to be inserted into the environment database:

`_system/defaults/renewalmode/domain/<domain class>`

Possible values for this environment key are `RENEW` or `DELETE`.

The following example sets the default renewal mode for .EU domains to `DELETE`:

```
command = SetEnvironment
environmentname=_system/defaults/renewalmode/domain/BE
environmentvalue=DELETE
```

Additional information regarding the command `SetEnvironment` can be found in the [Core API Documentation](#).

Additionally, an absolute default renewal mode can be set which applies to all domains, not only to single domain classes. It can also be set by a certain environment key:

`_system/defaults/renewalmode`

Possible values for this environment key are `RENEW` or `DELETE`.

The following example sets the absolute default renewal mode for a certain user account to “`RENEW`”:

```
command = SetEnvironment
environmentname=_system/defaults/renewalmode
environmentvalue=RENEW
```

4.2.13 PayDomainRenewal

Description

Pay renewal of a single domain. Set the PAIDUNTILDATE of a domain according to the given renewal period.

If domain is paid (as given by PAIDUNTILDATE) it will be renewed automatically when registry's EXPIREDATE is reached.

Availability

Always.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
period	optional	Renewal period in years, default = 1	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

4.2.14 RenewDomain

Description

RenewDomain explicitly renews a domain at the registry, if possible (if the registry supports this function).

Availability

Always.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
period	optional	Renewal period in years, default = 1	TEXT
expiration	optional	Year of expiration of the domain	INT
x-travel-uin	optional	Only necessary for .TRAVEL domains	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
EXPIRATIONDATE	1	1	New expiration date of the domain

4.2.15 TransferDomain

Description

Request a registrar transfer, or approve or deny a foreign registrar transfer.

Availability

Your account must have the relation **PRICE_CLASS_DOMAIN_DOMAINCLASS_TRANSFER** for the corresponding domain class if you want to request a registrar transfer.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
period	optional	renewal period (FOR .DE DOMAINS ONLY), can be 1, 2, 3, ... or 1M for monthly billed domains	TEXT
action	optional	Action, may be "request", "usertransfer", "cancel", "approve" or "deny". The default value is "request".	TEXT
auth	optional	Auth-Info code, required for some TLDs	TEXT
emailsender	optional	For some registries/ TLDs emails are sent during the domain transfer process. This parameter specifies the sender address of this email. The default value comes from the environment key "user-info/contact/public/email".	TEXT
requestentity	optional	Organization requesting the transfer. The default value comes from the environment key "user-info/contact/company/organization".	TEXT
emailtac	optional	For some registries/ TLDs a email is sent during the domain transfer process. This email can contain the TAC. This flag enables/ disables this feature. The default value comes from the environment key "_system/gtld/transfer/tac".	TEXT
emailurl	optional	For some registries/ TLDs a email is sent during the domain transfer process. This email can include an URL with further informations. This URL can be specified by this parameter. The default value comes from the environment key "_system/gtld/transfer/url".	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"	TEXT
nameserverN	optional	for .NL transfer requests only	TEXT

Returned Properties and Values

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			

Example

The following requests a registrar transfer for the domain "reseller.com":

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=TransferDomain&
domain=reseller.com&auth=secret123
```

The response is as follows:

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

4.2.16 AddDomainAVRecord

Description

This command adds an A/V record to a domain. A domain type which e.g. needs this record is .PRO.

Availability

All users have access to this command, while the command only applies to .PRO domains. Customers who manage their own domain repository may use the parameters “repository” and “contact” instead of “domain”.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
OR			
repository	required	Name of the domain repository of the customer	TEXT
contact	required	Owner contact handle for which the AV record should be created	TEXT (CONTACT)

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Example

```
command = AddDomainAVRecord
domain=mydomain.pro
```

The response is as follows:

```
CREATEDDATE      2008-09-16T07:44:31
AVID              p-abc123-av
ROID              AV37824-RSC
AVURL             https://av.registrypro.pro?avid=p-abc123-av&avm5=2968bdcb4e9ccd4b7ef87bc058809b9
```

4.2.17 CheckDomainAVRecord

Description

This command checks the availability of an AV record for a domain. A domain type which e.g. needs this record is .PRO.

Availability

All users have access to this command, while the command only applies to .PRO domains.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
repository	required	Domain repository	TEXT
avid	required	AVID of the AV record	TEXT

Returned Properties and Values

Code	Description
216	Object available
217	Object not available

4.2.18 StatusDomainAVRecord

Description

This command checks the status of the AV record of a domain. A domain type which e.g. needs this record is .PRO.

Availability

All users have access to this command, while the command only applies to .PRO domains. Customers who manage their own domain repository may use the parameter "avid" instead of "domain".

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
OR			
avid	required	The AVID of the AV record	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Example

```
command = StatusDomainAVRecord
domain=mydomain.pro
```

The response is as follows:

```
CREATEDDATE      2008-09-16T14:29:20
CONTACT          P-ABC123-WXYZ
ROID            AV37985-RSC
AVID            p-abc123-av
HOST            registryTK-registryUI
CREATEDDBY      registrar
AVURL           https://av.registrypro.pro?avid=p-abc123-
av&avm5=2c799265871e22e8e7569924385c670c
UPDATEDBY       registrar
TYPE            Individual-Pro-OOB
```

4.2.19 CheckDomainTransfer

Description

Check, if a domain transfer of a gTLD (.com/.net/.org/....) is applicable. The command also gives you back further information like the total age of the requested domain.

Availability

Only for gTLDs (generic Top-Level-Domains, like .com/.net/...)

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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

Returned Properties and Values

Code	Description
218	Transfer is available
219	Transfer not possible; domain is locked
531	Authorization failed
541	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

Example

The following requests if a transfer of the domain “reseller.com” is applicable:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=CheckDomainTransfer&
domain=reseller.com
```

The response is as follows:

```
[RESPONSE]
code = 219
description = Request is not available; domain is locked
registrar = ...
whoisserver = whois.theregistrar.net
createddate = 2004-01-05 13:27:55
ageindays = 284
transferlock = 1
admincontactname = Firstname Lastname
admincontactemail = info@reseller.com
admincontactlanguage = en_US

EOF
```

4.2.20 StatusDomainTransfer

Description

Query our log files to gather information on a running domain transfer. The command gives you back log information like when and to whom (name and emailaddress of the admin-c) the transfer email has been sent, if the Admin-C has already confirmed the transfer email or not and so on.

Availability

Only for gTLDs (generic Top-Level-Domains, like .com/.net/...) and only for own domain transfers.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&
parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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

Returned Properties and Values

Code	Description
200	Command completed successfully
531	Authorization failed
541	The command failed

Property	min	max	Description
TRANSFERLOG	1	1	The original log entries, separated by newlines.
TRANSFERSTATUS	1	1	Status, i.e. "PENDING"

Example

The following requests queries status information on the transfer of "reseller.com":

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=StatusDomainTransfer&
domain=reseller.com
```

The response is as follows:

```
[RESPONSE]
code = 200
description = Command completed successfully
transferstatus = WHOIS_SUCCESSFUL
transferlog = 2005-10-20 07:14:25 [REQUESTED] transfer of domain reseller.com to
VERISIGN-GRS/keysys requested by reseller
2005-10-20 07:37:22 [EMAIL_SENT] email sent to 'owner' [webmaster@reseller.com]

EOF
```

4.2.21 ActivateDomainTransfer

Description

The ActivateDomainTransfer command is used to approve or reject a domain transfer which requires the active participation of the registrar or repository owner (e.g. all gTLDs).

If a gTLD transfer is initiated, our system sends a FOA (Form Of Authorization) email to the registrant by default, which contains a confirmation link. This link leads to a white-labelled site where the customer either can accept or reject the transfer. If a reseller or a customer with its own domain repository does not want to use this FOA email function, he may use ActivateDomainTransfer to build his own confirmation solution which he may offer to his own customers.

Availability

The command can only be executed by registrars or owners of domain repositories.

If you are no repository owner, you have to submit the respective repository and trigger code.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
trigger	optional	Repository trigger code	TEXT
repository	optional	Repository name	TEXT
action	optional	Action to be performed; possible values: REQUEST APPROVE REJECT DENY	TEXT

Returned Properties and Values

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

4.2.22 SendDomainITLar

Description

If the registration or transfer fax form of a .IT domain was not readable or filled out wrong, the registry requires a new one. Using this command, this form can be sent again.

Availability

The command only applies for .IT domains. Furthermore, it can only be executed if

- the executor is the owner (or parent user) of the domain (in case of using it to re-generate a creation form)
- the executor is the owner (or parent user) of the transfer object (in case of using it to re-generate a transfer form)
- the executor is owner of its own domain repository, using its repository trigger code

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
trigger	optional	Repository trigger code	TEXT
repository	optional	Repository name	TEXT
Additionally, all parameters of a .IT AddDomain may be submitted			

Returned Properties and Values

Code	Description
200	Command completed successfully
531	Authorization failed
541	The command failed

4.2.23 GetDomainTransferInfo

Description

The GetDomainTransferInfo command collects information about a domain which may later be transferred. The response contains important information which may be needed to initiate a transfer, e.g. the regCode for .IT domains, which is not visible in the public WHOIS.

In general, this information only is available using the Registrar WHOIS. For RegistrarOC customers, this command may be used.

Availability

This command currently works only for .IT and .ES domains, and is only available for users which have their own domain repository.

Input Parameters

Submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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	requires	Name of the domain	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Example

```
command = GetDomainTransferInfo
domain = example.es
```

Response

```
code = (CODE)
property[domain][0] = expamle.es
property[admincontact][0] = D12345-ESNIC-14
property[techcontact][0] = D12345-ESNIC-14
property[billingcontact][0] = D12345-ESNIC-14
property[nameserver][0] = ns1.example.com
property[nameserver][1] = ns2.example.com
property[nameserver][2] = ns3.example.com
property[status][0] = ACTIVE
property[createddate][0] = 2005-11-10 00:00:00.01
property[expirationdate][0] = 2009-11-10 00:00:00.01
property[x-es-registrant][0] = Expample GmbH
property[x-es-autorenew][0] = false
property[registrar][0] = EXAMPLNIC
```

4.2.24 DENIC_CreateAuthInfo1

Description

This command is used to create an AuthInfo1, an Authorization Code for a .DE domain, which is need in order to transfer a .DE domain to another registrar which supports the AuthInfo transfer procedure for .DE domains.

Availability

All users have access to this command, but it applies only for .DE domains.

Input Parameters

Submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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	TEXT
auth	optional	Using this parameter you can set your own AuthInfo instead of lettin us generate a random code	TEXT
x-de-authinfo1-expirationdate	optional	You may set a date on which the AuthInfo1 expires. If you don't use this parameter, we will set a standard expiration date	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
549	The command failed

Property	min	max	Description
X-DE-AUTHINFO1-EXPIRATIONDATE	1	1	The expiration date of the AuthInfo1

4.2.25 DENIC_CreateAuthInfo2

Description

This command is used to let the DENIC generate the AuthInfo2 for a .DE domain.

Availability

All users have access to this command, but it applies only for .DE domains.

Input Parameters

Submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
549	The command failed

4.2.26 DENIC_DeleteAuthInfo1

Description

You may use this command to delete an existing AuthInfo1 of a .DE domain.

Availability

All users have access to this command, but it applies only for .DE domains.

Input Parameters

Submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
549	The command failed

4.2.27 QueryDomainList

Description

Query a list of domains.

Availability

All users have access to this command.

Input Parameters

Submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
zone	optional	If set to "1", only domains with a DNS zone are showed	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-expirationdate	optional	Search for: Minimal registration expiration date	DATETIME
maxregistration-expirationdate	optional	Search for: Maximal registration expiration date	DATETIME
status	optional	Search for: domain status	TEXT
transferlock	optional	Search for: transferlock	INTEGER
x-trustee	optional	Search for: Trustee Domains	INTEGER (0 / 1)
orderby	optional	Sort by "DOMAIN, DOMAINDESC, USER, USERDESC, CREATEDDATE, CREATEDDATEDESC, UPDATEDDATE, UPDATEDDATEDESC, REGISTRATIONEXPIRATIONDATE, REGISTRATIONEXPIRATIONDATEDESC, REGISTRAR, REGISTRARDESC"	TEXT
domainsubclass	optional	Show only domains with these subclasses (syntax: COM. [beware the "." at the END of the TLD])	TEXT
renewalmode	optional	Show only renewalmode (EXPIRE/DELETE/RENEW)	TEXT
wide	optional	If set to "1": verbose output	INTEGER
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	N	The domain name
USER	1	N	The user ID
PEERUSER	1	1	String with all users in the user chain
PARENTUSER	1	N	The user ID of the parent user
DOMAINCREATEDDATE	1	N	Creation date of the domain
DOMAINCREATEDBY	1	N	Registrar that created the contact
DOMAINUPDATEDDATE	1	N	Last modification date of the domain
DOMAINUPDATEDBY	1	N	Registrar that updated the domain
DOMAINREGISTRAR	1	N	Current sponsoring registrar
DOMAINREGISTRATION-EXPIRATIONDATE	1	N	The registration expiration date
DOMAINREGISTRARTRANSFER-DATE	1	N	The last transfer date
DOMAINOWNERCONTACT	1	N	The Registrant/Owner
DOMAINADMINCONTACT	1	N	The Administrative Contact
DOMAINTECHCONTACT	1	N	The Technical Contact
DOMAINBILLINGCONTACT	1	N	The Billing Contact
DOMAINRENEWALMODE	1	1	Renewalmode see command "SetDomainRenewalMode"
DOMAINTRANSFERLOCK	1	1	Shows if a transferlock is active or not
DOMAINNAMESERVERN	1	N	Shows the nameservers of the domain
DOMAINUMLAUT	1	N	Shows the domain written in IDN
DOMAINCONFIGCLASS	1	N	Shows the config class (e.g. DE) of a domain
DOMAINAUTH	1	N	Authorization code of the domain
DOMAINSTATUS	1	N	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 the user itself. SUBUSER returns a list with domains of all direct subusers. ALL returns a list with domains 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 domains of “reseller.com”:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=QueryDomainList&userdepth=SELF
```

The response is as follows:

```
[RESPONSE]
code = 200
description = Command completed successfully
property[domain][0] = domainname.com
property[user][0] = reseller.com
property[parent user][0] = parentuser.com
property[domain][1] = mydomain.info
property[user][1] = reseller.com
property[parent user][1] = parentuser.com
property[domain][2] = testdomain.de
property[user][2] = reseller.com
property[parent user][2] = parentuser.com
property[count][0] = 3
property[first][0] = 0
property[last][0] = 2
property[limit][0] = 1000
property[total][0] = 3
EOF
```

4.2.28 QueryExtendedDomainList

Description

Query a list of domains, along with several additional information parameters.

Availability

All users have access to this command.

Input Parameters

Submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
zone	optional	If set to "1", only domains with a DNS zone are showed	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-expirationdate	optional	Search for: Minimal registration expiration date	DATETIME
maxregistration-expirationdate	optional	Search for: Maximal registration expiration date	DATETIME
status	optional	Search for: domain status	TEXT
x-trustee	optional	Search for: Trustee Domains	INTEGER (0 / 1)
orderby	optional	Sort by "DOMAIN, DOMAINDESC, USER, USERDESC, CREATEDDATE, CREATEDDATEDESC, UPDATEDDATE, UPDATEDDATEDESC, REGISTRATIONEXPIRATIONDATE, REGISTRATIONEXPIRATIONDATEDESC, REGISTRAR, REGISTRARDESC"	TEXT
assigned	optional	Shows either all assigned or all unassigned (transfer/trades) domains (may be 0 or 1)	INTEGER
domainsubclass	optional	Show only domains with these subclasses (syntax: COM. [beware the "." at the END of the TLD])	TEXT
renewalmode	optional	Show only renewalmode (EXPIRE/DELETE/RENEW)	TEXT
wide	optional	If set to "1": verbose output	INTEGER
first	optional	Index of the first entry to be returned	INTEGER

Parameter	Obligation	Definition	Type
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	N	The domain name
USER	1	N	The user ID
PEERUSER	1	1	String with all users in the user chain
PARENTUSER	1	N	The user ID of the parent user
DOMAINCREATEDDATE	1	N	Creation date of the domain
DOMAINCREATEDBY	1	N	Registrar that created the contact
DOMAINUPDATEDDATE	1	N	Last modification date of the domain
DOMAINUPDATEDBY	1	N	Registrar that updated the domain
DOMAINEXPIRATIONDATE	1	N	The expiration date within our renewal system
DOMAINREGISTRAR	1	N	Current sponsoring registrar
DOMAINREGISTRATION-EXPIRATIONDATE	1	N	The registration expiration date
DOMAINREGISTRARTRANSFER-DATE	1	N	The last transfer date
DOMAINACCOUNTINGDATE	1	N	The date when the renewal account will get created
DOMAINFAILUREDATE	1	N	The failure date of the domain
DOMAINFINALIZATIONDATE	1	N	The finalization date of the domain
DOMAINPAIDUNTILDATE	1	N	The date until the domain is paid
DOMAINNEXTACTIONDATE	1	N	The date of the next action to be performed
DOMAINNEXTACTION	1	N	The next renewal action of the domain
DOMAINRENEWALPERIOD	1	N	The renewal period of the domain
DOMAINPREPAIDPERIOD	1	N	The prepaid period of the domain
DOMAINOWNERCONTACT	1	N	The Registrant/Owner
DOMAINADMINCONTACT	1	N	The Administrative Contact
DOMAINTECHCONTACT	1	N	The Technical Contact
DOMAINBILLINGCONTACT	1	N	The Billing Contact
DOMAINRENEWALMODE	1	1	Renewalmode see command "SetDomainRenewalMode"
DOMAINTRANSFERLOCK	1	1	Shows if a transferlock is active or not
DOMAINNAMESERVERN	1	N	Shows the nameservers of the domain
DOMAINUMLAUT	1	1	Shows the domain written in IDN
DOMAINCONFIGCLASS	1	1	Shows the config class (e.g. DE) of a domain
DOMAINAUTH	1	1	Authorization code of the domain
DOMAINHOST	1	N	String showing the hosts assigned to the domain
DOMAINNAMESERVER	1	N	String showing the nameservers of the domain
DOMAININTERNALNAMESERVER	1	N	String showing the internal nameservers of the domain
DOMAINSTATUS	1	N	Status of the domain
DOMAINALERT	1	N	Shows if domain has DomainAlert or not (1 or 0)
DNSZONEWWWTARGETDATA	1	N	If a DNS zone exists to the domain, this shows the target of the URL
DNSZONECONFIGCLASS	1	N	The config class of the DNS zone

Property	min	max	Description
DNSZONEWWWTARGETTYPE	1	N	The type of target (e.g. A) configured in the DNS zone of the domain
TRANSFER	1	N	Shows if the list entry is a domain or a transfer (1 or 0)
DNSZONE	1	N	Shows if the domain also has a DNS zone
ASSIGNED	1	N	Shows if the domain is assigned or not (1 or 0)
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

4.2.29 QueryTransferList

Description

Query a list of incoming domain transfers.

Availability

All users have access to this command.

Input Parameters

Submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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 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 created between mincreateddate and maxcreateddate	TEXT (DATETIME)
maxcreateddate	optional		

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
DOMAIN	1	N	The domain name
USER	1	N	The user ID
PARENTUSER	1	N	The user ID of the parent user
PEERUSER	1	N	The string of user ID's that shows the subuser chain
CREATEDDATE	1	N	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 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.
- first and limit should be used to implement paging

Example

The following request queries all domain transfers of “reseller.com”:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=QueryTransferList&userdepth=ALL
```

The response is as follows:

```
[RESPONSE]
code = 200
description = Command completed successfully
property[domain][0] = customer1.com
property[user][0] = subreseller.com
property[parent user][0] = reseller.com
property[count][0] = 1
property[first][0] = 0
property[last][0] = 0
property[limit][0] = 1000
property[total][0] = 1
EOF
```

4.2.30 QueryForeignTransferList

Description

Query a list of foreign domain transfers.

Availability

All users have access to this command.

Input Parameters

Submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
orderby	optional	May be DOMAIN DOMAINDESC CREATEDDATE CREATEDDATEDESC	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
mincreateddate	optional	If used, QueryForeignTransferList only returns transfers initiated between mincreateddate and maxcreateddate	TEXT (DATETIME)
maxcreateddate	optional		TEXT (DATETIME)

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
DOMAIN	1	N	The domain name
USER	1	N	The user ID
PARENTUSER	1	N	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	N	The current transfer status
CREATEDDATE	1	N	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 domain transfers of the user itself. SUBUSER returns a list with domain foreign transfers of all direct subusers. ALL returns a list with domain foreign transfers of all subusers and all subusers below them.
- first and limit should be used to implement paging

Example

The following request queries all domain foreign transfers of “reseller.com”:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=QueryForeignTransferList&userdepth=ALL
```

The response is as follows:

```
code = 200
description = Command completed successfully
property[domain][0] = customer1.com
property[user][0] = subreseller.com
property[parent user][0] = reseller.com
property[status][0] = PENDING
property[domain][1] = customer2.com
property[user][1] = subreseller.com
property[parent user][1] = reseller.com
property[status][1] = PENDING
property[domain][2] = customer3.com
property[user][2] = subreseller.com
property[parent user][2] = reseller.com
property[status][2] = PENDING
property[count][0] = 3
property[first][0] = 0
property[last][0] = 2
property[limit][0] = 3
property[total][0] = 3

EOF
```

4.2.31 QueryDomainRepositoryRenewalList

Description

Query the sum of all executed transactions for a domain repository.

Availability

This command is only available for users who hold their own domain repository.

Input Parameters

Submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
repository	required	Name of repository for which the command should be executed	TEXT
mindate	required	Date where the sum should start	DATE
maxdate	required	Date where the sum should end	DATE
trigger	optional	trigger code	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
549	The command failed

Property	min	max	Description
SUM_CREATE	0	N	Sum of domain creations
SUM_DELETE	0	N	Sum of domain deletions
SUM_UNCREATE	0	N	Sum of domain un-creates
SUM_UNRENEW	0	N	Sum of redeemed renewals
SUM_RENEW	0	N	Sum of domain renewals

4.2.32 QueryDomainRepositoryInfo

Description

The command is used to list all available information for a certain domain repository.

Availability

This command is available for all users.

Input Parameters

Submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
repository	required	Name of repository ; required together with zone, if parameter "domain" is NOT chosen	TEXT
zone	required	e.g. .COM ; required together with repository, if parameter "domain" is NOT chosen	TEXT
domain	required	Domain for which the information should be collected ; required if "zone" and "repository" parameters are NOT chosen	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
549	The command failed

Property	min	max	Description
DELETIONRESTORABLEPERIOD	1	1	Period in which a domain may be restored after deletion
DELETIONHOLDPERIOD	1	1	Period for which a domain may be in HOLD status after deletion
HOSTIPADDRESSESTYPE	1	1	Type of host IP addresses
NAMESERVERMIN	1	1	Minimum amount of nameservers required
NAMESERVERMAX	1	1	Maximum amount of nameservers allowed
REGISTRYWHOISUPDATE	1	1	Description on registry's WHOIS update behavior
REGISTRYREGISTRATIONSYS TEM	1	1	Description on registry's registration system
REGISTRYDISPUTEPOLICY	1	1	Link to registry's dispute policy
REGISTRYHANDLEUPDATE	1	1	Description on registry's handle update behavior
REGISTRAR	1	1	Name of registrar
REGISTRYCHARSMIN	1	1	Minimum amount of characters required
REGISTRYCHARSMAX	1	1	Maximum amount of characters allowed
REGISTRYWHOISSERVER	1	1	WHOIS server address
REGISTRYURLNAME	1	1	Name of registry's website
EGISTRYURL	1	1	URL to registry's website

Property	min	max	Description
REGISTRYIDNCAPABLE	1	1	Description on registry's IDN capability
REGISTRYNAMSERVERCHECKS	1	1	Description on registry's nameserver check behavior
REGISTRYNAMSERVERROOTUP DATE	1	1	Description on registry's nameserver sync intervals
REGISTRYTRANSFERCLASS	1	1	PUSH PULL OTHER
REGISTRYTRANSFERNACKBY	1	1	REGISTRAR REGISTRY CUSTOMER BOTH OTHER
REGISTRYTRANSFERACKBY	1	1	REGISTRAR REGISTRY CUSTOMER BOTH OTHER
REGISTRYTRANSFERREQUIREA UTHCODE	1	1	YES NO
REGISTRYTRANSFERREALTIME	1	1	YES NO
REGISTRYTRADEREALTIME	1	1	YES NO
REGISTRYTRADETRANSFERINC LUDED	1	1	YES NO
REGISTRYTRADEACKBY	1	1	REGISTRAR REGISTRY CUSTOMER BOTH OTHER
REGISTRYTRADEACKBY	1	1	REGISTRAR REGISTRY CUSTOMER BOTH OTHER
REGISTRYEXPLICITRENEWAL	1	1	YES NO
REGISTRYDOMAINNAMECHARS ET	1	1	LETTERANDNUMBERS
ZONEREGISTRATIONPERIODS	1	1	Description on zone registry's zone registration periods
ZONERENEWALPERIODS	1	1	Description on zone registry's renewal periods
ZONERENEWALFINALIZATIONPE RIOD	1	1	Finalization period of zone domains
ZONERENEWALACCOUNTINGPE RIOD	1	1	Accounting period of zone domains
ZONEREGISTRATIONGRACEPE RIOD	1	1	Registration Grace Period of zone domains
ZONEPOLICYDOMAINTRANSFE R APPROVECONFIRMATION	1	1	REALTIME FAX
ZONEPOLICYDOMAINTRADEAP PROVECONFIRMATION	1	1	REALTIME FAX

4.2.33 Appendix: .NAME email forwardings

.NAME domains offer the possibility not only to register normal 2nd level domain names, but also 3rd level domains and email forwardings (e.g. firstname@lastname.name). Those email forwardings are managed in the same way like regular domains, so they can be registered, modified and transferred with the regular domain commands.

Examples

AddDomain:

The following example shows how to register a .NAME email forwarding and configuring the forwarding to a private email address:

```
command = AddDomain
domain = john@doe.name
period = 1
ownercontact0 = <HANDLE>
admincontact0 = <HANDLE>
techcontact0 = <HANDLE>
billingcontact0 = <HANDLE>
x-name-emailforward = yourprivateaddress@mailprovider.info
```

Notice: This command does **not** register the **domain** name `doe.name`, but only the email forwarding `john@doe.name`. Anyway, if you hold john@doe.name, no other registrant is able to register the 2nd level `doe.name` or the 3rd level `john.doe.name` anymore.

Emailforwardings are billed annually as if it would be a domain name (although with special email forwarding prices which differ from the .NAME domain prices).

The respective price relations for .NAME emailforwarding are

```
PRICE_CLASS_DOMAIN_NAMEEMAIL_ANNUAL
PRICE_CLASS_DOMAIN_NAMEEMAIL_SETUP
PRICE_CLASS_DOMAIN_NAMEEMAIL_TRANSFER
PRICE_CLASS_DOMAIN_NAMEEMAIL_CURRENCY
```

StatusDomain:

The StatusDomain command for a .NAME email forwarding would look like this:

```
command = StatusDomain
domain = john@doe.name
```

The response could look as follows:

```
PROPERTY[NAMESERVER][0]= yourprivateaddress@mailprovider.info
PROPERTY[X-NAME-EMAILFORWARD][0]=yourprivateaddress@mailprovider.info
PROPERTY[TECHCONTACT][0]=P-ABC123
PROPERTY[STATUS][0]=ACTIVE
PROPERTY[STATUS][1]=clientTransferProhibited
PROPERTY[OWNERCONTACT][0]=P-ABC123
PROPERTY[RENEWALMODE][0]=AUTORENEW
PROPERTY[USER][0]=[user]
PROPERTY[EXPIRATIONDATE][0]=2009-08-22 16:01:04
PROPERTY[DESCRIPTION][0]=john@doe.name
PROPERTY[CREATEDBY][0]=[user]
PROPERTY[UPDATEDBY][0]=[user]
PROPERTY[AUTH][0]=134j5h23j5h
PROPERTY[ID][0]=john@doe.name
PROPERTY[PEERUSER][0]=
PROPERTY[BILLINGCONTACT][0]=P-ABC123
PROPERTY[REGISTRATIONEXPIRATIONDATE][0]=2009-08-20 16:01:11
PROPERTY[ADMINCONTACT][0]=P-TQE48
PROPERTY[CLASS][0]=DOMAIN
PROPERTY[TRANSFERLOCK][0]=1
EOF
```

TransferDomain:

It is also possible to transfer a .NAME email forwarding, which is handled like a regular domain transfer:

```
command = TransferDomain
domain = john@doe.name
auth = <text>
```

This command would initiate a transfer of the email forwarding john@doe.name.

4.3 Domain feature management commands

The following commands are used to add, modify, check or delete additional domain features such as Domain Alert.

4.3.1 AddDomainAlert

Description

Adds a domain feature of type Domain Alert to an existing domain.

Availability

This feature is available for all users.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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 the feature should be added to	DOMAIN
sendername	required	Name which will be inserted in the Domain Alert emails	TEXT
senderemail	required	Email address from which the Domain Alert emails will be sent	TEXT
recipientemailN	required	Email address(es) to which the Domain Alert emails should be sent	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
531	The entered domain is not in the user's user account.
540	Domain Alert already exists for the domain
504	Required parameter is missing
506	Domain Alert is only available for gTLDs
541	Could not get domain alert annual fee (account does not have the required price relation)
546	Insufficient credit

4.3.2 ModifyDomainAlert

Description

Modifies a domain feature of type Domain Alert.

Availability

This feature is available for all users.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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 the feature is assigned to	DOMAIN
sendername	required	Name which will be inserted in the Domain Alert emails	TEXT
senderemail	required	Email address from which the Domain Alert emails will be sent	TEXT
recipientemailN	required	Email address(es) to which the Domain Alert emails should be sent	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
531	The entered domain is not in the user's user account.
504	Required parameter is missing

4.3.3 StatusDomainAlert

Description

Shows the status of a domain feature of type Domain Alert.

Availability

This feature is available for all users.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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 the feature is assigned to	DOMAIN

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
CREATEDDATE	1	1	Creation date of the domain feature
EXPIRATIONDATE	1	1	Expiration date of the domain feature (equals exp. date of the respective domain)
RECIPIENTEMAIL	1	N	Recipient email address(es)
SENDEREMAIL	1	1	Sender email address
RENEWALMODE	1	1	Renewal mode of the domain feature
CREATEDBY	1	1	Equals SENDERNAME of domain feature
UPDATEDBY	1	1	User account of user who performed the last update

4.3.4 DeleteDomainAlert

Description

Deletes a domain feature of type Domain Alert.

Availability

This feature is available for all users.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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 the feature is assigned to	DOMAIN

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

4.4 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:

- .TEL (Sunrise, Landrush, GoLive)

4.4.1 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:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
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”.

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=checkdomainapplication&domain=reseller.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
```

4.4.2 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:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
orderby	optional	Sort by "CLASS, CLASSDESC, DOMAIN, DOMAINDESC, USER, USERDESC, CREATEDDATE, CREATEDDATEDESC, UPDATEDDATE, UPDATEDDATEDESC, REGISTRATIONEXPIRATIONDATE, REGISTRATIONEXPIRATIONDATEDESC, REGISTRAR, REGISTRARDESC	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
minregistration-expirationsdate	optional	Search for: Minimal registration expiration date	DATETIME
maxregistration-expirationsdate	optional	Search for: Maximal registration expiration date	DATETIME

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
APPLICATION	1	N	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”.

```
BASE-URL?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
```

4.4.3 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:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
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	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
AUTHCODE	1	1	Auth-Code
X-EU-REGISTRANT-LANG	1	1	For .EU domain applications: Language of the domain registrant (used for registry emails)

Example

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

```
BASE-URL?  
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[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.com  
DESCRIPTION=Command completed successfully  
QUEUE TIME=0  
CODE=200  
  
EOF
```

4.4.4 AddDomainApplication

Description

Add a new domain application.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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	CONTACT
admincontact0	required	The Administrative Contact	CONTACT
techcontact0	required	The Technical Contact	CONTACT
billingcontact0	required	The Billing Contact	CONTACT
nameserver0	required	Nameserver host 0	NAMESERVER [0]
nameserver1	required	Nameserver host 1	NAMESERVER [1]
NameserverN	optional	Nameserver host N	NAMESERVER [2....N]
x-eur-registrant-lang	optional	For .EU domain applications: Language of the domain registrant (used for registry emails)	TEXT

Returned Properties and Values

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	N	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
AUTHCODE	1	1	Auth-Code
X-EU-REGISTRANT-LANG	1	1	For .EU domain applications: Language of the domain registrant (used for registry emails)

Example

The following request add an application for the domain “reseller.eu” in the .EU Landrush 2.

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=adddomainapplication&domain=reseller.eu&period=1&
class=EU_NEWLANDRUSH&ownercontact0=P-ABC123&admincontact0=P-ABC123&techcontact0=P-ABC123
&billingcontact0=P-ABC123&nameserver0=dns1.reseller.eu&nameserver1=dns2.reseller.eu
```

The response is as follows:

```
[RESPONSE]
PROPERTY[CREATEDDATE][0]=2006-07-17 16:24:43
PROPERTY[UPDATEDDATE][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
DESCRIPTION=Command completed successfully
QUEUE TIME=0

EOF
```

4.4.5 DeleteDomainApplication

Description

Delete a domain application.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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"

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=deletedomainapplication&application=44BB58E562C1109A
```

The response is as follows:

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

EOF
```

4.4.6 PayDomainApplication

Description

Pay a domain application.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
domain	optional	Domain name default: only necessary to overwrite existing value	DOMAIN
period	optional	Registration period in years default: only necessary to overwrite existing value	INTEGER
class	optional	Application class (see 4.3) default: only necessary to overwrite existing value	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

Property	min	max	Description
no properties are returned			

4.5 Contact management commands

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

4.5.1 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:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&
parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
title	optional	Title	TEXT
firstname	required	First name	TEXT
middlename	optional	Middle name	TEXT
lastname	required	Last name	TEXT
organization	optional	Organization	TEXT
street	required	Street	TEXT
city	required	City	TEXT
state	optional	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	optional	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 contact handle will be created, even if one with the same data already exists.	INTEGER
x-be-lang	optional	ONLY FOR REGISTRAR ACCOUNT MANAGEMENT CUSTOMERS: May be FR, EN or NL; defines the language of contact handles or .BE domains	TEXT
x-be-vat	optional	ONLY FOR REGISTRAR ACCOUNT MANAGEMENT CUSTOMERS: The VAT ID of the contact of a .BE domain	TEXT

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:

```
BASE-URL?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
```

4.5.2 ModifyContact

Description

Modify an existing contact handle.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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 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
deleteN	optional	Deletes the value of the given property, e.g.: delete0 = FAX Deletes the value of the property FAX	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 updates the contact handle P-ABC123:

```
BASE-URL?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
```

4.5.3 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:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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

Returned Properties and Values

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

Example

The following request queries the status of the contact P-ABC123:

```
BASE-URL?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
```

4.5.4 DeleteContact

Description

Delete an existing contact handle.

Availability

All users have access to this command.

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&
parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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:

```
BASE-URL?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
```

4.5.5 SyncContact

Description

Synchronize a contact handle with the specific contact handle at the registry database.

Availability

All users have access to this command.

Input Parameters

Submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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 of the domain the contact handle is assigned to	TEXT
contact	required	Contact handle which should be synchronized with the registry	TEXT

Returned Properties and Values

Code	Description
200	Command completed successfully
541	The command failed

4.5.6 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:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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)

Returned Properties and Values

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

4.5.7 QueryContactList

Description

Query a list of contacts.

Availability

All users have access to this command.

Input Parameters

Submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
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, USERDESC"	TEXT
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	N	The contact ID
CONTACTTITLE	1	N	The contact title (only returned if wide=1)
CONTACTFIRSTNAME	1	N	The contact first name (only returned if wide=1)
CONTACTMIDDLENAME	1	N	The contact middle name (only returned if wide=1)
CONTACTLASTNAME	1	N	The contact last name (only returned if wide=1)
CONTACTORGANIZATION	1	N	The contact organization (only returned if wide=1)
CONTACTSTREET	1	N	The contact street (only returned if wide=1)
CONTACTCITY	1	N	The contact city (only returned if wide=1)
CONTACTSTATE	1	N	The contact state (only returned if wide=1)
CONTACTZIP	1	N	The contact zip (only returned if wide=1)
CONTACTCOUNTRY	1	N	The contact country (only returned if wide=1)
CONTACTPHONE	1	N	The contact phone number (only returned if wide=1)
CONTACTFAX	1	N	The contact fax number (only returned if wide=1)
CONTACTEMAIL	1	N	The contact email address (only returned if wide=1)
USER	1	N	The user ID
PARENTUSER	1	N	The user ID of the parent user
STATUS	1	N	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”:

```
BASE-URL?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[parent user][0] = reseller.com
property[contact][1] = P-ABC123
property[user][1] = subreseller.com
property[parent 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
```

4.5.8 Information on Contact management

Notice

This chapter only applies to customers who hold their own registrar domain interface.

General

The contact handles used in our API are so-called META handles. This means that, depending on the respective registry of a domain, the behavior on updates differs from registry to registry.

THIN Registry

At THIN registries, the handles we use are the same handles the registry uses. So if you perform an update for such a handle, the contact data will be updated at the registry just in time.

THICK Registry

A THICK registry also uses contact handles, but they may differ from our META handles in their structure or parameters.

Our system synchronizes our META handles every 10 minutes to the THICK registry's contact handles. If such a sync fails for some reason, there will be no retry.

If you want to perform a contact update in real-time, you may use the command SyncContact, which is described in chapter 4.5.5.

PLAIN Registry

At a PLAIN registry, the contact handles are no own objects, but only attributes of the respective domain object. All updates to a contact handle which is assigned to a domain of a PLAIN registry will be performed as soon as a ModifyDomain will be performed. Updating only the contact handles does not have any effect.

4.6 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.

4.6.1 Excursion: Treatment of nameserver hosts at the registries

Nameserver hosts have to be created at the respective registry. The way of creating a nameserver host through our system depends on the way the registry manages nameserver hosts in their internal database.

In general, there exist two different kinds of nameserver host management:

1.) Hosts are managed as independent objects

In this case, the host objects are created at the registry by using the command `AddNameserver` (see chapter 4.6.3). Furthermore, in any case you have to create the necessary NS and A records in the DNS zone of the respective nameserver domain.

2.) Hosts are managed as attributes related to a certain domain object

To create a nameserver hosts in such a case, you have to modify the respective domain using a certain syntax for the nameserver parameters.

Example for 2.)

If you want to create a nameserver host with the IP addresses 127.0.0.1, 127.0.0.2, 127.0.0.3 for the domain `domainexample.co.uk`, the API command would have to look like this:

```
command = ModifyDomain
domain = domainexample.co.uk
nameserver0 = ns1.domainexample.co.uk 127.0.0.1
nameserver1 = ns2.domainexample.co.uk 127.0.0.2
nameserver2 = ns2.domainexample.co.uk 127.0.0.3
```

In addition, you have to create the necessary NS and A records in the DNS zone of `domainexample.co.uk`.

4.6.2 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:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&
parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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
212	Nameserver is available
213	Nameserver is not available
541	One of the parameters was invalid

Property	min	max	Description
no properties are returned			

Example

The following request checks the availability of "dns1.reseller.com":

```
BASE-URL?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
```

4.6.3 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 be seen 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: 194.50.187.134
- dns2: 194.0.182.1
- dns3: 193.227.117.124

Availability

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

Input Parameters

submit the request using the following syntax:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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 [1..13]

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.

Example

The following request creates the nameserver host “dns1.reseller.com”:

```
BASE-URL?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
```

4.6.4 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:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&
parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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	New IP-address(es) of the nameserver host	IPADDRESS [1..13]

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 nameserver host "dns1.reseller.com":

```
BASE-URL?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
```

4.6.5 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:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&
parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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 nameserver host "dns1.reseller.com":

```
BASE-URL?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
```

4.6.6 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:

```
BASE-URL?s_login=reseller.com&s_pw=secret&command=command&
parameter1=value1&parameter2=value2&parameter3=value3...
```

Parameter	Obligation	Definition	Type
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 nameserver host "dns1.reseller.com":

```
BASE-URL?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
```

5. 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.

6. ChangeLog

Date	Old / new version	Description of changes
2007-07-06	1.24 / 1.3	Added description of new price relations TRANSFERAPPLICATION and RENEWPERIOD
2007-07-31	1.3 / 1.4	PushDomain description changed (doesn't work only for DE, but also for UK and AT)
2007-08-01	1.4 / 1.5	Added commands for create, modify, check and delete domain feature Domain Alert
2007-12-14	1.5 / 1.6	Added parameter "period" in TransferDomain for .DE domains
2008-01-14	1.6 / 1.7	Added 2 .ASIA parameters to AddDomain command
2008-01-17	1.7 / 1.8	Added .ASIA CED parameter to AddDomain command
2008-02-28	1.8 / 1.8	Added 2 .BE contact parameters for registrar account management customers
2008-03-12	1.8 / 1.9	Added "target" parameter in command "QueryForeignTransferList"
2008-05-26	1.9 / 2.0	Added command "SyncContact"
2008-05-27	2.0 / 2.0	Added parameter "x-eu-accept-trustee-tac" to command TradeDomain and AddDomain
2008-06-03	2.0 / 2.1	Added command SyncDomain and explanation to the META handle system
2008-06-11	2.1 / 2.1	Added command QueryDomainRepositoryRenewalList
2008-06-12	2.1 / 2.1	Added some parameters to command QueryForeignTransferList
2008-07-01	2.1 / 2.2	Added some parameters to commands TradeDomain and ModifyContact
2008-07-07	2.2 / 2.2	Removed obsolete command "QueryNameserverList"
2008-07-18	2.2 / 2.2	Added command "RenewDomain"
2008-07-25	2.2 / 2.3	Added several parameters and output values to command "QueryTransferList"
2008-08-27	2.3 / 2.3	Added parameter "x-idn-language" to command "CheckDomain" and "CheckDomains"
2008-08-28	2.3 / 2.3	Added command "CloneContact"
2008-08-28	2.3 / 2.4	Added section "Appendix: .NAME email forwardings"
2008-09-19	2.4 / 2.5	- Added command "QueryExtendedDomainList" - Added several input and output parameters to command "QueryDomainList"
2008-09-24	2.5 / 2.5	- Added commands to create, status and check A/V records of domains
2008-10-30	2.5 / 2.5	- Added parameter "x-trustee" to commands "QueryDomainList" and "QueryExtendedDomainList"
2008-11-10	2.5 / 2.6	- Added command "SendDomainITLar" - Added parameters to command "AddDomain"
2008-11-17	2.6 / 2.6	- Added parameter "status" to command "QueryContactList"
2008-12-01	2.6 / 2.7	- Added commands "ActivateDomainTransfer" and "ActivateDomainTrade"
2008-12-08	2.7 / 2.7	- Added further description to command "ActivateDomainTransfer"
2008-12-10	2.7 / 2.8	- Added commands for new DENIC transfer procedure
2009-01-13	2.8 / 2.8	- Added command QueryDomainRepositoryInfo
2009-01-26	2.8 / 2.8	- Removed parameter "userdepth" and added parameter "orderby" for command "QueryForeignTransferList"

Date	Old / new version	Description of changes
2009-02-18	2.8 / 2.9	- Added parameter "x-at-scheduledate" for command "DeleteDomain" and parameter "x-nicse-idnumber" for command "TradeDomain"
2009-05-07	2.9 / 2.9	- Removed deprecated parameter
2009-06-15	2.9 / 2.9	- Removed deprecated parameter
2009-09-03	2.9 / 3.0	- Added parameters to QueryDomainList and QueryExtendedDomainList