DomRobot XML-RPC API Documentation

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Chapter 1. Overview

The communication is realized through XML-RPC (Remote Procedure Call) service. This is a specification by sending HTTP(S) requests to a assigned address. All client requests and server answers are using the XML format. The client must send the XML request via HTTP(S) POST and the server response is a XML document as well.

The first request must be an account.login command. In case of a succeded login you will receive a cookie session id in the header of the response. Please send it for all further requests.

The addresses of the provided services are:

- for the test environment `https://api.ote.domrobot.com/xmlrpc/`

- for the production environment `https://api.domrobot.com/xmlrpc/`

For more information about XML-RPC, visit the web site at http://www.xmlrpc.com/.

1. XML format for API requests

Example of a XML-RPC request:

```
<?xml version="1.0"?>
<methodCall>
<methodName>account.login</methodName>
<params>
 <param>
  <value>
   <struct>
    <member>
     <name>user</name>
     <value>
      <string>your_username</string>
     </value>
    </member>
    <member>
     <name>pass</name>
     <value>
      <string>your_password</string>
     </value>
    </member>
    <member>
     <name>lang</name>
     <value>
      <string>en</string>
     </value>
    </member>
    <member>
     <name>clTRID</name>
     <value>
      <string>CLIENT-123123</string>
     </value>
    </member>
   </struct>
  </value>
 </param>
</params>
</methodCall>
```

Main (optional) parameters

- *lang: Language of the return message ('en' or 'de')*

- *clTRID: The clTRID stands for Client Transaction Identifier and may be helpful for your support team*

Method parameters

Are described in Chapter 2: Methods.

2. XML response format

Example of a XML-RPC response:

```
<?xml version="1.0" encoding="UTF-8"?>
<methodResponse>
<params>
 <param>
  <value>
   <struct>
    <member>
     <name>code</name>
     <value>
      <int>1000</int>
     </value>
    </member>
    <member>
     <name>msg</name>
     <value>
      <string>Command completed successfully</string>
     </value>
    </member>
    <member>
     <name>resData</name>
     <value>
      <struct>
       <member>
        <name>customerId</name>
        <value>
         <int>99999</int>
        </value>
       </member>
       <member>
        <name>builddate</name>
        <value>
         <string>20110810</string>
        </value>
       </member>
       <member>
        <name>version</name>
        <value>
         <string>1.0</string>
        </value>
       </member>
      </struct>
     </value>
    </member>
    <member>
     <name>svTRID</name>
     <value>
      <string>20110803-31224878</string>
     </value>
    </member>
   </struct>
  </value>
 </param>
</params>
</methodResponse>
```

Return parameters:

- *code: Return code (described in Chapter 3: Return codes)*

- *msg: Return message (described in Chapter 3: Return codes)*

- *reasonCode: Additional short error message tag*

- *reason: Additional error message*

- *resData: Data result values*

- *svTRID: The svTRID stands for Server Transaction Identifier and may be helpful if you contact our support team*

3. Client implementation

3.1. Implementation in PHP

The implementation in PHP requires the xml-rpc library and the attached domrobot class in file domrobot.class.php.

```php
<?php
  header('Content-type: text/plain; charset=utf-8');
  require "domrobot.class.php";

  $addr = "https://api.domrobot.com/xmlrpc/";
  $usr = "your_username";
  $pwd = "your_password";

  $domrobot = new domrobot($addr);
  $domrobot->setDebug(false);
  $domrobot->setLanguage('en');

  $res = $domrobot->login($usr,$pwd);
  if ($res['code']==1000) {
    $obj = "domain";
    $meth = "check";
    $params = array();
    $params['domain'] = "mydomain.com";
    $res = $domrobot->call($obj,$meth,$params);
    print_r($res);
  } else {
    print_r($res);
  }
```

3.2. Implementation in Java

The implementation in Java requires the included .JAR files.

```java
import model.ArrayElement;
import model.Element;
import model.MapElement;
import org.apache.xmlrpc.XmlRpcException;
import java.net.MalformedURLException;

public class InwxJavaExample {
  public static void main(String args[]) throws MalformedURLException, XmlRpcException {
    System.out.println("Starting inwx Java example ...");
    String username = "your username";
    String password = "your password";

    Connector connector = new Connector();
    if (connector.login(username,password)) {
      ArrayElement myDomains = connector.checkDomain("inwx23 werew4rewr.de");
      for ( Element item : (Element[]) myDomains.getArray(  ) ) {
        MapElement _item = (MapElement) item;
        System.out.println("tld: " + _item.get("tld").toString());
        System.out.println("name: " + _item.get("name").toString());
        System.out.println("domain: " + _item.get("domain").toString());
        System.out.println("status: " + _item.get("status").toString());
        System.out.println("price: " + _item.get("price").toString());
      }

      ArrayElement domains = connector.getAllNS();
      for ( Element item : (Element[]) domains.getArray(  ) ) {
        MapElement _item = (MapElement) item;
        System.out.println(_item.get("domain")+":"+_item.get("type"));
      }

      connector.logout();
      System.out.println("logout");
    }//if login
  }
}
```

3.3. Implementation in Python

The implementation in Python requires the provided python example files and you need to set up your InterNetworX credentials in the conf.cfg file.

The example is based on the source code of Philipp Klaus (https://github.com/pklaus/python-inwx-xmlrpc).

```python
from inwx import domrobot, prettyprint
from configuration import get_account_data

def main():
    api_url, username, password = get_account_data(True)
    inwx_conn = domrobot(api_url, False)
    loginRet = inwx_conn.account.login({'lang': 'en', 'user': username, 'pass': password});

    domain = "mydomain.com"
    checkRet = inwx_conn.domain.check({'domain': domain})
    print prettyprint.domain_check(checkRet)

if __name__ == '__main__':
    main()
```

3.4. Implementation in Ruby

The implementation in Ruby requires the Domrobot.rb class in the folder ruby/inwx.

The example is based on the source code of Fabian Becker (https://github.com/halfdan/ruby-inwx-xmlrpc) and requires Ruby 1.9.x.

```ruby
require "inwx/Domrobot"
require "yaml"

addr = "api.ote.domrobot.com"
# addr = "api.domrobot.com"
user = "your_username"
pass = "your_password"

domrobot = INWX::Domrobot.new(addr)

result = domrobot.login(user,pass)
puts YAML::dump(result)

object = "domain"
method = "check"

params = { :domain => "mydomain.com" }

result = domrobot.call(object, method, params)

puts YAML::dump(result)
```

3.5. Implementation in Node.js

The implementation and documentation for the Node.js client is provided by Matthias Kadenbach and available on GitHub:

https://github.com/mattes/inwx-nodejs

Chapter 2. Methods

1. Account

The **account** object provides methods concerning to your account.

1.1. account.info

Get your account details.

Input

No parameters allowed

Output

Table 2.1. Parameters

Parameter	Description	Type	Optional
accountId	Account id	int	
customerId	Customer id	int	
username	Username	text64	
title	Salutation title	addressTitle	
firstname	Customers firstname	text64	
lastname	Customers lastname	text64	
org	Customers organisation/company	text064	
street	Customers street	text64	
pc	Customers postal code	text10	
city	Customers city	text64	
cc	Customers country	country	
voice	Customers phone number	phone	
fax	Customers fax number	phoneoptional	
www	Customers web address	text0255	
email	Customers email address	email	
servicePin	Customers service pin	int	
crDate	Customers date of account creation	dateTime	
secureMode	Customers secure mode	boolean	
signPdfs	Customer gets signed pdfs	boolean	
summaryInvoice	Customer gets summary invoice	boolean	
mailListId	List of subscribed mail-list-ids	array_int	Yes
language	Customers language	language	
notificationEmail	Customer gets notification emails	boolean	
notificationQueue	Customer uses notification queue	boolean	
lowBalance	Customers low balance notification value	float	
paymentType	Customers type of payment	paymentType	
bankAccHolder	Customers name of bank account holder	token255	

Parameter	Description	Type	Optional
bankName	Customers name of bank	token255	
bankCode	Customers bank code	token255	
bankAccHolderNo	Customers bank account number	text64	
vat	Customers vat	int	
vatNo	Customers company vat number	vatNo	
whoisProvider	Default whois provider	token255	
whoisUrl	Default whois url	token255	
defaultRegistrant	Default registrant contact handle	int	
defaultAdmin	Default administrative contact handle	int	
defaultTech	Default technical contact handle	int	
defaultBilling	Default billing contact handle	int	
defaultNsset	Default nameserver set	int	
defaultWeb	Default web nameserver entry	ip_host	Yes
defaultMail	Default mail nameserver entry	ip_host	Yes
lastLogin	Date of last login	dateTime	
loginCount	Count of logins	int	
rowsPerPage	Default rows per page value	int	
lastIP	Customers ip address of last access	ip	
verification	Customers data verfication pending flag	int	
emailBilling	Customers email address for billing	email	
emailAutomated	Email address for automated emails	email	

1.2. account.login

Log in to API.

Input

Table 2.2. Parameters

Parameter	Description	Type	Required	Default
user	Your username	text64	true	
pass	Your password	text64	true	

Output

Table 2.3. Parameters

Parameter	Description	Type	Optional
customerId	Customers id	int	
accountId	Customers account id	int	
tfa	2-factor-authentification method	tfaMethod	
builddate	API date of build	text64	
version	API version	int	

1.3. account.logout

Log out from API.

Input

No parameters allowed

Output

No additional return parameters

1.4. account.update

Update customers account data.

Input

Table 2.4. Parameters

Parameter	Description	Type	Required	Default
username	Customers username	username	false	
title	Customers salutation title	addressTitle	false	
firstname	Customers firstname	text64	false	
lastname	Customers lastname	text64	false	
org	Customers organisation/company	text0255	false	
street	Customers street	text64	false	
pc	Customers postal code	text10	false	
city	Customers city	text64	false	
cc	Customers country	country	false	
voice	Customers phone number	phone	false	
fax	Customers fax number	phoneoptional	false	
www	Customers web address	text0255	false	
email	Customers email address	email	false	
emailAutomated	Customers automated email address	emailoptional	false	
emailBilling	Customers email address for billing	emailoptional	false	
servicePin	Customers service pin	text64	false	
summaryInvoice	Customer gets summary invoice	boolean	false	
mailListId	One or more mail-list-id(s)	array_int	false	
language	Customers language	language	false	
notificationEmail	Customer get notification emails	boolean	false	
notificationQueue	Customer uses notification queue	boolean	false	
lowBalance	Customers low balance notification value	float_signed	false	
bankAccHolder	Customers name of bank account holder	token255	false	
bankCode	Customers bank code	text64	false	
bankName	Customers name of bank	text64	false	

Parameter	Description	Type	Required	Default
bankAccHolderNo	Customers bank account number	text64	false	
vatNo	Customers company vat number	vatNo	false	
whoisProvider	Default whois provider	text0255	false	
whoisUrl	Default whois url	text0255	false	
defaultRegistrant	Default registrant contact handle	int	false	
defaultAdmin	Default admin contact handle	int	false	
defaultTech	Default tech contact handle	int	false	
defaultBilling	Default billing contact handle	int	false	
defaultNsset	Default nameserver set	int	false	
defaultWeb	Default web nameserver entry	ip_url	false	
defaultMail	Default mail nameserver entry	ip_host	false	
password	Customers password	text64	false	
rowsPerPage	Default rows per page value	int	false	
testing	Execute command in testing mode	boolean	false	false

Output

No additional return parameters

2. Accounting

The **accounting** object provides methods concerning to your account balance and invoices.

2.1. accounting.accountBalance

Account balance details.

Input

No parameters allowed

Output

Table 2.5. Parameters

Parameter	Description	Type	Optional
total	Accumulated amount of received payments	float	
available	Deposit that is available for transactions	float	
locked	Deposit that is locked for transactions in process	float	
creditLimit	Customers credit limit value	float	

2.2. accounting.getInvoice

Returns invoice pdf document.

Input

Table 2.6. Parameters

Parameter	Description	Type	Required	Default
invoiceId	Id of the invoice	text64	true	

Output

Table 2.7. Parameters

Parameter	Description	Type	Optional
pdf	Invoice pdf as base64 encoded	base64	

2.3. accounting.listInvoices

Get list of available invoices.

Input

No parameters allowed

Output

Table 2.8. Parameters

Parameter	Description	Type	Optional
count	Total number of invoices	int	
invoice			
... invoiceId	Id of the invoice	text64	
... date	Date of invoice	date	
... afterTax	Bill including tax	float	
... preTax	Bill without tax	float	
... type	Kind of invoice	text64	

2.4. accounting.lockedFunds

Log of locked deposit.

Input

Table 2.9. Parameters

Parameter	Description	Type	Required	Default
dateFrom	Locked funds start date	timestamp	false	
dateTo	Locked funds end date	timestamp	false	
page	Page number for paging	int	false	1

Parameter	Description	Type	Required	Default
pagelimit	Max number of results per page	int	false	20

Output

Table 2.10. Parameters

Parameter	Description	Type	Optional
locked			
... date	Lock timestamp	dateTime	
... domain	Domain name for locked fund	text64	
... amount	Locked amount value	float	
... status	Locked domain status	text64	

2.5. accounting.log

Log of customers transactions.

Input

Table 2.11. Parameters

Parameter	Description	Type	Required	Default
dateFrom	Log start date	timestamp	false	
dateTo	Log end date	timestamp	false	
priceMin	Minimum price of log entry	float	false	0.0
priceMax	Maximum price of log entry	float	false	
page	Page number for paging	int	false	1
pagelimit	Max number of results per page	int	false	20

Output

Table 2.12. Parameters

Parameter	Description	Type	Optional
count	Total number of log entries	int	
sum	Sum of amount	float	
log			
... date	Log timestamp	dateTime	
... amount	Amount value	float	
... type	Type of action	text64	
... details	Log details	text64	

2.6. accounting.refund

Request a refund of your unneeded funds.

Input

Table 2.13. Parameters

Parameter	Description	Type	Required	Default
type	Type of refund	refundType	true	
amount	Amount value	float	true	
accountCC	Account destination country	country	true	
accountHolder	Bank account holder	text64	true	
accountNumber	Bank account number	text64	false	
bankCode	Bank code	text64	false	
accountIBAN	Bank account IBAN	token255	false	
SWIFT-BIC	American swift BIC	text64	false	

Output

No additional return parameters

3. Application

The **application** object provides methods to manage (create, update, delete etc.) domain applications.

3.1. application.check

Check availability of domain applications.

Input

Table 2.14. Parameters

Parameter	Description	Type	Required	Default
domain	Domain name	text64	true	

Output

Table 2.15. Parameters

Parameter	Description	Type	Optional
domain	Domain name	text64	
price	Domain application price	float	
period	Domain registration period	int	
status	Domain check status	text10	
appCount	Total number of equivalent applications	int	

3.2. application.create

Create a domain preregistration.

Input

Table 2.16. Parameters

Parameter	Description	Type	Required	Default
domain	Domain name	text64	true	
price	Domain application price offer	float	false	
registrant	Domain owner contact handle id	int	true	
admin	Domain administrative contact handle id	int	true	
tech	Domain technical contact handle id	int	true	
billing	Domain billing contact handle id	int	true	
ns	List of nameserver	nsList	true	
type	Phase of application	text064	false	
extData	Domain application extra data	extDataApplication	false	

Output

Table 2.17. Parameters

Parameter	Description	Type	Optional
roId	Id (Repository Object Identifier) of the domain application	int	

3.3. application.delete

Delete a domain preregistration.

Input

Table 2.18. Parameters

Parameter	Description	Type	Required	Default
roId	Id (Repository Object Identifier) of the domain application	int	true	

Output

No additional return parameters

3.4. application.info

Get domain application details.

Input

Table 2.19. Parameters

Parameter	Description	Type	Required	Default
roId	Id (Repository Object Identifier) of the domain application	int	true	

Parameter	Description	Type	Required	Default
wide	More detailed output	int	false	1

Output

Table 2.20. Parameters

Parameter	Description	Type	Optional
roId	Id (Repository Object Identifier) of the domain application	int	
domain	Domain name of the application	text64	
domain-ace	Domain ace name of the application	text64	
type	Phase of application	text64	
crDate	Time of domain application creation	dateTime	Yes
upDate	Time of last domain application update	dateTime	Yes
closedDate	Time of domain application close	dateTime	Yes
extData	Domain application extra data	extDataApplication	Yes
price	Domain application price	float	Yes
status	Status of application	text64	Yes
registrant	Domain owner contact handle id	int	Yes
admin	Domain administrative contact handle id	int	Yes
tech	Domain technical contact handle id	int	Yes
billing	Domain billing contact handle id	int	Yes
ns	List of nameserver	nsList	Yes
appPosition	Application queue position	text10	Yes
appCount	Total number of equivalent applications	int	Yes
appPrices	Highest application prices	array_float	Yes
contact			Yes
... registrant	Registrant contact handle details	contact	
... admin	Administrative contact handle details	contact	
... tech	Technical contact handle details	contact	
... billing	Billing contact handle details	contact	

3.5. application.list

List all doamin preregistrations.

Input

Table 2.21. Parameters

Parameter	Description	Type	Required	Default
domain	Domain search string	array_text64	false	*
wide	More detailed output	int	false	0
order	Sort order of result list	applicationOrder	false	DOMAINASC
page	Page number for paging	int	false	1
pagelimit	Max number of results per page	int	false	20

Output

Table 2.22. Parameters

Parameter	Description	Type	Optional
count	Total number of preregistrations	int	
sum	Sum of preregistration prices	float	
domain			
... roId	Id (Repository Object Identifier) of the domain application	int	
... domain	Domain name of the application	text64	
... domain-ace	Domain ace name of the application	text64	
... type	Phase of application	text64	
... registrant	Domain owner contact handle id	int	Yes
... admin	Domain administrative contact handle id	int	Yes
... tech	Domain technical contact handle id	int	Yes
... billing	Domain billing contact handle id	int	Yes
... crDate	Time of creation	dateTime	Yes
... upDate	Time of last last update	dateTime	Yes
... closedDate	Time of application close	dateTime	Yes
... extData	Domain application extra data	extDataApplication	Yes
... price	Domain application price	float	Yes
... status	Status of application	text64	Yes
... ns	List of nameserver	nsList	Yes
... appPosition	Application queue position	text10	Yes
... appCount	Total number of equivalent applications	int	Yes
... appPrices	Highest application prices	array_float	Yes
... contact			Yes
... ... registrant	Registrant contact handle details	contact	
... ... admin	Administrative contact handle details	contact	
... ... tech	Technical contact handle details	contact	
... ... billing	Billing contact handle details	contact	

3.6. application.update

Update domain preregistration.

Input

Table 2.23. Parameters

Parameter	Description	Type	Required	Default
roId	Id (Repository Object Identifier) of the domain application	int	true	
price	Domain application price offer	float	false	
registrant	Domain owner contact handle id	int	false	

Parameter	Description	Type	Required	Default
admin	Domain administrative contact handle id	int	false	
tech	Domain technical contact handle id	int	false	
billing	Domain billing contact handle id	int	false	
ns	List of nameserver	nsList	false	
type	Phase of application	text064	false	
extData	Domain application extra data	extDataApplication	false	

Output

No additional return parameters

4. Contact

The **contact** object provides methods to manage (create, update, delete etc.) your contact handles.

4.1. contact.create

Creates a new contact handle.

Input

Table 2.24. Parameters

Parameter	Description	Type	Required	Default
type	Type of contact	contactType	true	
name	First and lastname	text64	true	
org	Organisation/company	text0255	false	
street	Street address field 1	text64	true	
city	Contact city	text64	true	
pc	Contact postal code	text10	true	
sp	Contact state province	text064	false	
cc	Contact country	country	true	
voice	Contact phone number	phone	true	
fax	Contact fax number	phoneoptional	false	
email	Contact email address	email	true	
remarks	Contact handle remarks	remarks	false	
protection	Contact protection	boolean	false	1
testing	Execute command in testing mode	boolean	false	0

Output

Table 2.25. Parameters

Parameter	Description	Type	Optional
id	Contact handle id	int	

4.2. contact.delete

Delete an existing contact handle.

Input

Table 2.26. Parameters

Parameter	Description	Type	Required	Default
id	Contact handle id	int	true	
testing	Execute command in testing mode	boolean	false	false

Output

No additional return parameters

4.3. contact.info

Get contact handle details.

Input

Table 2.27. Parameters

Parameter	Description	Type	Required	Default
id	Contact handle id	int	true	
wide	More detailed output	int	false	0

Output

Table 2.28. Parameters

Parameter	Description	Type	Optional
contact			
... roId	Contact handle id	int	
... id	Contact handle id name	text64	
... type	Type of contact handle	contactType	
... name	First and lastname	text64	
... org	Organisation/company	text64	
... street	Street address	text64	
... city	City	text64	
... pc	Postal code	text10	
... sp	State province	text064	Yes
... cc	Country	country	
... voice	Phone number	phone	
... fax	Fax number	phone	Yes
... email	Email address	email	
... remarks	Contact handle remarks	remarks	Yes
... protection	Contact handle protection	boolean	

Parameter	Description	Type	Optional
... usedCount	Total number of contact handle uses	int	Yes
... nicHandle	Contact NIC handle	nicHandleList	Yes

4.4. contact.list

List available contact handles.

Input

Table 2.29. Parameters

Parameter	Description	Type	Required	Default
order	Sort order of the result list	contactOrder	false	IDDESC
search	Search string	text64	false	
readOnly	List only readable contact handle	int	false	
page	Page number for paging	int	false	1
pagelimit	Max number of results per page	int	false	20

Output

Table 2.30. Parameters

Parameter	Description	Type	Optional
count	Total number of contact handles	int	
contact			
... roId	Contact handle id (Repository Object Identifier)	int	
... id	Contact handle id name	text64	
... type	Type of contact handle	contactType	
... name	First and lastname	text64	
... org	Organisation/company	text64	
... street	Street address	text64	
... city	City	text64	
... pc	Postal code	text10	
... sp	State province	text064	Yes
... cc	Country	country	
... voice	Phone number	phone	
... fax	Fax number	phone	Yes
... email	Email adress	email	
... remarks	Contact handle remarks	remarks	Yes
... protection	Contact handle protection	boolean	
... usedCount	Total number of contact handle uses	int	Yes

4.5. contact.log

Log of changes to the contact handle.

Input

Table 2.31. Parameters

Parameter	Description	Type	Required	Default
id	Contact handle id	int	false	

Output

Table 2.32. Parameters

Parameter	Description	Type	Optional
count	Total number of log entries	int	
contact			
... logId	Id of the log entry	int	
... date	Log timestamp	dateTime	
... id	Id of the altered contact handle	int	
... status	Contact handle status after the action was performed	text64	

4.6. contact.update

Alter contact handle data.

Input

Table 2.33. Parameters

Parameter	Description	Type	Required	Default
id	Contact handle id	int	true	
name	First and lastname	text64	false	
org	Organisation/company	text0255	false	
street	Street address field 1	text64	false	
city	City	text64	false	
pc	Postal code	text10	false	
sp	State province	text064	false	
cc	Country	country	false	
voice	Contact phone number	phone	false	
fax	Contact fax number	phoneoptional	false	
email	Email address	email	false	
remarks	Contact handle remarks	remarks	false	
protection	Contact handle protection	boolean	false	
testing	Execute command in testing mode	boolean	false	false

Output

No additional return parameters

5. Domain

The **domain** object provides methods for creating, deleting, listing etc. of domains.

5.1. domain.check

Check the availability of domains.

Input

Table 2.34. Parameters

Parameter	Description	Type	Required	Default
domain	Domain name	array_domain	false	
sld	Second level domain name	text64	false	
tld	Top level domain	array_text64	false	
region	Check top level domains of the given location/ region	region	false	
wide	More detailed output	int	false	1

Output

Table 2.35. Parameters

Parameter	Description	Type	Optional
domain			
... domain	Domain name	token255	
... avail	Domain avaibility for registration	boolean	
... status	Domain avaibility status	text10	Yes
... checktime	Domain check time	float	Yes
... name	Second level domain name	text64	Yes
... tld	Top level domain name	text10	Yes
... checkmethod	Domain check method	text10	Yes
... price	Domain registration/transfer price	float	Yes

5.2. domain.create

Register a domain name.

Input

Table 2.36. Parameters

Parameter	Description	Type	Required	Default
domain	Domain name	token255	true	
period	Domain registration/renewal period	period	false	*
registrant	Domain owner contact handle id	int	true	
admin	Domain administrative contact handle id	int	true	
tech	Domain technical contact handle id	int	true	

Parameter	Description	Type	Required	Default
billing	Domain billing contact handle id	int	true	
ns	List of nameserver	nsList	false	
transferLock	Lock domain	boolean	false	1
renewalMode	Domain renewal mode	renewalMode	false	AUTORENEW
whoisProvider	Whois provider	text0255	false	
whoisUrl	Whois url	text0255	false	
scDate	Time of scheduled execution	timestamp	false	
extData	Domain extra data	extData	false	
asynchron	Asynchron domain create	boolean	false	false
voucher	Voucher code	text64	false	
testing	Execute command in testing mode	boolean	false	false

Output

Table 2.37. Parameters

Parameter	Description	Type	Optional
roId	Id (Repository Object Identifier) of the domain	int	
price	Incurred expenses	float	

5.3. domain.delete

Deletes a domain.

Input

Table 2.38. Parameters

Parameter	Description	Type	Required	Default
domain	Domain name	token255	true	
scDate	Time of scheduled execution	timestamp	false	
testing	Execute command in testing mode	boolean	false	false

Output

No additional return parameters

5.4. domain.getPrices

Get the domain prices.

Input

Table 2.39. Parameters

Parameter	Description	Type	Required	Default
tld	Top level domain	array_text10	false	

Parameter	Description	Type	Required	Default
vat	Prices with vat	boolean	false	
voucher	Voucher code	text64	false	

Output

Table 2.40. Parameters

Parameter	Description	Type	Optional
price			
... tld	Top level domain name	text10	
... currency	Currency of the price	text10	
... createPrice	Domain registration price/year	float	
... monthlyCreatePrice	Domain registration price/month	float	Yes
... transferPrice	Domain transfer price/year	float	
... renewalPrice	Domain renewal price/year	float	
... monthlyRenewalPrice	Domain renewal price/month	float	Yes
... updatePrice	Domain update price	float	
... tradePrice	Domain trade price	float	
... trusteePrice	Domain trustee service price/year	float	
... monthlyTrusteePrice	Domain trustee service price/month	float	Yes
... createPeriod	Domain creation period in years	int	
... transferPeriod	Domain transfer period in years	int	
... renewalPeriod	Domain renewal period in years	int	
... tradePeriod	Domain trade period in years	int	
... promo			Yes
... ... currency	Currency of the promo price	float	
... ... limitedNumber	Number of limited promos	int	
... ... limitedRemaining	Number of remaining promo prices for limited promos	int	
... ... startTime	Promo start time	dateTime	
... ... endTime	Promo end time	dateTime	
... ... tradePrice	trade promo price	float	Yes
... ... trusteePrice	trustee promo price	float	Yes
... ... createPrice	Domain registration price/year	float	Yes
... ... monthlyCreatePrice	Domain registration price/month	float	Yes
... ... transferPrice	Domain transfer price/year	float	Yes
... ... renewalPrice	Domain renewal price/year	float	Yes
... ... monthlyRenewalPrice	Domain renewal price/month	float	Yes
... eur			Yes
... ... createPrice	Domain registration price/year	float	
... ... monthlyCreatePrice	Domain registration price/month	float	Yes
... ... transferPrice	Domain transfer price/year	float	
... ... renewalPrice	Domain renewal price/year	float	
... ... monthlyRenewalPrice	Domain renewal price/month	float	Yes
... ... updatePrice	Domain update price	float	
... ... tradePrice	Domain trade price	float	
... ... trusteePrice	Domain trustee service price/year	float	

Parameter	Description	Type	Optional
... ... monthlyTrusteePrice	Domain trustee service price/month	float	Yes

5.5. domain.getRules

Get TLD rules.

Input

Table 2.41. Parameters

Parameter	Description	Type	Required	Default
tld	Top level domain name	array_text10	false	

Output

Table 2.42. Parameters

Parameter	Description	Type	Optional
rules			
... tld	Top level domain name	text10	
... cc	TLD country	country	
... region	TLD region (domain check)	region	
... timeRegistration	Time for registration	text64	
... localOwner	Local domain owner contact needed	boolean	
... localAdmin	Local domain administrative contact needed	boolean	
... ownerType	Allowed domain owner contact types	text64	
... adminType	Allowed domain administrative contact types	text64	
... techType	Allowed domain technical contact types	text64	
... billingType	Allowed domain billing contact types	text64	
... billingFaxNeeded	Domain billing contact needs a fax number	boolean	
... companyAllowed	Domain owner contact can be a company	boolean	
... personAllowed	Domain owner contact can be a natural person	boolean	
... companyNeeded	Domain owner contact has to be a company	boolean	
... personNeeded	Domain owner contact has to be a natural person	boolean	
... VATNeeded	Vat number is needed	boolean	
... IDNeeded	Identification is needed	boolean	
... markNeeded	Trademark is needed	boolean	
... idn	Domain name can contain idn chars	boolean	
... idnChars	Allowed domain name idn characters	token255	
... minLength	Minimal domain name length	int	
... maxLength	Maximal domain name length	int	
... minNS	Minimum amount of nameservers	int	
... maxNS	Maximum amount of nameservers	int	
... registrationPeriod	Allowed domain registration periods	text64	
... renewalPeriod	Allowed domain renewal periods	text64	
... restorePeriod1	Allowed restore period 1 in days	int	

Parameter	Description	Type	Optional
... restorePeriod2	Allowed restore period 2 in days	int	
... trustee	Trustee service available	boolean	
... whoisProtection	Whois protection service available	boolean	
... authCode	Auth code required/needed	text10	
... transferLock	TLD registry supports transfer lock	boolean	
... renewAllowed	Manual domain renewal is allowed	text10	
... tradeAllowed	Domain trade is allowed	text10	
... pushAllowed	Domain push is allowed	text10	
... updateAllowed	Domain update is allowed	text10	
... updateAuthcodeAllowed	Update domain auth code is allowed	text10	
... transferAllowed	Domain transfer is allowed	text10	
... transferOutAllowed	Domain transfer out is allowed	text10	
... restoreAllowed	Domain restore is allowed	text10	
... paperwork	Domain action requires additional paperwork	int	
... restorePossibility	Domain restore possibility	int	
... blacklist	Not allowed second level domain names	text	

5.6. domain.info

Get domain details.

Input

Table 2.43. Parameters

Parameter	Description	Type	Required	Default
domain	Domain name	token255	true	
wide	More detailed output	int	false	1

Output

Table 2.44. Parameters

Parameter	Description	Type	Optional
roId	Id (Repository Object Identifier) of the domain	int	
domain	Domain name	text64	
domain-ace	Domain ace name	text64	
period	Domain registration/renewal period	period	Yes
crDate	Time of domain creation	dateTime	Yes
exDate	Time of domain expiration	dateTime	Yes
upDate	Time of last domain update	dateTime	Yes
reDate	Time of domain renewal	dateTime	Yes
scDate	Time of scheduled execution	dateTime	Yes
transferLock	Domain is locked	boolean	Yes
status	Status of the domain	text64	Yes
authCode	Domain auth code	text064	Yes

Parameter	Description	Type	Optional
renewalMode	Domain renewal mode	renewalMode	Yes
transferMode	Domain transfer mode	transferMode	Yes
registrant	Domain owner contact handle id	int	Yes
admin	Domain administrative contact handle id	int	Yes
tech	Domain technical contact handle id	int	Yes
billing	Domain billing contact handle id	int	Yes
ns	List of nameserver	nsList	Yes
noDelegation	Domain delegation status	boolean	Yes
contact			Yes
... registrant	Registrant contact handle details	contact	
... admin	Administrative contact handle details	contact	
... tech	Technical contact handle details	contact	
... billing	Billing contact handle details	contact	
extData	Domain extra data	extData	Yes

5.7. domain.list

List all available customers domains.

Input

Table 2.45. Parameters

Parameter	Description	Type	Required	Default
domain	Filter by domain name search string	array_text255	false	*
roId	Filter by domain id (Repository Object Identifier)	array_int	false	
status	Filter by domain status	array_text64	false	
registrant	Filter by registrant ids	array_int	false	
admin	Filter by admin ids	array_int	false	
tech	Filter by tech ids	array_int	false	
billing	Filter by billing ids	array_int	false	
renewalMode	Filter by renewal mode	renewalMode	false	
transferLock	Filter by transfer lock	boolean	false	
noDelegation	Filter by delegation status	boolean	false	
tag	Filter by tag ids	array_int	false	
wide	More detailed output	int	false	1
order	Sort order of result list	domainOrder	false	DOMAINASC
page	Page number for paging	int	false	1
pagelimit	Max number of results per page	int	false	20

Output

Table 2.46. Parameters

Parameter	Description	Type	Optional
count	Total number of preregistrations	int	

Parameter	Description	Type	Optional
domain			
... roId	Id (Repository Object Identifier) of the domain	int	
... domain	Domain name	token255	
... domain-ace	Domain ace name	token255	
... period	Domain registration/renewal period	period	Yes
... crDate	Time of domain creation	dateTime	Yes
... exDate	Time of domain expiration	dateTime	Yes
... upDate	Time of last domain update	dateTime	Yes
... reDate	Time of domain renewal	dateTime	Yes
... scDate	Time of scheduled execution	dateTime	Yes
... transferLock	Domain is locked	boolean	Yes
... status	Status of the domain	text64	Yes
... authCode	Domain auth code	token255	Yes
... renewalMode	Domain renewal mode	renewalMode	Yes
... transferMode	Domain transfer mode	transferMode	Yes
... registrant	Domain owner contact handle id	int	Yes
... admin	Domain administrative contact handle id	int	Yes
... tech	Domain technical contact handle id	int	Yes
... billing	Domain billing contact handle id	int	Yes
... ns	List of nameserver	nsList	Yes
... noDelegation	Domain delegation status	boolean	Yes
... contact			Yes
... ... registrant	Registrant contact handle details	contact	
... ... admin	Administrative contact handle details	contact	
... ... tech	Technical contact handle details	contact	
... ... billing	Billing contact handle details	contact	
... extData	Domain extra data	extData	Yes

5.8. domain.log

Log of changes to a domain.

Input

Table 2.47. Parameters

Parameter	Description	Type	Required	Default
domain	Filter result by domain name	token255	false	
status	Filter result by status	text64	false	
invoice	Filter result by invoice id	text64	false	
dateFrom	Log start date	timestamp	false	
dateTo	Log end date	timestamp	false	
priceMin	Minimum price of log entry	float	false	0.0
priceMax	Maximum price of log entry	float	false	
order	ordering of the results	domainLogOrder	false	LOGTIMEDESC

Parameter	Description	Type	Required	Default
page	Page number for paging	int	false	1
pagelimit	Max number of results per page	int	false	20

Output

Table 2.48. Parameters

Parameter	Description	Type	Optional
count	Total number of log entries	int	
sum	Sum of amount	float	
domain			
... date	Log timestamp	dateTime	
... roId	Id (Repository Object Identifier) of the domain	int	
... domain	Domain name	token255	
... status	Domain status	text64	
... price	Incurred expenses of the domain action	float	
... invoice	Invoice id	text64	
... remoteAddr	Ip address of executing client	ip	
... userText	Domain action description	text255	

5.9. domain.push

Return domain to registry (if supported by TLD).

Input

Table 2.49. Parameters

Parameter	Description	Type	Required	Default
domain	Domain name	token255	true	
target	Target registrar (if supported)	text64	false	
scDate	Scheduled execution date	timestamp	false	
testing	Execute command in testing mode	boolean	false	false

Output

No additional return parameters

5.10. domain.renew

Manual domain renewal.

Input

Table 2.50. Parameters

Parameter	Description	Type	Required	Default
domain	Domain name	token255	true	

Parameter	Description	Type	Required	Default
period	Domain renewal period	period	true	
expiration	Date of current expiration	date	true	
asynchron	Asynchron domain renew	boolean	false	false
testing	Execute command in testing mode	boolean	false	false

Output

Table 2.51. Parameters

Parameter	Description	Type	Optional
exDate	Time of domain expiration	dateTime	
reDate	Time of next domain renewal	dateTime	

5.11. domain.restore

Restores an expired/deleted domain (if supported).

Input

Table 2.52. Parameters

Parameter	Description	Type	Required	Default
domain	Domain name	token255	true	
renewalMode	Domain renewal mode	renewalMode	false	
testing	Execute command in testing mode	boolean	false	false

Output

No additional return parameters

5.12. domain.stats

Get registered domain TLD statistics.

Input

No parameters allowed

Output

Table 2.53. Parameters

Parameter	Description	Type	Optional
tld			Yes
... count	Total number of registered TLD	int	

5.13. domain.trade

Change domain owner (if supported).

Input

Table 2.54. Parameters

Parameter	Description	Type	Required	Default
domain	Domain name	token255	true	
registrant	New domain owner contact handle id	int	true	
admin	New administrative contact handle id	int	true	
tech	New technical contact handle id	int	true	
billing	New billing contact handle id	int	true	
ns	List of nameserver	nsList	false	
whoisProvider	Whois provider	text0255	false	
whoisUrl	Whois url	text0255	false	
scDate	Scheduled execution date	timestamp	false	
extData	Domain trade extra data	extDataTrade	false	
asynchron	Asynchron domain trade	boolean	false	false
testing	Execute command in testing mode	boolean	false	false

Output

No additional return parameters

5.14. domain.transfer

Transfer domain to another registrar or user.

Input

Table 2.55. Parameters

Parameter	Description	Type	Required	Default
domain	Domain name	token255	true	
registrant	Domain owner contact handle id	int	false	
admin	Domain administrative contact handle id	int	false	
tech	Domain technical contact handle id	int	false	
billing	Domain billing contact handle id	int	false	
ns	List of nameserver	nsList	false	
authCode	Authorization code (if supported)	text64	false	
renewalMode	Domain renewal mode	renewalMode	false	AUTORENEW
whoisProvider	Whois provider	text0255	false	
whoisUrl	Whois url	text0255	false	
extData	Domain extra data	extDataTransfer	false	
scDate	Time of scheduled execution	timestamp	false	

Parameter	Description	Type	Required	Default
asynchron	Asynchron domain transfer	boolean	false	false
testing	Execute command in testing mode	boolean	false	false

Output

Table 2.56. Parameters

Parameter	Description	Type	Optional
roId	Id (Repository Object Identifier) of the domain	int	
price	Incurred expenses	float	

5.15. domain.transferOut

Allow or deny outgoing transfer requests.

Input

Table 2.57. Parameters

Parameter	Description	Type	Required	Default
domain	Domain name	token255	true	
answer	Acknowledge or deny the domain request	transferAnswer	true	
testing	Execute command in testing mode	boolean	false	false

Output

No additional return parameters

5.16. domain.update

Update domain data.

Input

Table 2.58. Parameters

Parameter	Description	Type	Required	Default
domain	Domain name	token255	true	
registrant	New owner contact handle id	int	false	
admin	New administrative contact handle id	int	false	
tech	New technical contact handle id	int	false	
billing	New billing contact handle id	int	false	
ns	List of nameserver	nsList	false	
transferLock	Lock domain	boolean	false	
period	Domain registration/renewal period	period	false	
authCode	Authorization code (if supported)	text64	false	
scDate	Time of scheduled execution	timestamp	false	

Parameter	Description	Type	Required	Default
renewalMode	Domain renewal mode	renewalMode	false	
transferMode	Domain transfer mode	transferMode	false	
whoisProvider	Whois provider	text0255	false	
whoisUrl	Whois url	text0255	false	
extData	Domain extra data	extData	false	
asynchron	Asynchron domain update	boolean	false	false
testing	Execute command in testing mode	boolean	false	false

Output

Table 2.59. Parameters

Parameter	Description	Type	Optional
price	Incurred expenses	float	

5.17. domain.whois

Get the whois information of a domain.

Input

Table 2.60. Parameters

Parameter	Description	Type	Required	Default
domain	Domain name	text64	true	

Output

Table 2.61. Parameters

Parameter	Description	Type	Optional
whois	Whois output	text	

6. Host

The **host** object provides methods to manage your glue records.

6.1. host.check

Checks a hostname.

Input

Table 2.62. Parameters

Parameter	Description	Type	Required	Default
hostname	Name of host	hostname	true	

Output

Table 2.63. Parameters

Parameter	Description	Type	Optional
avail	Host available	boolean	

6.2. host.create

Creates a new host.

Input

Table 2.64. Parameters

Parameter	Description	Type	Required	Default
hostname	Name of host	hostname	true	
ip	Ip address(es)	array_ip	true	
testing	Execute command in testing mode	boolean	false	false

Output

Table 2.65. Parameters

Parameter	Description	Type	Optional
roId	Id (Repository Object Identifier) of the hostname	int	

6.3. host.delete

Deletes a host.

Input

Table 2.66. Parameters

Parameter	Description	Type	Required	Default
hostname	Name of host	hostname	false	
roId	Id (Repository Object Identifier) of the hostname	int	false	
testing	Execute command in testing mode	boolean	false	false

Output

No additional return parameters

6.4. host.info

Get host details.

Input

Table 2.67. Parameters

Parameter	Description	Type	Required	Default
hostname	Name of host	hostname	false	
roId	Id (Repository Object Identifier) of the hostname	int	false	

Output

Table 2.68. Parameters

Parameter	Description	Type	Optional
roId	Id (Repository Object Identifier) of the hostname	int	
hostname	Name of host	int	
status	Status of the hostname	text64	
ip	List of ip address	ipList	

6.5. host.list

List of hosts.

Input

Table 2.69. Parameters

Parameter	Description	Type	Required	Default
search	Filter by hostname search string	text64	false	*
page	Page number for paging	int	false	1
pagelimit	Max number of results per page	int	false	20

Output

Table 2.70. Parameters

Parameter	Description	Type	Optional
count	Total number of hostnames	int	
host			
... roId	Id (Repository Object Identifier) of the hostname	int	
... hostname	Name of host	token255	
... ip	List of ip address	ipList	
... status	Status of the hostname	text64	

6.6. host.update

Updates a hostname.

Input

Table 2.71. Parameters

Parameter	Description	Type	Required	Default
hostname	Name of host	hostname	false	
roId	Id (Repository Object Identifier) of the hostname	int	false	
ip	Ip address(es)	array_ip	true	
testing	Execute command in testing mode	boolean	false	false

Output

No additional return parameters

7. Hosting

The **hosting** object provides methods to manage the hosting package.

7.1. hosting.controlPanel

Returns the url to the control panel.

Input

Table 2.72. Parameters

Parameter	Description	Type	Required	Default
id	Hosting package id	int	true	
userAgent	User agent of the client browser	text0255	true	

Output

Table 2.73. Parameters

Parameter	Description	Type	Optional
url	Url to the hosting control panal	token255	
ip	Ip address of the client	ip	

7.2. hosting.list

Lists customers hosting packages.

Input

No parameters allowed

Output

Table 2.74. Parameters

Parameter	Description	Type	Optional
count	Total number of hosting packages	int	
hosting			
... id	Id of the hosting package	int	Yes
... product	Name of the hosting package product	int	Yes
... serverNo	Number of the hosting server	int	Yes

8. Message

The **message** object provides methods to query the message queue.

8.1. message.ack

Acknowledge a message from the notification queue.

Input

Table 2.75. Parameters

Parameter	Description	Type	Required	Default
id	Message id	int	true	

Output

No additional return parameters

8.2. message.poll

Get first message from notification queue.

Input

No parameters allowed

Output

Table 2.76. Parameters

Parameter	Description	Type	Optional
count	Number of unread messages	int	
msg			
... type	Type of the message	text64	
... id	Id of the message	int	
... date	Time of the message creation date	dateTime	

Parameter	Description	Type	Optional
... object	Name of object	token255	
... status	Message object status	text64	
... statusDetails	Extra message details	text	Yes

9. Nameserver

The **nameserver** object provides methods to manage the nameserver domains and their records.

9.1. nameserver.check

Checks if the given nameservers are responding accordingly.

Input

Table 2.77. Parameters

Parameter	Description	Type	Required	Default
domain	Domain name	token255	true	
ns	List of nameserver	nsList	true	

Output

Table 2.78. Parameters

Parameter	Description	Type	Optional
details			
... ns	Given nameserver	token255	
... ...	Check message	token255	
... status	Stauts of the nameserver check	text64	

9.2. nameserver.create

Creates a doamin in the nameserver.

Input

Table 2.79. Parameters

Parameter	Description	Type	Required	Default
domain	Domain name	token255	true	
type	Type of nameserver entry	nsType	true	
ns	List of nameserver	nsList	false	
masterIp	Master IP address	ip	false	
web	Web nameserver entry	text0255	false	
mail	Mail nameserver entry	text0255	false	
soaEmail	Email address for SOA record	email	false	
urlRedirectType	Type of the url redirection	urlRedirectType	false	

Parameter	Description	Type	Required	Default
urlRedirectTitle	Title of the frame redirection	text0255	false	
urlRedirectDescription	Description of the frame redirection	text0255	false	
urlRedirectFavIcon	FavIcon of the frame redirection	text0255	false	
urlRedirectKeywords	Keywords of the frame redirection	text0255	false	
testing	Execute command in testing mode	boolean	false	false

Output

Table 2.80. Parameters

Parameter	Description	Type	Optional
roId	Created DNS domain id	int	

9.3. nameserver.createRecord

Creates a new nameserver record.

Input

Table 2.81. Parameters

Parameter	Description	Type	Required	Default
domain	Domain name	token255	false	
roId	DNS domain id	int	false	
type	Type of the nameserver record	recordType	true	
content	Content of the nameserver record	text1024	true	
name	Name of the nameserver record	text0255	false	
ttl	TTL (time to live) of the nameserver record	int	false	3600
prio	Priority of the nameserver record	int	false	0
urlRedirectType	Type of the url redirection	urlRedirectType	false	
urlRedirectTitle	Title of the frame redirection	text0255	false	
urlRedirectDescription	Description of the frame redirection	text0255	false	
urlRedirectFavIcon	FavIcon of the frame redirection	text0255	false	
urlRedirectKeywords	Keywords of the frame redirection	text0255	false	
testing	Execute command in testing mode	boolean	false	false

Output

Table 2.82. Parameters

Parameter	Description	Type	Optional
id	Created record id	int	

9.4. nameserver.delete

Deletes a nameserver domain

Input

Table 2.83. Parameters

Parameter	Description	Type	Required	Default
domain	Domain name	token255	false	
roId	Id (Repository Object Identifier) of the DNS domain	int	false	
testing	Execute command in testing mode	boolean	false	false

Output

No additional return parameters

9.5. nameserver.deleteRecord

Deletes a nameserver record.

Input

Table 2.84. Parameters

Parameter	Description	Type	Required	Default
id	Id of the nameserver record	int	true	
testing	Execute command in testing mode	boolean	false	false

Output

No additional return parameters

9.6. nameserver.info

Get nameserver record details.

Input

Table 2.85. Parameters

Parameter	Description	Type	Required	Default
domain	Search by domain name	token255	false	
roId	Id (Repository Object Identifier) of the DNS domain	int	false	
recordId	Search by record id	int	false	
type	Search by record type	text64	false	
name	Search by record name	text64	false	
content	Search by record content	text1024	false	
ttl	Search by record ttl	int	false	
prio	Search by record priority	int	false	

Output

Table 2.86. Parameters

Parameter	Description	Type	Optional
roId	Id (Repository Object Identifier) of the DNS domain	int	
domain	Domain name	token255	
type	Type of nameserver domain	nsType	
masterIp	Master IP address	ip	Yes
slaveDns			Yes
... name	Hostname of the nameserver	hostname	
... ip	Ip address of the nameserver	ip	
count	Total number of domain records	int	Yes
record			Yes
... id	Id of the nameserver record	int	
... name	Name of the nameserver record	token255	
... type	Type of the nameserver record	recordType	
... content	Content of the nameserver record	text1024	
... ttl	TTL (time to live) of the nameserver record	int	
... prio	Priority of the nameserver record	int	
... urlRedirectType	Type of the url redirection	urlRedirectType	Yes
... urlRedirectTitle	Title of the frame redirection	token255	Yes
... urlRedirectDescription	Description of the frame redirection	token255	Yes
... urlRedirectKeywords	Keywords of the frame redirection	token255	Yes
... urlRedirectFavIcon	FavIcon of the frame redirection	token255	Yes

9.7. nameserver.list

List all nameserver domains.

Input

Table 2.87. Parameters

Parameter	Description	Type	Required	Default
domain	Search by domain name	token0255	false	*
wide	More detailed output	int	false	1
page	Page number for paging	int	false	1
pagelimit	Max number of results per page	int	false	20

Output

Table 2.88. Parameters

Parameter	Description	Type	Optional
count	Total number of nameserver domains	int	
domain			
... roId	Id (Repository Object Identifier) of the DNS domain	int	

Parameter	Description	Type	Optional
... domain	Domain name	array_domain	
... type	Type of nameserver domain	nsType	
... masterIp	Master ip address	ip	Yes
... mail	Mail nameserver entry	ip_url	Yes
... web	Web nameserver entry	ip_url	Yes
... url	Web forwardiung url	url	Yes
... ipv4	Web IPv4 address	ip	Yes
... ipv6	Web IPv6 address	ip	Yes

9.8. nameserver.update

Updates a nameserver domain.

Input

Table 2.89. Parameters

Parameter	Description	Type	Required	Default
domain	Domain name	token255	false	
roId	Id (Repository Object Identifier) of the DNS domain	int	false	
masterIp	Master ip address	ip	false	
ns	List of nameserver	nsList	false	
web	Web nameserver entry	token255	false	
mail	Mail nameserver entry	token255	false	
urlRedirectType	Type of the url redirection	urlRedirectType	false	
urlRedirectTitle	Title of the frame redirection	text0255	false	
urlRedirectDescription	Description of the frame redirection	text0255	false	
urlRedirectFavIcon	FavIcon of the frame redirection	text0255	false	
urlRedirectKeywords	Keywords of the frame redirection	text0255	false	
testing	Execute command in testing mode	boolean	false	false

Output

No additional return parameters

9.9. nameserver.updateRecord

Updates a nameserver record.

Input

Table 2.90. Parameters

Parameter	Description	Type	Required	Default
id	Id of the record	array_int	true	

Parameter	Description	Type	Required	Default
name	Name of the nameserver record	text0255	false	
type	Type of the nameserver record	recordType	false	
content	Content of the nameserver record	text1024	false	
prio	Priority of the nameserver record	int	false	
ttl	TTL (time to live) of the nameserver record	int	false	
urlRedirectType	Type of the url redirection	urlRedirectType	false	
urlRedirectTitle	Title of the frame redirection	text0255	false	
urlRedirectDescription	Description of the frame redirection	text0255	false	
urlRedirectFavIcon	FavIcon of the frame redirection	text0255	false	
urlRedirectKeywords	Keywords of the frame redirection	text0255	false	
testing	Execute command in testing mode	boolean	false	false

Output

No additional return parameters

10. NameserverSet

The **nameserverset** object provides methods to manage (create, update, list etc.) your nameserver sets.

10.1. nameserverset.create

Creates a new nameserver set

Input

Table 2.91. Parameters

Parameter	Description	Type	Required	Default
type	Type of the nameserver set	nsSetType	true	
name	Name of the nameserver set	text0255	false	
ns	List of nameserver	nsList	true	
hostmaster	Email address of the hostmaster	email	false	
visible	Is visible	boolean	false	true
prio	Priority of the nameserver set	int	false	0
web	Web nameserver entry	ip_url	false	
mail	Mail nameserver entry	ip_host	false	
masterIp	Master IP address	ip	false	
testing	Execute command in testing mode	boolean	false	false

Output

Table 2.92. Parameters

Parameter	Description	Type	Optional
id	Id of the created nameserver set	int	

10.2. nameserverset.delete

Deletes a nameserver set.

Input

Table 2.93. Parameters

Parameter	Description	Type	Required	Default
id	Id of the nameserver set	int	true	
testing	Execute command in testing mode	boolean	false	false

Output

No additional return parameters

10.3. nameserverset.info

Get details of the nameserver set.

Input

Table 2.94. Parameters

Parameter	Description	Type	Required	Default
id	Id of the nameserver set	int	true	

Output

Table 2.95. Parameters

Parameter	Description	Type	Optional
id	Id of the nameserver set	token255	
roId	Id (Repository Object Identifier) of the nameserver set	int	
name	Name of the nameserver set	text0255	Yes
readOnly	Is read only nameserver set	boolean	
type	Type of the nameserver set	nsSetType	
ns	List of nameserver	nsList	
hostmaster	Email address of the hostmaster	email	
visible	Is visible	boolean	
prio	Priority of the nameserver set	int	
web	Web nameserver entry	ip_url	Yes
mail	Mail nameserver entry	ip_host	Yes
masterIp	Master IP address	ip	Yes

10.4. nameserverset.list

List all nameserver sets.

Input

Table 2.96. Parameters

Parameter	Description	Type	Required	Default
readOnly	List only readable contact handle	boolean	false	
wide	More detailed output	boolean	false	false
page	Page number for paging	int	false	1
pagelimit	Max number of results per page	int	false	20

Output

Table 2.97. Parameters

Parameter	Description	Type	Optional
count	Total number of nameserver sets	int	
nsset			
... id	Id of the nameserver set	int	
... roId	Id (Repository Object Identifier) of the nameserver set	int	
... name	Name of the nameserver set	text0255	Yes
... ns	List of nameserver	nsList	
... readOnly	Is read only	boolean	Yes
... type	Type of nameserver set	nsSetType	Yes
... hostmaster	Email address of the hostmaster	email	Yes
... visible	Is visible	boolean	Yes
... prio	Priority of the nameserver set	int	Yes
... web	Web nameserver entry	ip_url	Yes
... mail	Mail nameserver entry	ip_host	Yes
... masterIp	Master IP address	ip	Yes

10.5. nameserverset.update

Udates an existing nameserver set.

Input

Table 2.98. Parameters

Parameter	Description	Type	Required	Default
id	Id of the nameserver set	int	true	
type	Type of the nameserver set	nsSetType	false	
name	Name of the nameserver set	text0255	false	
ns	List of nameserver	nsList	false	
hostmaster	Email address of the hostmaster	email	false	
visible	Is visible	boolean	false	
prio	Priority of the nameserver set	int	false	

Parameter	Description	Type	Required	Default
web	Web nameserver entry	ip_url	false	
mail	Mail nameserver entry	ip_host	false	
masterIp	Master IP address	ip	false	
testing	Execute command in testing mode	boolean	false	false

Output

No additional return parameters

11. Pdf

The **pdf** object provides methods to get required (pdf) documents.

11.1. pdf.get

Get a required pdf document.

Input

Table 2.99. Parameters

Parameter	Description	Type	Required	Default
domain	Domain name	text64	true	
extData	Domain extra data	extData	false	

Output

Table 2.100. Parameters

Parameter	Description	Type	Optional
pdf	Pdf document as base64 encoded	base64	

12. Tag

The **tag** object provides methods to manage (create, update, list etc.) your tags.

12.1. tag.create

Creates a new tag.

Input

Table 2.101. Parameters

Parameter	Description	Type	Required	Default
name	Name of tag	token255	true	

Output

Table 2.102. Parameters

Parameter	Description	Type	Optional
id	Id of the created tag	int	

12.2. tag.delete

Delete a tag.

Input

Table 2.103. Parameters

Parameter	Description	Type	Required	Default
id	Id of the tag	int	true	

Output

No additional return parameters

12.3. tag.info

Get tag info.

Input

Table 2.104. Parameters

Parameter	Description	Type	Required	Default
id	Id of the tag	int	true	

Output

Table 2.105. Parameters

Parameter	Description	Type	Optional
id	Id of the tag	int	
name	Name of tag	token255	

12.4. tag.list

List of all exsiting tags.

Input

Table 2.106. Parameters

Parameter	Description	Type	Required	Default
domain	Filter by domain name	array_domain	false	

Parameter	Description	Type	Required	Default
id	Filter by tag ids	array_int	false	

Output

Table 2.107. Parameters

Parameter	Description	Type	Optional
count	Total number of tags	int	
tag			
... id	Id of the tag	int	
... name	Name of the tag	token255	

12.5. tag.update

Updates an existing tag.

Input

Table 2.108. Parameters

Parameter	Description	Type	Required	Default
id	Id of the tag	int	true	
name	New tag name	token255	false	
add	Set tag to object	tagUpdateAdd	false	
rem	Set tag to object	tagUpdateRem	false	

Output

No additional return parameters

Chapter 3. Datatypes

_true

Only a boolean true value is allowed

addressTitle

Address title

- `MISS`
- `MISTER`
- `COMPANY`

applicationOrder

Sort order of the application list

- `DOMAINASC`
- `DOMAINDESC`
- `PRICEASC`
- `PRICEDESC`
- `REGISTRANTASC`
- `REGISTRANTDESC`

array_domain

One or a list of valid domain name(s)

array_float

A list or one float value

array_int

A list or one integer value

array_ip

A list or one valid ip (v4 or v6) address

array_text10

A list or one string value with a minimum lenght of 2 and maximum length of 10 characters

array_text255

A list or one string value with a maximum length of 255 characters

array_text64

A list or one string value with a maximum length of 64 characters

auDomainIdType

.AU domain ID type

- `ABN` : Australian Business Number
- `ACN` : Australian Company Number
- `OTHER` : Other

auDomainRelation

.AU domain relation

- `1` : 2LD Domain name is an exact match, acronym or abbreviation of the registrant's company or trading name, organization or association name or trademark.
- `2` : 2LD Domain Name is closely and substantially connected to the registrant.

auDomainRelationType

.AU domain relation type

- `Company` : Company
- `Registered Business` : Registered Business
- `Sole Trader` : Sole Trader
- `Partnership` : Partnership
- `Trademark Owner` : Trademark Owner
- `Pending TM Owner` : Pending TM Owner
- `Incorporated Association` : Incorporated Association
- `Club` : Club
- `Non-profit Organisation` : Non-profit Organisation
- `Charity` : Charity
- `Trade Union` : Trade Union
- `Industry Body` : Industry Body
- `Commercial Statutory Body` : Commercial Statutory Body
- `Political Party` : Political Party
- `Citizen/Resident` : Citizen/Resident
- `Other` : Other

base64

Base64 encoded file data

boolean

A boolean value

- `0`
- `1`

caLegalType

.CA Legal Type

- `CCO` : Corporation (Canada or Canadian province or territory)
- `CCT` : Canadian citizen
- `RES` : Permanent Resident of Canada
- `GOV` : Government or government entity in Canada
- `EDU` : Canadian Educational Institution
- `ASS` : Canadian Unincorporated Association
- `HOP` : Canadian Hospital
- `PRT` : Partnership Registered in Canada
- `TDM` : Trade-mark registered in Canada (by a non-Canadian owner)
- `TRD` : Canadian Trade Union
- `PLT` : Canadian Political Party
- `LAM` : Canadian Library, Archive or Museum
- `TRS` : Trust established in Canada
- `ABO` : Aboriginal Peoples (individuals or groups) indigenous to Canada
- `INB` : Indian Band recognized by the Indian Act of Canada
- `LGR` : Legal Representative of a Canadian Citizen or Permanent Resident
- `OMK` : Official mark registered in Canada
- `MAJ` : Her Majesty the Queen

coIdRegistrationBasis

.CO.ID Registration Basis

- `organization` : Organization name
- `trademark` : Trademark

contact

Contact data

```
roId (int)
id (text64)
type (contactType)
name (text64)
org (text64)
street (text64)
city (text64)
pc (text10)
sp (text064)
cc (country)
voice (phone)
fax (phone)
email (email)
remarks (text255)
protection (boolean)
```

contactOrder

Sort order of the contact list result

- `IDDESC`
- `IDASC`
- `NAMEDESC`
- `NAMEASC`

contactType

Allowed types of contact

- `ORG`

- `PERSON`
- `ROLE`

country

Country in 2 letter country codes (ISO-3166-1)

- `AF` : AFGHANISTAN
- `AX` : ALAND ISLANDS
- `AL` : ALBANIA
- `DZ` : ALGERIA
- `AS` : AMERICAN SAMOA
- `AD` : ANDORRA
- `AO` : ANGOLA
- `AI` : ANGUILLA
- `AQ` : ANTARCTICA
- `AG` : ANTIGUA AND BARBUDA
- `AR` : ARGENTINA
- `AM` : ARMENIA
- `AW` : ARUBA
- `AC` : ASCENSION ISLAND
- `AU` : AUSTRALIA
- `AT` : AUSTRIA
- `AZ` : AZERBAIJAN
- `BS` : BAHAMAS
- `BH` : BAHRAIN
- `BD` : BANGLADESH
- `BB` : BARBADOS
- `BY` : BELARUS
- `BE` : BELGIUM
- `BZ` : BELIZE
- `BJ` : BENIN
- `BM` : BERMUDA
- `BT` : BHUTAN
- `BO` : BOLIVIA
- `BA` : BOSNIA AND HERZEGOVINA
- `BW` : BOTSWANA
- `BV` : BOUVET ISLAND
- `BR` : BRAZIL
- `IO` : BRITISH INDIAN OCEAN TERRITORY
- `BN` : BRUNEI DARUSSALAM
- `BG` : BULGARIA
- `BF` : BURKINA FASO
- `BI` : BURUNDI
- `KH` : CAMBODIA
- `CM` : CAMEROON
- `CA` : CANADA
- `CV` : CAPE VERDE
- `KY` : CAYMAN ISLANDS
- `CF` : CENTRAL AFRICAN REPUBLIC
- `TD` : CHAD
- `CL` : CHILE
- `CN` : CHINA
- `CX` : CHRISTMAS ISLAND
- `CC` : COCOS (KEELING) ISLANDS
- `CO` : COLOMBIA
- `KM` : COMOROS
- `CG` : CONGO
- `CD` : CONGO, THE DEMOCRATIC REPUBLIC OF THE
- `CK` : COOK ISLANDS
- `CR` : COSTA RICA
- `CI` : COTE D IVOIRE

- `HR` : CROATIA
- `CU` : CUBA
- `CY` : CYPRUS
- `CZ` : CZECH REPUBLIC
- `DK` : DENMARK
- `DJ` : DJIBOUTI
- `DM` : DOMINICA
- `DO` : DOMINICAN REPUBLIC
- `EC` : ECUADOR
- `EG` : EGYPT
- `SV` : EL SALVADOR
- `GQ` : EQUATORIAL GUINEA
- `ER` : ERITREA
- `EE` : ESTONIA
- `ET` : ETHIOPIA
- `FK` : FALKLAND ISLANDS (MALVINAS)
- `FO` : FAROE ISLANDS
- `FJ` : FIJI
- `FI` : FINLAND
- `FR` : FRANCE
- `GF` : FRENCH GUIANA
- `PF` : FRENCH POLYNESIA
- `TF` : FRENCH SOUTHERN TERRITORIES
- `GA` : GABON
- `GM` : GAMBIA
- `GE` : GEORGIA
- `DE` : GERMANY
- `GH` : GHANA
- `GI` : GIBRALTAR
- `GR` : GREECE
- `GL` : GREENLAND
- `GD` : GRENADA
- `GP` : GUADELOUPE
- `GU` : GUAM
- `GT` : GUATEMALA
- `GG` : GUERNSEY
- `GN` : GUINEA
- `GW` : GUINEA-BISSAU
- `GY` : GUYANA
- `HT` : HAITI
- `HM` : HEARD ISLAND AND MCDONALD ISLANDS
- `VA` : HOLY SEE (VATICAN CITY STATE)
- `HN` : HONDURAS
- `HK` : HONG KONG
- `HU` : HUNGARY
- `IS` : ICELAND
- `IN` : INDIA
- `ID` : INDONESIA
- `IR` : IRAN, ISLAMIC REPUBLIC OF
- `IQ` : IRAQ
- `IE` : IRELAND
- `IM` : ISLE OF MAN
- `IL` : ISRAEL
- `IT` : ITALY
- `JM` : JAMAICA
- `JP` : JAPAN
- `JE` : JERSEY
- `JO` : JORDAN
- `KZ` : KAZAKHSTAN
- `KE` : KENYA
- `KI` : KIRIBATI
- `KP` : KOREA, DEMOCRATIC PEOPLES REPUBLIC OF
- `KR` : KOREA, REPUBLIC OF

- `KW` : KUWAIT
- `KG` : KYRGYZSTAN
- `LA` : LAO PEOPLES DEMOCRATIC REPUBLIC
- `LV` : LATVIA
- `LB` : LEBANON
- `LS` : LESOTHO
- `LR` : LIBERIA
- `LY` : LIBYAN ARAB JAMAHIRIYA
- `LI` : LIECHTENSTEIN
- `LT` : LITHUANIA
- `LU` : LUXEMBOURG
- `MO` : MACAO
- `MK` : MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF
- `MG` : MADAGASCAR
- `MW` : MALAWI
- `MY` : MALAYSIA
- `MV` : MALDIVES
- `ML` : MALI
- `MT` : MALTA
- `MH` : MARSHALL ISLANDS
- `MQ` : MARTINIQUE
- `MR` : MAURITANIA
- `MU` : MAURITIUS
- `YT` : MAYOTTE
- `MX` : MEXICO
- `FM` : MICRONESIA, FEDERATED STATES OF
- `MD` : MOLDOVA, REPUBLIC OF
- `MC` : MONACO
- `MN` : MONGOLIA
- `ME` : MONTENEGRO
- `MS` : MONTSERRAT
- `MA` : MOROCCO
- `MZ` : MOZAMBIQUE
- `MM` : MYANMAR
- `NA` : NAMIBIA
- `NR` : NAURU
- `NP` : NEPAL
- `NL` : NETHERLANDS
- `AN` : NETHERLANDS ANTILLES
- `NC` : NEW CALEDONIA
- `NZ` : NEW ZEALAND
- `NI` : NICARAGUA
- `NE` : NIGER
- `NG` : NIGERIA
- `NU` : NIUE
- `NF` : NORFOLK ISLAND
- `MP` : NORTHERN MARIANA ISLANDS
- `NO` : NORWAY
- `OM` : OMAN
- `PK` : PAKISTAN
- `PW` : PALAU
- `PS` : PALESTINIAN TERRITORY, OCCUPIED
- `PA` : PANAMA
- `PG` : PAPUA NEW GUINEA
- `PY` : PARAGUAY
- `PE` : PERU
- `PH` : PHILIPPINES
- `PN` : PITCAIRN
- `PL` : POLAND
- `PT` : PORTUGAL
- `PR` : PUERTO RICO
- `QA` : QATAR
- `RE` : REUNION

- `RO` : ROMANIA
- `RU` : RUSSIAN FEDERATION
- `RW` : RWANDA
- `BL` : SAINT BARTHELEMY
- `SH` : SAINT HELENA
- `KN` : SAINT KITTS AND NEVIS
- `LC` : SAINT LUCIA
- `MF` : SAINT MARTIN
- `PM` : SAINT PIERRE AND MIQUELON
- `VC` : SAINT VINCENT AND THE GRENADINES
- `WS` : SAMOA
- `SM` : SAN MARINO
- `ST` : SAO TOME AND PRINCIPE
- `SA` : SAUDI ARABIA
- `SN` : SENEGAL
- `RS` : SERBIA
- `SC` : SEYCHELLES
- `SL` : SIERRA LEONE
- `SG` : SINGAPORE
- `SK` : SLOVAKIA
- `SI` : SLOVENIA
- `SB` : SOLOMON ISLANDS
- `SO` : SOMALIA
- `ZA` : SOUTH AFRICA
- `GS` : SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS
- `ES` : SPAIN
- `LK` : SRI LANKA
- `SD` : SUDAN
- `SR` : SURINAME
- `SJ` : SVALBARD AND JAN MAYEN
- `SZ` : SWAZILAND
- `SE` : SWEDEN
- `CH` : SWITZERLAND
- `SY` : SYRIAN ARAB REPUBLIC
- `TW` : TAIWAN, PROVINCE OF CHINA
- `TJ` : TAJIKISTAN
- `TZ` : TANZANIA, UNITED REPUBLIC OF
- `TH` : THAILAND
- `TL` : TIMOR-LESTE
- `TG` : TOGO
- `TK` : TOKELAU
- `TO` : TONGA
- `TT` : TRINIDAD AND TOBAGO
- `TN` : TUNISIA
- `TR` : TURKEY
- `TM` : TURKMENISTAN
- `TC` : TURKS AND CAICOS ISLANDS
- `TV` : TUVALU
- `UG` : UGANDA
- `UA` : UKRAINE
- `AE` : UNITED ARAB EMIRATES
- `GB` : UNITED KINGDOM
- `US` : UNITED STATES
- `UM` : UNITED STATES MINOR OUTLYING ISLANDS
- `UY` : URUGUAY
- `UZ` : UZBEKISTAN
- `VU` : VANUATU
- `VE` : VENEZUELA, BOLIVARIAN REPUBLIC OF
- `VN` : VIET NAM
- `VG` : VIRGIN ISLANDS, BRITISH
- `VI` : VIRGIN ISLANDS, U.S.
- `WF` : WALLIS AND FUTUNA
- `EH` : WESTERN SAHARA

- `YE` : YEMEN
- `ZM` : ZAMBIA
- `ZW` : ZIMBABWE

date

Date string in the format yyyy-MM-dd

dateTime

Date in ISO 8601 format

domainLogOrder

Domain log sort order values

- `LOGTIMEASC`
- `LOGTIMEDESC`

domainOrder

Domain list sort order values

- `DOMAINASC`
- `DOMAINDESC`
- `STATUSASC`
- `STATUSDESC`
- `CRDATEASC`
- `CRDATEDESC`
- `EXDATEASC`
- `EXDATEDESC`
- `REDATEASC`
- `REDATEDESC`
- `TRANSFERLOCKASC`
- `TRANSFERLOCKDESC`
- `UPDATEASC`
- `UPDATEDESC`
- `SCDATEASC`
- `SCDATEDESC`
- `RENEWALMODEASC`
- `RENEWALMODEDESC`

dunsNumber

DUNS number

email

Valid email address

emailoptional

An optional (can be an empty string) valid email address

extData

Domain extra data

  NO-DOMAIN-CHECK (boolean)
  NO-HOST-CHECK (boolean)
  BIRTH-DATE (date)
  BIRTH-CITY (text64)
  BIRTH-COUNTRY (country)
  BIRTH-PC (text64)
  VAT-NUMBER (vatNo_International)
  IDCARD-OR-PASSPORT-NUMBER (text64)
  SELLER-IDCARD-OR-PASSPORT-NUMBER (text64)
  IDCARD-OR-PASSPORT-ISSUER (text64)
  IDCARD-OR-PASSPORT-ISSUE-DATE (date)
  COMPANY-NUMBER (text64)
  SELLER-CEO-NAME (token255)
  SELLER-VAT-NUMBER (vatNo_International)
  FORMATION-DATE (date)
  ACCEPT-TRUSTEE-TAC (boolean)
  WHOIS-PROTECTION (boolean)
  NICSE-IDNUMBER (seIdNo)
  IT-CODICE-FISCALE (itCodiceFiscale)
  NAME-EMAIL-FORWARD (email)
  EXPIRE-DOMAIN (boolean)
  SK-LEGAL-FORM (skLegalForm)
  CA-LEGALTYPE (caLegalType)
  NAME-EMAIL-FORWARD (email)
  AE-REGISTRANT-WARRANTY-STATEMENT (_true)
  TRAVEL-UIN (int)
  US-NEXUS-APPPURPOSE (usPurpose)
  US-NEXUS-CATEGORY (usCategory)
  JOBS-COMPANYURL (text64)
  PRO-ACCEPT-TOU (_true)
  PRO-AV-PROFESSIONTYPE (text64)
  PRO-AV-LICENSE-NUMBER (text64)
  PRO-AV-LICENSE-ISSUE-DATE (date)
  PRO-AV-LICENSE-AUTHORITY (text64)
  PRO-AV-LICENSE-AUTHORITY-COUNTRY (country)
  PRO-AV-LICENSE-AUTHORITY-WEBSITE (text64)
  CN-NO-WEBSITE (boolean)
  CN-REGISTRATION-TAC-APPROVED (boolean)
  CN-ICP-NUMBER (text64)
  TAX-NUMBER (text64)
  TECH-VAT-NUMBER (vatNo_International)
  TECH-TAX-NUMBER (text64)
  TRADEMARK-NAME (text64)
  TRADEMARK-NUMBER (text64)
  TRADEMARK-DATE (date)
  FI-TRADEMARK-TYPE (fiTrademarkType)
  FI-HENKILOTUNNUS (fiHenkilotunnus)
  IE-TRADEMARK-TYPE (ieTrademarkType)
  IE-REGISTRATION-BASIS (ieRegistrationBasis)
  PT-TRADEMARK-TYPE (ptTrademarkType)
  PT-LEGITIMACY (ptLegitimacy)
  PT-REGISTRATION-BASIS (ptRegistrationBasis)
  PT-DOMAIN-ROID (text64)
  AERO-ENS-AUTH-ID (text64)
  AERO-ENS-AUTH-KEY (text64)
  COID-REGISTRATION-BASIS (coIdRegistrationBasis)
  LEGAL-REPRESENTATIVE-POSITION (text64)
  OWNER-BUSINESS-AREAS (text64)

ADMIN-BIRTH-DATE (date)
ADMIN-IDCARD-OR-PASSPORT-NUMBER (text64)
TECH-BIRTH-DATE (date)
TECH-IDCARD-OR-PASSPORT-NUMBER (text64)
KZ-SERVER-PHYSICAL-LOCATION-ADDRESS (text64)
KZ-SERVER-PHYSICAL-LOCATION-CITY (text64)
KZ-SERVER-PHYSICAL-LOCATION-SP (kzStateProvince)
AU-DOMAIN-IDTYPE (auDomainIdType)
AU-DOMAIN-RELATION (auDomainRelation)
AU-DOMAIN-RELATIONTYPE (auDomainRelationType)
DUNS-NUMBER (dunsNumber)
EEA-LOCAL-ID (text64)
XXX-MEMBERSHIP-ID (text64)
XXX-MEMBERSHIP-PASSWORD (text64)
XXX-NONRESOLVER (boolean)
XXX-REAL-NAME (text64)
XXX-REAL-EMAIL (text64)
UA-TRADEMARK-TYPE (uaTrademarkType)
KR-CTFY-TYPE (krCtfyType)
KR-CTFY-NO (text64)
HR-OIB (hrOib)
I-CART-ID (text64)
OWNER-CONTACT-NAME-IS-LEGAL-REPRESENTATIVE (_true)
COCCA-REGISTRATION-TAC-APPROVED (_true)
BG-REGISTRATION-TAC-APPROVED (_true)
MW-DOMAIN-PURPOSE (text255)

extDataApplication

Domain application extra data

ORIGINAL-NAME (text64)
ACCEPT-TRUSTEE-TAC (boolean)
BIRTH-DATE (date)
BIRTH-CITY (text64)
BIRTH-COUNTRY (country)
BIRTH-PC (text64)

extDataTrade

Domain extra data for domain trade

NO-DOMAIN-CHECK (boolean)
NO-HOST-CHECK (boolean)
BIRTH-DATE (date)
BIRTH-CITY (text64)
BIRTH-COUNTRY (country)
BIRTH-PC (text64)
VAT-NUMBER (vatNo_International)
TAX-NUMBER (text64)
TECH-VAT-NUMBER (vatNo_International)
TECH-TAX-NUMBER (text64)
IDCARD-OR-PASSPORT-NUMBER (text64)
SELLER-IDCARD-OR-PASSPORT-NUMBER (text64)
SELLER-CEO-NAME (text64)
SELLER-VAT-NUMBER (vatNo_International)
SELLER-EMAIL (email)
COMPANY-NUMBER (text64)
ACCEPT-TRUSTEE-TAC (boolean)
WHOIS-PROTECTION (boolean)
IT-CODICE-FISCALE (itCodiceFiscale)
EXPIRE-DOMAIN (boolean)
SK-LEGAL-FORM (skLegalForm)

CA-LEGALTYPE (caLegalType)
LU-TRADE-TAC-APPROVED (_true)
AE-REGISTRANT-WARRANTY-STATEMENT (boolean)
TRAVEL-UIN (int)
US-NEXUS-APPPURPOSE (usPurpose)
US-NEXUS-CATEGORY (usCategory)
ASIA-CED-CCLOCALITY (text64)
ASIA-CED-CONTACT (text64)
ASIA-CED-IDENTFORM (text64)
ASIA-CED-IDENTNUMBER (text64)
ASIA-CED-LEGALENTITYTYPE (text64)
LU-ACCEPT-TRADE-TAC (boolean)
DUNS-NUMBER (dunsNumber)
EEA-LOCAL-ID (text64)
KR-CTFY-TYPE (krCtfyType)
KR-CTFY-NO (text64)
I-CART-ID (text64)

extDataTransfer

Domain extra data for domain transfer

NO-DOMAIN-CHECK (boolean)
NO-HOST-CHECK (boolean)
BIRTH-DATE (date)
BIRTH-CITY (text64)
BIRTH-COUNTRY (country)
BIRTH-PC (text64)
VAT-NUMBER (vatNo_International)
TAX-NUMBER (text64)
ADMIN-BIRTH-DATE (date)
ADMIN-IDCARD-OR-PASSPORT-NUMBER (text64)
TECH-BIRTH-DATE (date)
TECH-IDCARD-OR-PASSPORT-NUMBER (text64)
TECH-VAT-NUMBER (vatNo_International)
TECH-TAX-NUMBER (text64)
IDCARD-OR-PASSPORT-NUMBER (text64)
SELLER-IDCARD-OR-PASSPORT-NUMBER (text64)
SELLER-CEO-NAME (text64)
SELLER-VAT-NUMBER (vatNo_International)
IDCARD-OR-PASSPORT-ISSUER (text64)
IDCARD-OR-PASSPORT-ISSUE-DATE (date)
COMPANY-NUMBER (text64)
FORMATION-DATE (date)
ACCEPT-TRUSTEE-TAC (boolean)
WHOIS-PROTECTION (boolean)
IT-CODICE-FISCALE (itCodiceFiscale)
EXPIRE-DOMAIN (boolean)
SK-LEGAL-FORM (skLegalForm)
CA-LEGALTYPE (caLegalType)
LU-TRANSFER-TAC-APPROVED (_true)
NICSE-IDNUMBER (seIdNo)
NAME-EMAIL-FORWARD (email)
AE-REGISTRANT-WARRANTY-STATEMENT (boolean)
TRAVEL-UIN (int)
US-NEXUS-APPPURPOSE (usPurpose)
US-NEXUS-CATEGORY (usCategory)
LU-ACCEPT-TRANSFER-TAC (boolean)
AU-DOMAIN-IDTYPE (auDomainIdType)
AU-DOMAIN-RELATION (auDomainRelation)
AU-DOMAIN-RELATIONTYPE (auDomainRelationType)
DUNS-NUMBER (dunsNumber)
EEA-LOCAL-ID (text64)

KR-CTFY-TYPE (krCtfyType)
KR-CTFY-NO (text64)
HR-OIB (hrOib)
PT-DOMAIN-ROID (text64)
I-CART-ID (text64)
LEGAL-REPRESENTATIVE-POSITION (text64)

fiHenkilotunnus

FI Henkilötunnus

fiTrademarkType

.FI Trademark Office

- `FI` : National Board of Patents and Registration of Finland (PRH)
- `EM` : Office for Harmonization in the Internal Market (OHIM/HABM/IHMI/OAMI/OHMI/UAMI)
- `WO` : World Intellectual Property Organization (OMPI/MOIP/WIPO)

float

A valid float value

float_signed

A valid signed float value

hashmap

Associative array

hostname

A valid hostname

hrOib

Croatian personal identification number

ptRegistrationBasis

.IE Registration Basis

- `TRADEMARK` : Domain name based on Trade Mark
- `INVOICES` : Copies of invoices showing trade to or from Ireland
- `BROCHURES` : High-quality brochures showing a significant intention to trade in Ireland

ieTrademarkType

.IE Trademark Type

- `IE` : Irish Patents Office

- `EM` : Office for Harmonization in the Internal Market (OHIM/HABM/IHMI/OAMI/OHMI/UAMI)
- `WO` : World Intellectual Property Organization (OMPI/MOIP/WIPO)

int

A valid integer value

ip

A valid ip (v4 or v6) address

ipList

A valid list of ip (v4 or v6) addresses

ip_url

A valid ip (v4 or v6) or host address

ip_url

A valid ip (v4 or v6) or url address

itCodiceFiscale

Italian Fiscal Code

krCtfyType

.KR Certify Type

- `BUSINESS` : Business Registration Certificate
- `SOCIAL` : Social Security Card
- `CORP` : Corporation Registration Certificate
- `UNIQUE` : Unique Number Certificate
- `TAX` : Tax Registration Certificate
- `ORG` : Organization Registration Certificate
- `BRAND` : Brand Name Registration Certificate
- `SERVICE` : Service Name Registration Certificate
- `SCHOOL` : School Foundation Certificate
- `AUXLAB` : Auxiliary LAB Certificate
- `ORGVOU` : Organization Voucher
- `ESTABLISHMENT` : Establishment Authorization Certificate
- `BYLAWS` : Bylaws & Rules
- `FOREIGNER` : Foreigner registration Certificate
- `DRIVELIC` : Drive License
- `PASSPORT` : Passport
- `ETC` : etc

kzStateProvince

.KZ state or province

- `KZ-ALA` : Almaty
- `KZ-AST` : Astana
- `KZ-ALM` : Almaty oblysy
- `KZ-AKM` : Aqmola oblysy
- `KZ-AKT` : Aqtöbe oblysy
- `KZ-ATY` : Atyra# oblysy
- `KZ-ZAP` : Batys Qazaqstan oblysy
- `KZ-MAN` : Mangghysta# oblysy
- `KZ-YUZ` : Ongtüstik Qazaqstan oblysy
- `KZ-PAV` : Pavlodar oblysy
- `KZ-KAR` : Qaraghandy oblysy
- `KZ-KUS` : Qostanay oblysy
- `KZ-KZY` : Qyzylorda oblysy
- `KZ-VOS` : Shyghys Qazaqstan oblysy
- `KZ-SEV` : Soltüstik Qazaqstan oblysy
- `KZ-ZHA` : Zhambyl oblysy

language

Language in 2 letter code

- `EN` : English
- `DE` : Deutsch

nsList

List of valid nameserver

nsSetType

Type of nameserver set

- `PRIMARY`
- `SECONDARY`
- `EXTERNAL`

nsType

Type of nameserver

- `MASTER`
- `SLAVE`

paymentType

Type of payment

- `PAYPAL`
- `BANKTRANSFER`

period

Allowed periods

- `1M`
- `1Y`
- `2Y`
- `3Y`
- `4Y`

- `5Y`
- `6Y`
- `7Y`
- `8Y`
- `9Y`
- `10Y`

phone

A valid phone number in international format +49.178645376-78.

phoneoptional

A valid phone number in international format +49.178645376-78 (can be empty).

ptLegitimacy

.PT Legitimacy

- `PC` : PC - Corporate Entity
- `PS` : PS - Individual Entity

ptRegistrationBasis

.PT Registration Basis

- `L` : L - Domain will pre-registered for liberalization of .PT on May 1, 2012
- `7A` : 7A - Coincides with constituted right owned by the applicant
- `6A` : 6A - Coincides with the name, abbreviation or acronym of the domain holder
- `6J` : 6J - Coincides with the name, abbreviation or acronym of a Self-employed Person
- `6K` : 6K - Coincides with the document as Liberal Professional

ptTrademarkType

.PT Trademark Office

- `PT` : Instituto Nacional da Propriedade Industrial (INPI)
- `EM` : Office for Harmonization in the Internal Market (OHIM/HABM/IHMI/OAMI/OHMI/UAMI)
- `WO` : World Intellectual Property Organization (OMPI/MOIP/WIPO)

recordType

Type of record

- `A`
- `AAAA`
- `AFSDB`
- `CERT`
- `CNAME`
- `DNSKEY`
- `DS`
- `HINFO`
- `KEY`
- `LOC`
- `MX`
- `NAPTR`
- `NS`
- `PTR`

- RP
- RRSIG
- SOA
- SPF
- SRV
- SSHFP
- TXT
- URL

refundType

Type of refund

- BANKTRANSFER

region

Geographic location

- DEFAULT
- EUROPE
- ASIA
- AFRICA
- OCEANIA
- AMERICAS
- GENERIC
- ALL

remarks

A string value with a maximum length of 255 characters

renewalMode

Allowed renewal modes

- AUTORENEW
- AUTODELETE
- AUTOEXPIRE

seIdNo

SE Id-Number

skLegalForm

.SK Legal Form

- AS : Company (a.s.)
- FO : Personal
- OTHER : Other
- SRO : Company (s.r.o.)
- Z : self employed

tagUpdateAdd

atomic tag update

domainId (array_int)

tagUpdateRem

atomic tag update

domainId (array_int)

text

A string value with a unlimted lenght characters

text0255

A string value with a maximum length of 255 characters

text064

A string value with a maximum length of 64 characters

text10

A string value with a minimum length of 2 and a maximum length of 10 characters

text1024

A string value with a minimum length of 1 and a maximum length of 1024 characters

text255

A string value with a minimum length of 1 and a maximum length of 255 characters

text64

A string value with a minimum length of 1 and a maximum length of 64 characters

timestamp

Timestamp in the ISO-8601 format (e.g. '2004-05-23T14:25:10')

token255

A string value with a minimum length of 1 and a maximum length of 255 characters

token255

A string value with a minimum length of 1 and a maximum length of 255 characters

transferAnswer

Transfer answer

- `ACK`
- `NACK`

transferMode

Allowed transfer modes

- `DEFAULT`
- `AUTOAPPROVE`
- `AUTODENY`

uaTrademarkType

.UA Trademark Type

- `UA` : Ukrainian Institute of Industrial Property (UIIP)
- `WO` : World Intellectual Property Organization (OMPI/MOIP/WIPO)

urlRedirectType

Allowed types of url redirection

- `HEADER301`
- `HEADER302`
- `FRAME`

usCategory

US Nexus Category

- `C11` : A natural person who is a United States citizen
- `C12` : A natural person who is a permanent resident of the United States of America, or any of its possessions or territories
- `C21` : A U.S.-based organization or company [A U.S.-based organization or company formed within one of the fifty (50) U.S. states, the District of Columbia, or any of the United States possessions or territories, or orga nized or otherwise constituted under the laws of a state of the United States of America, the District of Columbia or any of its possessions or territories or a U.S. federal, state, or local government entity or a political subdivision thereof.]
- `C31` : A foreign entity or organization [A foreign entity or organization that has a bona fide presence in the United States of America or any of its possessions or territories who regularly engages in lawful activities (sales of goods or services or other business, commercial or non-commercial, including not-for-profit relations in the United States).]
- `C32` : Entity has an office or other facility in the United States

usPurpose

US Nexus Application Purpose

- `P1` : Business use for profit
- `P2` : Non-profit business, club, association, religious organization, etc.
- `P3` : Personal use
- `P4` : Education purposes
- `P5` : Government purposes

username

A valid username

vatNo

A valid VAT number

vatNoInternational

A valid international VAT number

Chapter 4. Result Codes

1000	Command completed successfully
1001	Command completed successfully; action pending
1300	Command completed successfully; no messages
1301	Command completed successfully; ack to dequeue
1500	Command completed successfully; ending session
2000	Unknown command
2001	Command syntax error
2002	Command use error
2003	Required parameter missing
2004	Parameter value range error
2005	Parameter value syntax error
2101	Unimplemented command
2102	Unimplemented option
2103	Unimplemented extension
2104	Billing failure
2105	Object is not eligible for renewal
2106	Object is not eligible for transfer
2200	Authentication error
2201	Authorization error
2202	Invalid authorization information
2300	Object pending transfer
2301	Object not pending transfer
2302	Object exists
2303	Object does not exist
2304	Object status prohibits operation
2305	Object association prohibits operation
2306	Parameter value policy error
2307	Unimplemented object service
2308	Data management policy violation
2400	Command failed
2500	Command failed; server closing connection
2501	Authentication error; server closing connection
2502	Session limit exceeded; server closing connection

Chapter 5. Changelog

Version 2.0.12 (27-Nov-2012)

- fixed SOA Record increase on DNS Record update

- changed host.check response

- internal improvements

- minor bugfixes

Version 2.0.11 (30-Oct-2012)

- internal improvements

- minor bugfixes

Version 2.0.10 (09-Oct-2012)

- internal improvements

- minor bugfixes

Version 2.0.9 (24-Aug-2012)

- internal improvements

- minor bugfixes

Version 2.0.8 (31-Jul-2012)

- added account.lock and account.unlock methods

Version 2.0.7 (24-May-2012)

- fixed error in domain.restore under some circumstances

- removed dns record 'NSEC'

- *.uk whois query fix

Version 2.0.6 (18-Apr-2012)

- only new session based authentication is allowed

- country code param has to be UPPER-case

- only nested methods are allowed

Version 2.0.5 (04-Apr-2012)

- dns record content can have up to 1024 characters

- allow new lines in contact remarks

- added search param for host.list

- added input-param 'roId' for nameserver.update

- added input-param 'roId' for host.update

- added input-param 'roId' for host.info

- added input-param 'roId' for host.delete

- added output-param 'roId' for host.create

- added output-param 'roId' for host.list

- changed output-param 'id' to 'roId' for host.info

Version 2.0.4 (29-Feb-2012)

- added limit for dns records (#708)

- fixed IDN tld bug in domain.stats

- added input-param 'roId' for nameserver.createRecord

- added input-param 'roId' for nameserver.delete

- added input-param 'roId' for nameserver.info

- added output-param 'roId' for nameserver.list

- added output-param 'roId' for nameserver.create

- new .RS transfer form

- new .HU form

Version 2.0.3 (15-Feb-2012)

- fixed bug (in some circumstances) for domain.trade price with trustee

- some corrections of return datatypes

- renamed account.info return parameter 'billingEmail' to 'emailBilling'

Version 2.0.2 (01-Feb-2012)

- clear email addr. immediately (#690)

- added parameter soaEmail for nameserver.create (#652)

- added roId return param for nameserver.create (#652)

- fixed japanese (.jp) whois output

Version 2.0.1 (25-Jan-2012)

- add roId in return msg in domain.create, domain.transfer, domain.trade

- price response param for domain.create, domain.transfer, domain.trade and domain.update commands

- whoisProvider and whoisUrl request-params for domain-actions (#677)

- optional whoisProvider and whoisUrl response-params in domain.info, domain.list (#677)

Version 2.0.0 (18-Jan-2012)

- extData-Parameters are case sensitive (usually UPPER-CASE)

- added order parameter for domain.log

- some bug fixes

Version 1.0 (12-Aug-2011)

- support "nested" methods (e.g. domain.check)

- replaced the numeric character references in the response by its real character

- the login command is allowed only for the account object

- the response of a succeeded login command contains a session id in the header. please set the session id in the header of your further request. instead of sending your credentials

- some bug fixes

- a few additional params (please have a look in the documentation)

Version

- replaced extData parameter 'SK-AUTOREG' by 'EXPIRE-DOMAIN'

- added extData parameter 'ACCEPT-TRUSTEE-TAC' as an universal trustee boolean parameter

- added function domain.restore

- added function accounting.refund

- changed parameter 'wide' (e.g. in domain.info and domain.list) for a more detailed response

- renamed parameter 'domain' in host.check to 'hostname'

- added return parameter 'avail' in domain.check

- added record types (SPF,AFSDB,CERT,DNSKEY,DS,KEY,LOC,NSEC,RRSIG,SSHFP)

- fixed: domaincheck min. length of domains (e.g. for .IT domains)

- added parameter 'wide' in domain.check

- renamed method accounting.totalLog to accounting.log

- renamed method accounting.lockedLog to accounting.lockedFunds

- added reseller functionality

- renamed return parameter 'reasoncode' to 'reasonCode'

- renamed return parameter 'reMode' to 'renewalMode' in domain.info and domain.list

- added 'count' return parameter to list functions

- fixed double base64 encoding in class pdf

- added 'runtime' (command execution time) return parameter

- changed 'svTRID' return parameter format

- added possibility to enter up to 13 nameserver

- added a number of requests limitation

- renamed several return parameters in account.info

- updated required domrobot.class.php

- added parameters 'urlRedirectTitle', 'urlRedirectDescription', 'urlRedirectKeywords' and 'urlRedirectFavIcon' in nameserver.create and nameserver.update

- added return parameter 'roId' (Registry Object ID) in domain.info, domain.list, contact.info and contact.list

- added return parameter 'count' in contact.log and domain.log

- changed parameter return structure of the host-ips in domain.list

- IPv6 Support

- renamed contact.log return parameter 'logid' to 'logId'

- renamed domain.log return parameter 'logtime' to 'date'

- added class application

- renamed return parameter 'authcode' to 'authCode' in domain.info

- fixed: case sensitivity

- fixed: nameserver regex

- added optional parameter 'period' for domain.create

- added function nameserver.update

- patched domrobot.class.php

- fixed login bug in domain.class (java-client)

- renamed class 'messages' to 'message'

- added parameter 'renewalMode' in method domain.update and domain.create

- renamed parameter 'X-NO-DOMAIN-CHECK' and 'X-NO-HOST-CHECK' to 'NO-DOMAIN-CHECK' and 'NO-HOST-CHECK' in domain.create:extData

- fixed: bug (fatal) in domain.usertransfer)

- changed paging default values

- added X-NO-HOST-CHECK parameter in method domain.create

- changed 'quick' parameter to X-NO-DOMAIN-CHECK parameter in method domain.create

- fixed: nameserver containing a '-' will be acepted

- fixed status bug in method domain.update

- merged methods nameserver.info and nameserver.inforecord to nameserver.info

- fixed bug when updating a namerserverset

- domain.whois is working now

- added return parameter 'readOnly' for nameserverset.list and nameserverset.info method

- modified nameserverset.list behavior for the 'readOnly' parameter

- show domain log of the last day when no parameter is specified

- checks whether a domain push, renew or trade is allowed

- added 'builddate' and 'version' return values (login method)

- encoded date return values to the xml-rpc dateTime.iso8601 datatype

- encoded pdf return value to the xml-rpc base64 datatype in class pdf

- added possibility for HTTP-Authentication

- added method domain.getPrices

- modified nameserver error message (shows the min. and max. no of required nameservers)

- no return of empty nameserver fields (e.g. in domain::info)

- added pdf transfer from for .nl domains (in pdf::get)

- bugfix validation of nameserver

- bugfix host:create (multiple hosts per domain possible)

- for domain:delete the scDate must be befor the renewaldate

- bugfix in domain:info: (2303 Objekt existiert nicht)

- renamed variable trID in svTRID (server transaction identifier), added clTRID (client transaction identifier)

- Initial release