

# Domain Reseller API

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## Documentation



## **1.Changes Log**

### **Version 4.2.3. Date 04-05-2018**

- Field "title" added at changeregistrar function for .eu domains, at section 4.5 Transfer Domain

### **Version 4.2.2. Date 12-03-2018**

- ✧ Field "autoRenewStatus" added at getDomainInfo function at section 4.21
- ✧ Authorization Code rules added at domainregister function at section 4.1

### **Version 4.2.1. Date 13-08-2014**

- ✧ Extra attributes added at section [5.2](#)
- ✧ Asynchronous added at section [5.3](#)
- ✧ Cabe added at section [5.4](#)

### **Version 4.1.1 Date 12-06-2014**

- ✧ managednssec function added at section 4.24
- ✧ dnssecinfo function added at section 4.25
- ✧ Tag hasDsRecords added at "getnameservers" at section 4.2
- ✧ Tag dsrecords added at "getnameservers" at section 4.2

### **Version 4.1 Date 31-10-2013**

- ✧ Optional Field check24hours added at function "domainupdate" at section 4.4

### **Version 4, Date 23-05-2013**

- ✧ AutoRenew function added at section 4.13
- ✧ "Register NameServer" function added at section 4.14
- ✧ "Modify NameServer" function added at section 4.15
- ✧ "Delete NameServer" function added at section 4.16
- ✧ "Domain Change Owner" function added at section 4.17
- ✧ "Delete Domain" function added at section 4.18

- ✧ "checkphonevalid" function added at section 4.19
- ✧ "checknameserver" function added at section 4.20
- ✧ "getdomaininfo" function added at section 4.21
- ✧ "Multi Modify Nameserver" function added at section 4.22
- ✧ "uniqueid" added at response of the function "domainregister"
- ✧ Optional field AutoRenew added at function "domainregister"
- ✧ Optional field AuthCode added at function "domainregister"
- ✧ Removed Fields "username", "password" at all functions
- ✧ At section 4.11 action value "reglock" replaced to "setDomainlock"
- ✧ At section 4.10 action value "getregistrarlock" replaced to "getDomainlock"
- ✧ Changes at "savecontactdetails" function. See Notes at section 4.7
- ✧ Added admin/tech contact details at "domainregister" at section 4.1

## **2. Introduction**

Welcome to the Papaki API guide for the registration and management of domain names and domain related services. This document is intended for Papaki Resellers who offer domains and supporting services to their customers.

Using this document, you can provide Papaki functionality to your customers by integrating the API commands into your website that can send JSON encoded object to Papaki over HTTPS. You can also use the API commands to run queries or automate tasks you would otherwise perform manually using the Papaki Control Panel.

## **3.Using the API**

### **3.1. Request/Response Messages**

The Partner makes a request to the API and the API returns with a response. The process returns a response message to a client in answer to an action that was executed on its behalf. Responses contain data appropriate for the action that was executed. In some cases, this may be simple strings; in other cases, this may be lists of information. The response might also contain errors, in that case your request is not executed.

### **3.2. Connecting with the API**

Connecting to the API is done with Http post sending JSON Objects.

Json Requests are sent to [https://api.papaki.com/register\\_url2.aspx](https://api.papaki.com/register_url2.aspx)

### **3.3. How to order a domain name**

Ordering a domain name requires a couple of steps.

- a) Check the if the domain is available with sending Json for Domain Search, if response code is 1000 proceed.
- b) Order the domain name sending Json for Domain Registration , and specify the Name Servers if needed.

## 4. Web Service Details

### 4.1. Domain Registration

*Notes:*

**For** .GR, .COM.GR, NET.GR, ORG.GR , EDU.GR **domains** you can set admin or/and contact details at registration

Admin contact details and tech Contact details are optional.

If you want to set Admin and / or Contact details, for .gr domains, include the specific json tags .

**For** COM, .NET, .INFO, .ORG, .MOBI, .LA, .NAME, .CC, .AC, .IO, .SH, .TV, .BZ, .WS, .MS, .GS, .IN , .FM. **domains** , tech contact is the same as registrant contact, and admin contact is filled with your reseller account contact details

*Notes:*

In Test Environment, in case of .COM registration, the data that are inserted for admin contact are those of owner's data.

In Test Environment, the nameservers are not being set, during domain registration.

For .GR domains, the registration period cannot be smaller than 2 years.

#### **a) JSON request**

##### **Example1**

```
{
  "request": {
    "do": "domainregister",
    "apiKey": "myapikey",
    "domainname": "mydomain.gr",
    "ip1": "10.123.123.2",
    "ip2": "",
    "ip3": "",
    "ip4": "",
    "ns1": "ns1.mydomain.gr",
    "ns2": "",
    "ns3": "",
    "ns4": "",
    "owner_fullname": "MYowner_fullname",
    "owner_firstname": "MYowner_firstname",
    "owner_lastname": "MYowner_lastname",
    "owner_email": "MYowner_email",
```

```
"owner_address": "MYowner_address",
"owner_state": "MYowner_state",
"owner_city": "MYowner_city",
"owner_postcode": "MYowner_postcode",
"owner_country": "MYowner_country",
"owner_phone": "+30.2102555555",
"owner_fax": "+30.2102555556",
"owner_litepsd": "",
"owner_title": "",
"regperiod": "2",
"idprotect": "false",
"description": "",
"customer_language": "gr",
"autorenew": "True",
"authorizationcode": "E12D-Yb2a5",
"adminfirstname": "firstname",
"adminlastname": "lastname",
"adminfullname": "fullname",
"adminemailaddress": "myemail@email.com",
"adminaddress1": "my address",
"adminaddress2": "",
"admincity": "my city",
"adminstateprovince": "mystate",
"adminpostalcode": "11111",
"admincountry": "DE",
"adminphone": "+30.2102555555",
"adminfax": "",
"techfirstname": "firstname",
"techlastname": "lastname",
"techfullname": "fullname",
"techemailaddress": "myemail@email.com",
"techaddress1": "address",
"techaddress2": "",
"techcity": "city",
"techstateprovince": "state",
"techpostalcode": "11111",
"techcountry": "DE",
"techphone": "+30.2102555555",
"techfax": ""
```

```
}
}
```

## Example2

```
{
  "request": {
    "do": "domainregister",
    "apiKey": "myapikey",
    "domainname": "mydomain.gr",
    "ip1": "10.123.123.2",
    "ip2": "",
    "ip3": "",
    "ip4": "",
    "ns1": "ns1.mydomain.gr",
    "ns2": "",
    "ns3": "",
    "ns4": "",
    "owner_fullname": "MYowner_fullname",
    "owner_firstname": "MYowner_firstname",
    "owner_lastname": "MYowner_lastname",
    "owner_email": "MYowner_email",
    "owner_address": "MYowner_address",
    "owner_state": "MYowner_state",
    "owner_city": "MYowner_city",
    "owner_postcode": "MYowner_postcode",
    "owner_country": "MYowner_country",
    "owner_phone": "+30.2102555555",
    "owner_fax": "+30.2102555556",
    "owner_litepsd": "",
    "owner_title": "",
    "regperiod": "2",
    "idprotect": "false",
    "description": "",
    "customer_language": "gr",
    "autorenew": "True",
    "authorizationcode": "E12D-Yb2a5"
  }
}
```

**b) Parameters:**

<b>apiKey</b>	a valid API Key for your user account	
<b>do</b>		Value: domainregister
<b>owner_fullname</b>	Registrant Fullname	3 to 64 alphanumeric characters α-ωA-Ωάέιόώήύϊϋüā-zA-Z0-9,.,@#%^&*(){};:_+[]V~!\$
<b>owner_firstname</b>	Registrant firstname	3 to 64 alphanumeric characters α-ωA-Ωάέιόώήύϊϋüā-zA-Z0-9,.,@#%^&*(){};:_+[]V~!\$
<b>owner_lastname</b>	Registrant lastname	3 to 64 alphanumeric characters α-ωA-Ωάέιόώήύϊϋüā-zA-Z0-9,.,@#%^&*(){};:_+[]V~!\$
<b>owner_email</b>	Registrant email	Maximum 64 characters to left of and 63 characters right of "@" sign, alphanumeric characters, validated according to rfc822.
<b>owner_address</b>	Registrant address	3 to 64 alphanumeric characters α-ωA-Ωάέιόώήύϊϋüā-zA-Z0-9,&/
<b>owner_state</b>	Registrant state	3 to 32 alphanumeric characters α-ωA-Ωάέιόώήύϊϋüā-zA-Z0-9,.&-
<b>owner_city</b>	Registrant city	3 to 64 alphanumeric characters α-ωA-Ωάέιόώήύϊϋüā-zA-Z0-9,.&-
<b>owner_postcode</b>	Registrant postcode	3 to 16 alphanumeric characters α-ωA-Ωάέιόώήύϊϋüā-zA-Z0-9-
<b>owner_country</b>	Registrant country	i.e. GB , 2 characters, <a href="https://countrycode.org/">https://countrycode.org/</a>
<b>owner_phone</b>	Registrant phone	+CCC.NNNNNNNNNN



<b>owner_fax</b>	Registrant fax (optional)	+CCC.NNNNNNNNNN Leave empty if you don't want to give fax
<b>owner_litepsd</b>	Registrant password for dpanel (optional)	3 to 32 alphanumeric characters
<b>owner_title</b>	Registrant Title (optional)	3 to 64 alphanumeric characters
<b>regperiod</b>	Registration period	number of years (for .gr domains, regperiod: 2)
<b>idprotect</b>	Enable Whois Protection	true or false
<b>domainname</b>	domainname	.COM, .EU, .NET, .INFO, .ORG, .MOBI, .LA, .NAME, .CC, .AC, .IO, .SH, .TV, .BZ, .WS, .MS, .GS, .IN, .FM, .CO.UK, .ME.UK, .ORG.UK, .GR, .COM.GR, .NET.GR, .ORG.GR, .GOV.GR, .EDU.GR
<b>description</b>	a description for the domain (optional)	Leave empty if you don't want to give a description
<b>ns1, ns2, ns3, ns4, ip1, ip2, ip3, ip4</b>	Nameservers (optional)	Leave empty if you don't want to set nameservers
<b>autorenew</b>	Enable or Disable Autorenew (Optional)	"True" for enable, "False" for disable  default value if not sent : "False"  This field is case-sensitive. The values are "True" or "False".
<b>authorizationcode</b>	Set authorizationCode at Registration (Optional)  <i>The <b>authorizationcode</b> field concerns .GR domains.</i>	concerning GR domains :  from 8 to 16 characters  There must be included at least one character of each of the below groups :  a-z A-Z 0-9 ~!@#%&*(){};:_+=V?[]

		(abcdefghijklmnopqrstuvwxyz ABCDEFGHIJKLMNOPQRSTUVWXYZ WXYZ0123456789~!@#\$ %^&*(){};:_+=\?[])  Example E12D-Yb2a5
<b>Admin Contact Details (Optional) (Available only for .gr domains)</b>		
<b>adminfullname</b>	Admin Fullname	3 to 64 alphanumeric characters α-ωΑ-Ωάέϊόώήύϊϋüā-zA-Z0-9,.,@#%^&*(){};:_+[]\~/~!\$
<b>adminfirstname</b>	Admin firstname	3 to 64 alphanumeric characters α-ωΑ-Ωάέϊόώήύϊϋüā-zA-Z0-9,.,@#%^&*(){};:_+[]\~/~!\$
<b>adminlastname</b>	Admin lastname	3 to 64 alphanumeric characters α-ωΑ-Ωάέϊόώήύϊϋüā-zA-Z0-9,.,@#%^&*(){};:_+[]\~/~!\$
<b>adminemailaddress</b>	Admin email	Maximum 64 characters to left of and 63 characters right of "@" sign, alphanumeric characters, validated according to rfc822.
<b>adminaddress1</b>	Admin address	3 to 64 alphanumeric characters α-ωΑ-Ωάέϊόώήύϊϋüā-zA-Z0-9,&/
<b>adminaddress2</b>	Second Admin Address (optional)	3 έως 64 χαρακτήρες α-ωΑ-Ωάέϊόώήύϊϋüā-zA-Z0-9,&/
<b>adminstateprovince</b>	Admin state	3 to 32 alphanumeric characters α-ωΑ-Ωάέϊόώήύϊϋüā-zA-Z0-9,&-
<b>admincity</b>	Admin city	3 to 64 alphanumeric characters α-ωΑ-Ωάέϊόώήύϊϋüā-zA-Z0-9,&-
<b>adminpostalcode</b>	Admin postcode	3 to 16 alphanumeric

		characters α-ωΑ-Ωάέιόώήύϊϋϋ̂a-zA-Z0-9-
<b>admincountry</b>	Admin country	i.e. GB , 2 characters, <a href="https://countrycode.org/">https://countrycode.org/</a>
<b>adminphone</b>	Admin phone	+CCC.NNNNNNNNNN
<b>Tech Contact Details (Optional) (Available only for .gr domains)</b>		
<b>techfullname</b>	Tech Fullname	3 to 64 alphanumeric characters α-ωΑ-Ωάέιόώήύϊϋϋ̂a-zA-Z0-9,.,@#%^&*(){};:_+[]\~/!\$
<b>techfirstname</b>	Tech firstname	3 to 64 alphanumeric characters α-ωΑ-Ωάέιόώήύϊϋϋ̂a-zA-Z0-9,.,@#%^&*(){};:_+[]\~/!\$
<b>techlastname</b>	Tech lastname	3 to 64 alphanumeric characters α-ωΑ-Ωάέιόώήύϊϋϋ̂a-zA-Z0-9,.,@#%^&*(){};:_+[]\~/!\$
<b>techemailaddress</b>	Tech email	Maximum 64 characters to left of and 63 characters right of "@" sign, alphanumeric characters, validated according to rfc822.
<b>techaddress1</b>	Tech address	3 to 64 alphanumeric characters α-ωΑ-Ωάέιόώήύϊϋϋ̂a-zA-Z0-9,&/
<b>techaddress2</b>	Second Tech address (Optional)	3 έως 64 χαρακτήρες α-ωΑ-Ωάέιόώήύϊϋϋ̂a-zA-Z0-9,&/
<b>techstateprovince</b>	Tech state	3 to 32 alphanumeric characters α-ωΑ-Ωάέιόώήύϊϋϋ̂a-zA-Z0-9,&-
<b>techcity</b>	Tech city	3 to 64 alphanumeric characters α-ωΑ-Ωάέιόώήύϊϋϋ̂a-zA-Z0-

		9,.&-
<b>techpostalcode</b>	Tech postcode	3 to 16 alphanumeric characters α-ωA-Ωάέιόώήύϊϋüa-zA-Z0-9-
<b>techcountry</b>	Tech country	i.e. GB , 2 characters, <a href="https://countrycode.org/">https://countrycode.org/</a>
<b>techphone</b>	Tech phone	+CCC.NNNNNNNNNNN
<b>techfax</b>	Tech fax (optional)	+CCC.NNNNNNNNNNN

### c) Response example

```
{
  "response": {
    "code": "1000",
    "message": "Message",
    "expirationdate": "27/6/2014 11:59:05 μμ",
    "uniqueid": "d12345"
  }
}
```

### d) Response Codes

1000 - Command Completed Successfully  
140 - Not affiliate previledges  
140 - Unauthorized access  
20 - Error in customer details  
130 - Error in owner details  
30 - There are no available credits  
50 - The domain is not available  
180 - The Registration period is not valid  
170 - The extension of the domain is not valid  
60 - Connection to EPP problem. Check contact details  
90 - Domain name missing  
100 - Description for domain missing  
80 - Unexpected error  
200 - You can not edit these nameservers. The registration was not completed. Please try again  
1333 - Warning: There was a problem with the nameservers. + nameservercode + + nameservermessage  
40 - Connection error to database

## 4.2. Get Nameservers

### a) JSON Request


```
{
  "request": {
    "do": "getnameservers",
    "apiKey": "myapikey",
    "domainname": "mydomainname.gr"
  }
}
```

### b) Parameters:

<b>apiKey</b>	a valid API Key for your user account	
<b>domainname</b>	Domainname in your account at papaki.gr	
<b>do</b>		Value: getnameservers

### c) Response example

#### Notes:

 If registered nameservers exist they will be returned at the json response as ownnameservers

 **ns1,ns2,ns3,ns4 are the nameservers linked to the domain**

#### Example 1

```
{
  "response": {
    "code": "1000",
    "message": "Message",
    "ns1": "ns1.testserver.gr",
    "ns2": "",
    "ns3": "",
    "ns4": "",
    "ownNameservers1": "ns1.mydomainname.gr",
    "ownNameservers2": "ns2.mydomainname.gr",
    "ownNameserversLength": "2",
  }
}
```

}

 $\{$ 

}

1

1

### 4.3. Set Nameservers

#### a) JSON request

```
{
  "request": {
    "do": "editnameservers",
    "lang": "el",
    "apiKey": "myapikey",
    "domainname": "mydomainname.gr",
    "NameServers": {
      "v4": [
        {
          "Name": "ns1.mydomain.gr",
          "Ip": "78.12.23.127"
        },
        {
          "Name": "ns2.mydomain.gr",
          "Ip": "78.12.23.128"
        }
      ]
    }
  }
}
```

#### b) Parameters:

<b>apiKey</b>	a valid API Key for your user account	
<b>domainname</b>	Domainname in your account at papaki.gr	
<b>NameServers</b>		Give 1 to 4 valid nameservers
<b>do</b>		Value: editnameservers

#### c) Response example

```
{
  "response": {
    "code": "1000",
    "message": "Message"
  }
}
```

#### **d) Response Codes**

1000 - Command Completed Successfully  
140 - Not affiliate previledges  
140 - Unauthorized access  
190 - Error in changing ips for nameservers  
200 - NameServer Not Exists  
210 - Editing NameServer Error  
220 - Error Updatng Name Server  
230 - Error Creating Host  
240 - Updating Name Server Error  
160 , 170 - You hane no priviledges for this domain  
180 - Check your details  
40 - Connection to database problem  
60 - Connection to EPP problem. Check contact details  
80 - Not valid extension  
90 - Domain name missing  
80 - Unexpected error

#### **4.4. Renew domain**

The domain should not be under EETT approval.

#### **a) JSON request**

```
{
  "request": {
    "do": "domainupdate",
    "customer_language": "gr",
    "apiKey": "myapikey",
    "domainname": "mydomainname.gr",
    "regperiod": "2",
    "idprotect": "false"
  }
}
```

#### **b) Parameters:**

<b>apiKey</b>	a valid API Key for your user account	
<b>domainname</b>	Domainname in your account at papaki.gr	
<b>regperiod</b>		Number of renewal years



<b>idprotect</b>	Renew whois protection too (only if it is already whois protected)	true or false
<b>do</b>		Value: domainupdate
<b>check24hours</b>	Optional. When it is True prevents multiple renewals between 24 hours	Value: "True", "False" Default: "True"

### c) Response example

```
{
  "response": {
    "code": "1000",
    "message": "Message"
    "expirationdate": "27/6/2014 11:59:05 μμ"
  }
}
```

### d) Response codes

1000 - Command Completed Successfully  
140 - Not affiliate previledges  
210 - The domain cannot be renewed. Be sure 365 days passed and the domain is valid.  
140 - Unauthorized access  
20 - Error in customer details  
130 - Error in owner details  
30 - There are no available credits  
40 -Connection to database problem  
50 - The domain is not available  
170 - The extension of the domain is not valid  
180 - The domain does not belong to the customer  
190 - Error at updating period  
60 - Connection to EPP problem. Check contact details  
90 - Domain name missing  
210 - Error: Failed updating from quarantine  
220 - Error: Failed reactivating domain from quarantine  
230 - Error: Not supported update from quarantine for com and net domains  
80 - Unexpected error  
240 - Domain status (under EETT approvement) prohibits operation

## 4.5. Transfer Domain

This command is not supported in Test Environment.

### For .eu domain :

- RegistrantContact fields should always be included in JSON request.
- At RegistrantContact fields, "title" field should be included, but its value can be "".
- These changes will be applied on 16<sup>th</sup> May, 2018.

#### a) JSON request

```
{
  "request": {
    "do": "changeregistrar",
    "apiKey": "myapikey",
    "domainname": "mydomainname.gr",
    "customer_language": "gr",
    "authcode": "12345",
    "RegistrantContact": {
      "firstname": "Registr. Firstname ",
      "lastname": "Registr. Lastname  ",
      "fullname": "Registr. Fullname ",
      "email": "email@email.com",
      "address": "Registr. address  ",
      "state": "Registr. state  ",
      "city": "Registr. City  ",
      "postcode": "11111",
      "country": "GR",
      "phone": "+30.2102323233",
      "fax": "+30.2"
    }
  }
}
```

### **JSON request for .eu domain**

```
{
  "request": {
    "do": "changeregistrar",
    "apiKey": "myapikey",
    "domainname": "mydomainname.eu",
    "customer_language": "gr",
    "authcode": "12345",
    "RegistrantContact": {
      "firstname": "TestFirstname",
      "lastname": "TestLastname",
      "fullname": "TestFullname ",
      "email": "mytestemail@email.com",
      "address": "Testaddress",
      "state": "Teststate",
      "city": "TestCity",
      "postcode": "11111",
      "country": "GR",
      "phone": "+30.2102323233",
      "fax": "+30.2",
      "title": ""
    }
  }
}
```

### **b) Parameters:**

<b>apiKey</b>	a valid API Key for your user account	
<b>domainname</b>	Domainname in your account at papaki.gr	
<b>authcode</b>	Authorization Code	
<b>do</b>		Value: changeregistrar

### **c) Response example**

```
{
  "response": {
    "code": "1000",
    "message": "Message"
  }
}
```

**d) Πιθανά Response codes και messages**

- 1000 - Command Completed Successfully
- 140 - Unauthorized access
- 180 - Change Registrar for this domain not completed
- 150 - Check the xml elements that you entered.
- 160 - Check customer details
- 50 - There is already another request for this DomainName
- 120 - Check your xml elements
- 20 - Error in customer details
- 30 - There are no available credits
- 40 - Connection to database problem
- 60 - Connection to EPP problem. Check contact details
- 90 - Domain name missing
- 80 - Unexpected error

#### 4.6. Get contacts

##### a) JSON request

```
{
  "request": {
    "do": "getcontactdetails",
    "apiKey": "myapikey",
    "domainname": "mydomainname.gr"
  }
}
```

##### b) Parameters:

<b>apiKey</b>	a valid API Key for your user account	
<b>domainname</b>	Domainname in your account at papaki.gr	
<b>do</b>		Value: getcontactdetails

##### c) Response example

```
{
  "response": {
    "code": "1000",
    "message": "Message",
    "registrantFirstName": "RETURNEDregistrantFirstName",
    "registrantLastName": "RETURNEDregistrantLastName",
    "registrantFullname": "registrantFullname",
    "registrantjob": "RETURNEDregistrantjob",
    "registrantemail": "RETURNEDregistrantemail",
    "registrantaddress1": "RETURNEDregistrantaddress1",
    "registrantaddress2": "RETURNEDregistrantaddress2",
    "registrantcity": "RETURNEDregistrantcity",
    "registrantstate": "RETURNEDregistrantstate",
    "registrantpostcode": "RETURNEDregistrantpostcode",
    "registrantcountry": "RETURNEDregistrantcountry",
    "registrantphone": "RETURNEDregistrantphone",
    "registrantfax": "RETURNEDregistrantfax",
    "adminFirstName": "RETURNEDadminFirstName",
    "adminLastName": "RETURNEDadminLastName",
    "adminFullname": "RETURNEDadminFullname",
    "adminjob": "RETURNEDadminjob",
    "adminemail": "RETURNEDadminemail",
  }
}
```

```
"adminaddress1": "RETURNEDadminaddress1",
"adminaddress2": "RETURNEDadminaddress2",
"admincity": "RETURNEDadmincity",
"adminstate": "RETURNEDadminstate",
"adminpostcode": "RETURNEDadminpostcode",
"admincountry": "RETURNEDadmincountry",
"adminphone": "RETURNEDadminphone",
"adminfax": "RETURNEDadminfax",
"techFirstName": "RETURNEDtechFirstName",
"techLastName": "RETURNEDtechLastName",
"techFullname": "RETURNEDtechFullname",
"techjob": "RETURNEDtechjob",
"techemail": "RETURNEDtechemail",
"techaddress1": "RETURNEDtechaddress1",
"techaddress2": "RETURNEDtechaddress2",
"techcity": "RETURNEDtechcity",
"techstate": "RETURNEDtechstate",
"techpostcode": "RETURNEDtechpostcode",
"techcountry": "RETURNEDtechcountry",
"techphone": "RETURNEDtechphone",
"techfax": "RETURNEDtechfax"
}
}
```

#### **d) Response Codes**

- 1000 - Command Completed Successfully
- 120 - Check the Details you enter
- 180 - Warning: Tech contact has not changed
- 190 - Warning: Admin contact has not changed
- 200 - Warning: Tech contact does not exist
- 210 - Warning: Admin contact does not exist
- 130 - Check the Details you enter
- 140 - Not affiliate previledges
- 170 - Connection Error

#### 4.7. Set contacts

The domain should not be under EETT approval.

##### a) JSON request

```
{
  "request": {
    "do": "savecontactdetails",
    "apiKey": "myapikey",
    "domainname": "mydomainname.gr",
    "firstname": " ",
    "lastname": " ",
    "fullname": " ",
    "emailaddress": " ",
    "address1": " ",
    "address2": " ",
    "city": " ",
    "stateprovince": " ",
    "postalcode": " ",
    "country": " ",
    "phone": " ",
    "fax": " ",
    "adminfirstname": " ",
    "adminlastname": " ",
    "adminfullname": " ",
    "adminemailaddress": " ",
    "adminaddress1": " ",
    "adminaddress2": " ",
    "admincity": " ",
    "adminstateprovince": " ",
    "adminpostalcode": " ",
    "admincountry": " ",
    "adminphone": " ",
    "adminfax": " ",
    "techfirstname": " ",
    "techlastname": " ",
    "techfullname": " ",
    "techemailaddress": " ",
    "techaddress1": " ",
    "techaddress2": " ",
    "techcity": " ",
    "techstateprovince": " ",
    "techpostalcode": " ",
    "techcountry": " ",
```

```

        "techphone": " ",
        "techfax": " "
    }
}

```

#### b) **Parameters:**

<b>apiKey</b>	a valid API Key for your user account	
<b>domainname</b>	Domainname in your account at papaki.gr	
<b>do</b>		Value: savecontactdetails
<b>firstname, lastname κ.τ.λ.</b>	Registrant contact Details	
<b>adminfirstname, adminlastname κ.τ.λ.</b>	Admin Contact Details	Leave empty Admin Contact Details if you don't want to change them
<b>techfirstname, techlastname κ.τ.λ.</b>	Tech Contact Details	Leave empty Tech Contact Details if you don't want to change them

#### c) **Response example**

```

{
  "response": {
    "code": "1000",
    "message": "Message"
  }
}

```

#### d) **Πιθανά Response codes και messages**

- 1000 - Command Completed Successfully
- 120 - Check the Details you enter
- 180 - Warning: Tech contact has not changed
- 190 - Warning: Admin contact has not changed



- 200 - Warning: Tech contact does not exist
- 210 - Warning: Admin contact does not exist
- 130 - Check the Details you enter
- 140 - Not affiliate previledges
- 170 - Connection Error
- 240 - Domain status (under EETT appovement) prohibits operation

#### **e)Notes**

- ✧ If you don 't want to change tech and/or admin contact details leave the fields empty
- ✧ For .gr domains If you send tech and/or admin contact details and the contact does not exist at registry , new contacts will be created
- ✧ For .gr domains you cannot edit the fields RegistrantFullname, Registrantfirstname, Registrantlastname and the values will be ignored if you send them. If you want to change them see "Domain Change Owner" function at section 4.17
- ✧ The fields: fax and address2 either for the owner, or for the admin or tech, are optional. You can leave them blank, but you should include them as request fields.
- ✧ The phone and fax number, should be valid national phone numbers, in the format +CCC.NNNNNNNNNNNN, where CCC is the country code and N is the telephone number.
- ✧ The characters that are valid for the fields of firstname, lastname, fullname, address1, address2, city, stateprovince and postalcode, for owner, admin and tech contacts, are mentioned in the corresponding field, at the command domainregister (section 4.1).

## 4.8. Domain Search

### a) JSON request

```
{
  "request": {
    "apiKey": "myapikey",
    "type": "domainSearch",
    "lang": "el",
    "domain": "mytestdomain",
    "extensions": {
      "ext": [
        ".gr",
        ".eu"
      ]
    }
  }
}
```

### b) Parameters:

<b>apiKey</b>	a valid API Key for your user account	
<b>domain</b>		Without tld
<b>type</b>		Value: domainSearch
<b>extensions</b>		The supported tlds are mentioned in the FAQ <a href="#">here</a> .

### c) Response example

```
{
  "response": {
    "code": "1000",
    "message": "Command completed successfully",
    "availabledomains": {
      "domain": "mytestdomain.gr"
    },
    "notavailabledomains": {
      "domain": "mytestdomain.eu"
    }
  }
}
```

## 4.9. Whois

Note: The command is not supported in Test Environment.

### a) **JSON request**

```
{
  "request": {
    "apiKey": "myapikey",
    "type": "whois",
    "lang": "el",
    "domain": "mytestdomain.gr"
  }
}
```

### b) **Parameters:**

<b>apiKey</b>	a valid API Key for your user account	
<b>domain</b>		
<b>type</b>		Value:    whois

### c) **Response example**

```
{
  "response": {
    "code": "1000",
    "message": "Message",
    "whoisReply": "Whois Message"
  }
}
```

#### 4.10. Get Domain Lock Status

This command does not exist for .GR and .EU domains.

##### a) JSON request

```
{
  "request": {
    "do": "getDomainlock",
    "apiKey": "myapikey",
    "domainname": "testdomain.com",
    "customer_language": "gr"
  }
}
```

##### b) Parameters:

<b>apiKey</b>	a valid API Key for your user account	
<b>domainname</b>	Domainname in your account at papaki.gr	
<b>do</b>		Value: getDomainlock

##### c) Response example

```
{
  "response": {
    "code": "1000",
    "message": "Message",
    "lock_state": "True"
  }
}
```

#### 4.11. Set Domain Lock

This command does not exist for .GR and .EU domains.

##### a) **JSON Request**

```
{
  "request": {
    "do": "setDomainlock",
    "apiKey": "myapikey",
    "domainname": "testdomain.com",
    "customer_language": "gr",
    "locktype": "disable"
  }
}
```

##### b) **Parameters:**

<b>apiKey</b>	a valid API Key for your user account	
<b>domainname</b>	Domainname in your account at papaki.gr	
<b>do</b>		Value: setDomainlock
<b>locktype</b>		"disable" or "enable"

##### c) **Response example**

```
{
  "response": {
    "code": "1000",
    "message": "Message"
  }
}
```

#### 4.12. Send authorization code

Send authorization code to owner's email (it is not being sent directly).  
This command is not supported for .EU domains.

Note: This command is not supported in Test Environment.

##### a) JSON request

```
{
  "request": {
    "do": "getauthocode",
    "apiKey": "myapikey",
    "domainname": "mydomainname.gr"
  }
}
```

##### b) Parameters:

<b>apiKey</b>	a valid API Key for your user account	
<b>domainname</b>	Domainname in your account at papaki.gr	
<b>do</b>		Value: getauthocode

##### c) Response

```
{
  "response": {
    "code": "1000",
    "message": "Message"
  }
}
```

#### 4.13. Set AutoRenew Function

Note: This command is not supported in Test Environment.

##### a) **JSON request**

```
{  
  "request": {  
    "do": "setautorenew",  
    "apiKey": "myapikey",  
    "uniqueid": "d12345",  
    "autorenew": "False"  
  }  
}
```

##### b) **Parameters:**

do		Τιμή:
apiKey	a valid API Key for your user account	
uniqueid	Returned at Registration Order	
autorenew		"True" for enable, "False" for disable

##### c) **Response**

```
{  
  "response": {  
    "code": "1000",  
    "message": "Command Completed Successfully",  
    "newAutoRenewStatus": "False",  
    "oldAutoRenewStatus": "False"  
  }  
}
```

#### 4.14. Register NameServer

The command "registerns" can be used for the creation of a private nameserver for a domain, that is in reseller's management.

a) **JSON request**

```
{
  "request": {
    "apiKey": "myapikey",
    "do": "registerns",
    "ip_address": "78.12.23.128",
    "ip_type": "v4",
    "name_server": "ns2.testdomain.gr"
  }
}
```

b) **Parameters:**

<b>do</b>		Value:registerns
<b>apiKey</b>	a valid API Key for your user account	
<b>domainname</b>	Domainname in your account at papaki.gr	
<b>name_server</b>		
<b>ip_type</b>		"v4" or "v6"
<b>ip_address</b>	Valid ip address	i.e. "78.12.23.128" i.e.2: ""

c) **Response**

```
{
  "response": {
    "code": "1000",
    "message": "Command Completed Successfully"
  }
}
```



#### 4.15. **Modify Nameserver**

The command "modifyns" can be used for the modification of a private nameserver for a domain, that is in reseller's management.

a) **JSON request**

```
{
  "request": {
    "apiKey": "myapikey",
    "do": "modifyns",
    "oldip": "78.12.23.128",
    "newip": "78.12.23.129",
    "name_server": "ns2.testdomain.gr"
  }
}
```

b) **Parameters:**

<b>do</b>		Value: modifyns
<b>apiKey</b>	a valid API Key for your user account	
<b>domainname</b>	Domainname in your account at papaki.gr	
<b>name_server</b>		
<b>oldip</b>	Valid existing ip address of nameserver	
<b>newip</b>		I.e. "78.12.23.128"

c) **Response**

```
{
  "response": {
    "code": "1000",
    "message": "Command Completed Successfully"
  }
}
```

#### 4.16. Delete Nameserver

a) **JSON request**

```
{
  "request": {
    "apiKey": "myapikey",
    "do": "deletens",
    "name_server": "ns2.testdomain.gr"
  }
}
```

b) **Parameters:**

<b>do</b>		Value: deletens
<b>apiKey</b>	a valid API Key for your user account	
<b>domainname</b>	Domainname in your account at papaki.gr	
<b>name_server</b>		Ends with domainname

c) **Response**

```
{
  "response": {
    "code": "1000",
    "message": "Command Completed Successfully"
  }
}
```

The command "deletens" can only be used for the deletion of a private nameserver for a domain, that is in reseller's management.

#### 4.17. Domain Change Owner

It can be used only for .gr domains.

You can see the costs at <http://www.papaki.gr/en/domain-names-price-list.htm>

This action is not completed directly. It is used for sending request for domain change owner. Subsequently, the fields in the pdf file must be filled in.

The url for the .pdf file is included in the response (field: pdfurl).

In order for the response to be successful, the reseller must have in his account, the corresponding number of credits for this action.

Note: This command is not supported in Test Environment.

a) **JSON request**

```
{
  "request": {
    "do": "changeOwner",
    "domainname": "testdomain123.gr",
    "apiKey": "myapikey",
    "new_contact": {
      "fullname": "new fullname",
      "firstname": "new firstname",
      "lastname": "new lastname",
      "email": "email@hotmail.com",
      "address": "new address",
      "state": "new state",
      "city": "new city",
      "postcode": "49084",
      "country": "GR",
      "phone": "+30.6956111111",
      "fax": "+30.2105555555",
      "title": ""
    }
  }
}
```

b) **Parameters:**

do		Value: changeOwner
----	--	--------------------

<b>apiKey</b>	a valid API Key for your user account	
<b>domainname</b>	Domainname in your account at papaki.gr	
<b>new_contact</b>		Includes the contact details of the new Owner
<b>fullname</b>	New Registrant Fullname	3 to 64 alphanumeric characters
<b>firstname</b>	New Registrant firstname	3 to 64 alphanumeric characters
<b>lastname</b>	New Registrant lastname	3 to 64 alphanumeric characters
<b>email</b>	New Registrant email	Maximum 64 characters to left of and 63 characters right of "@" sign, alphanumeric characters, validated according to rfc822.
<b>address</b>	New Registrant address	3 to 64 alphanumeric characters
<b>state</b>	New Registrant state	3 to 32 alphanumeric characters
<b>city</b>	New Registrant city	3 to 64 alphanumeric characters
<b>postcode</b>	New Registrant postcode	3 to 16 alphanumeric characters
<b>country</b>	New Registrant country	i.e. GB , 2 characters, <a href="https://countrycode.org/">https://countrycode.org/</a>
<b>phone</b>	New Registrant phone	+CCC.NNNNNNNNNN
<b>fax</b>	New Registrant fax (optional)	+CCC.NNNNNNNNNN
<b>title</b>	New owner title * (optional, you can leave it blank)	

\* Concerning the "title" field, it must be included in the request, but the completion of it, is optional. You can leave it blank, if you would like so.

### c) **Response**

pdfurl and requestid is returned only if code is "1000"

```
{
  "response": {
    "code": "1000",
    "message": "Command Completed Successfully",
    "pdfurl": "https://api.papaki.com/downloadurl.aspx?",
    "requestid": "3000"
  }
}
```

### d) **Response codes**

- 1000 - Command Completed Successfully
- 4000 - Not validated: ApiKey Missing
- 4000 - Not validated. Invalid Credentials or No permission from IP:...
- 600 - Unexpected exception
- 400 - Authentication Error
- 401 - Domain Status prohibits operation
- 189 - Contact Validation Error, Check contact details
- 500 - Process not completed
- 300 - Invalid tld
- 1100 - Request Message not valid

In case there is already a pending request for domain change owner and after that, you send one more request for "changeowner", then the response will be 400 - Authentication Error.

#### 4.18. Delete Domain

It can be used **only** for .gr domains.

This function deletes permanently the domain from Registry.

Credits will be refunded to your Reseller account and "CreditsAdded" will be returned "True" at Response.

This command is allowed only if the domain has not been approved by EETT. In other case, the response will be "The Domain cannot be deleted . Reason: It is approved by EETT".

##### a) JSON Request

```
{
  "request": {
    "do": "deletedomain",
    "apiKey": "myapikey",
    "domainname": "testdomain123s.gr",
    "uniqueid": "d12345"
  }
}
```

##### b) Parameters:

do		Value: deletedomain
apiKey	a valid API Key for your user account	
domainname	Domainname in your account at papaki.gr	
uniqueid	Returned at Registration Order	

##### c) Response

```
{
  "response": {
    "code": "1000",
    "message": "Command Completed Successfully",
    "CreditsAdded": "True"
  }
}
```

d) **Response codes**

- 1000 - Command Completed Successfully
- 4000 - Not validated: ApiKey Missing
- 4000 - Not validated. Invalid Credentials or No permission from IP:...
- 400 - Authentication Error
- 200 - Error Deleting domain
- 300 - Only .gr domains can be deleted
- 1100 - Request Message not valid

4.19. **checkphonevalid**

Checks if a phone number or fax number is valid

a) **Json Request**

```
{
  "request": {
    "do": "checkphonevalid",
    "apiKey": "myapikey",
    "phone": "+30.2645097373"
  }
}
```

b) Parameters:

do		Value: checkphonevalid
apiKey	a valid API Key for your user account	
phone		+CCC.NNNNNNNNNN

c) **Response**

```
{
  "response": {
    "code": "1000",
    "message": "Command Completed Successfully"
  }
}
```

d) **Response codes**

- 1000 - Command Completed Successfully
- 4000 - Not validated: ApiKey Missing
- 4000 - Not validated. Invalid Credentials or No permission from IP:...
- 1100 - Request Message not valid
- 120 - Invalid Phone Number

4.20. **Check Name Server**

It can be used only for the Greek Registry  
Checks if a nameservers exists at Registry

a) **Json Request**

```
{
  "request": {
    "apiKey": "myapikey",
    "do": "checknameserver",
    "name_server": "dns1.papaki.gr",
    "registry": "gr"
  }
}
```

b) **Parameters:**

do		Value: checknameserver
apiKey	a valid API Key for your user account	
name_server		
registry		Value:"gr": for gr Registry

c) **Response**

```
{
  "response": {
    "code": "1000",
    "message": "Command completed successfully",
    "name": "dns1.papaki.gr",
  }
}
```



```
    "status": "ok",  
    "ip": [  
      {  
        "iptype": "v4",  
        "ipaddress": "78.46.65.247"  
      }  
    ]  
  }  
}
```

d) **Response codes**

- 1000 - Command Completed Successfully
- 4000 - Not validated: ApiKey Missing
- 4000 - Not validated. Invalid Credentials or No permission from IP:...
- 1100 - Request Message not valid
- 201 - Invalid Registry

#### 4.21. Get domain Information

Η συνάρτηση αυτή επιστρέφει πληροφορίες για το όνομα χώρου

Among the information that is being returned, it is also the information about the option for autorenew (field: autoRenewStatus), meaning if it is enabled or not.

##### a) Json Request

```
{
  "request": {
    "type": "getDomainInfo",
    "apiKey": "myapikey",
    "domainname": "testdomain.gr"
  }
}
```

##### b) Parameters:

type		Value: getDomainInfo
apiKey	a valid API Key for your user account	
domainname	Domainname in your account at papaki.gr	

##### c) Response

```
{
  "response": {
    "code": "1000",
    "message": "Command Completed Successfully",
    "CreationDate": "2009-06-23",
    "expirationDate": "2013-06-22",
    "autoRenewStatus": "False",
    "RegistryStatus": {
      "StatusArray": [
        "ok"
      ]
    }
  },
  "domainname": "testdomain.gr",
}
```

```
"password": "myepppassword",  
"uniqueid": "d13456"  
  
}  
}
```

d) **Response codes**

- 1000 - Command Completed Successfully
- 4000 - Not validated: ApiKey Missing
- 4000 - Not validated. Invalid Credentials or No permission from IP:...
- 1100 - Request Message not valid
- 120 - Validation Error
- 1300 - Domain Changed Registrar
- 1200 - Getting Info Error

e) **Response notes**

- ⤴ CreationDate, expirationDate format: yyyy-dd-mm
- ⤴ Password is the epp password used for domain transfers
- ⤴ RegistryStatus: ok, pendingCreate (under EETT approvement), pendingDelete (quarantinte), inactive (not nameservers linked). A domain can have more than one statuses, for example "ok" and "inactive"
- ⤴ **autoRenewStatus:** values : "True" or "False". It declares if the option for autorenew is enabled (autoRenewStatus: True) or disabled (autoRenewStatus: False) for this domain.

## 4.22. Multi Modify Nameserver

### a) **JSON request**

```
{
  "request": {
    "apiKey": "myapikey",
    "do": "modifynsmulti",
    "ipsarray": {
      "ips": [
        {
          "iptype": "v4",
          "ipaddress": "78.12.23.131"
        }
      ]
    }
  },
  "name_server": "ns2.testdomain.gr"
}
```

### b) **Parameters:**

<b>do</b>		Τιμή: modifynsmulti
<b>apiKey</b>	a valid API Key for your user account	
<b>name_server</b>		
<b>ipsarray</b>	Array with ips	

### c) **Response**

```
{
  "response": {
    "code": "1000",
    "message": "Command Completed Successfully"
  }
}
```

## 4.23. Enable Webhosting

Note: This command is not supported in Test Environment.

### a) **JSON request**

```
{
  "request": {
    "do": "createhosting",
    "apiKey": "myapikey",
    "domain": "domaintohost.gr",
    "plan": "dynamic-windows",
    "duration": "12",
    "autorenew": "1",
    "notification_type": "email",
    "notify_address": "example@mymail.com"
  }
}
```

### b) **Parameters:**

<b>do</b>		Τιμή: createhosting
<b>apiKey</b>	a valid API Key for your user account	
<b>domain</b>	domainname	If you select basic (free) , the domain should be registered at Papaki. Αν επιλέξετε το πακέτο Basic (Free)
<b>plan</b>		values: basic dynamic-windows advanced-windows pro-windows dynamic-linux advanced-linux pro-linux
<b>duration</b>		(in months) Values: 'basic':[12],

		'dynamic-windows': [1,6,12,24,36,48,60], 'advanced-windows': [1,6,12,24,36,48,60], 'pro-windows': [1,6,12,24,36,48,60], 'dynamic-linux': [1,6,12,24,36,48,60], 'advanced-linux': [1,6,12,24,36,48,60], 'pro-linux': [1,6,12,24,36,48,60]
<b>autorenew</b>		1 or 0
<b>notification_type</b>		Values: email or url
<b>notify_address</b>		if <b>notification_type="email"</b> give email address  if <b>notification_type="url"</b> give url

c) **Response**

```
{
  "response": {
    "hosting": "_ID_",
    "code": "1000",
    "order": "_ORDER_",
    "expiration": "_EXPDATE_",
    "message": "Command completed successfully"
  }
}
```

Error response:

```
{
  "response": {
    "code": "_ERROR_CODE_",
    "message": "_ERR_MESSAGE_"
  }
}
```

#### 4.24. Manage DS Records (DnsSec)

Note: This command is not supported in Test Environment.

##### a) **JSON request**

```
{
  "request": {
    "type": "managednssec",
    "apiKey": "myapikey",
    "domainname": "mydomain.gr",
    "dnssectoadd": {
      "ds": [
        {
          "keyTag": "22222",
          "alg": "5",
          "digest": "745D3A419DAAAAAAAAAAAAAB187E770E6DA56653A",
          "publicKey": ""
        }
      ]
    },
    "dnssectoremove": {
      "ds": [
        {
          "keyTag": "22222",
          "alg": "5",
          "digest": "745D3A419DBBBBBBBBBBBBBBBB187E770E6DA56653A",
          "publicKey": ""
        }
      ]
    }
  }
}
```

##### b) **Parameters:**

<b>type</b>		Τιμή: managednssec
<b>apiKey</b>	a valid API Key for your user account	

<b>domainname</b>		
<b>dnssectoadd</b>	Dns records to add	
<b>dnssectoremove</b>	Dnsrecords to remove	
<b>keyTag</b>	KeyTag	
<b>alg</b>	Algorithm id	Values: 3:DSA_SHA1_NSEC 6:DSA_SHA1_NSEC3 5:RSA_SHA1_NSEC 7:RSA_SHA1_NSEC3 8:RSA_SHA256
<b>digest</b>		Optional for .eu
<b>publicKey</b>		Optional for .gr

c) **Response**

```
{
  "response": {
    "code": "1000",
    "message": "Command completed successfully"
  }
}
```

Error response:

```
{
  "response": {
    "code": "_ERROR_CODE_",
    "message": "_ERR_MESSAGE_"
  }
}
```



#### 4.25. DnsSec Information

##### **Info about dns records**

Note: This command is not supported in Test Environment.

##### a) **JSON request**

```
{
  "request": {
    "type": "dnssecinfo",
    "apiKey": "myapikey",
    "domainname": "mydomain.gr"
  }
}
```

##### b) **Parameters:**

<b>type</b>		Value: managednssec
<b>apiKey</b>	a valid API Key for your user account	
<b>domainname</b>		

##### c) **Response**

```
{
  "response": {
    "code": "1000",
    "message": "Command Completed Successfully",
    "dsrecords": [
      {
        "keyTag": "41190",
        "alg": "8",

```

```

        "digest": "745D3A419DAAAAAAAAAAAAAB187E770E6DA56653A",
        "publicKey": ""
    },
    ],
    "Dsecinfo": [
        {
            "wasSuccessful": "true",
            "validationOutcome": "Η επιβεβαίωση των εγγραφών DS ήταν επιτυχής.",
            "validationDate": "2014-01-09T21:54:59.0Z"
        }
    ]
}
}

```

Error response:

```

{
  "response": {
    "code": "_ERROR_CODE_",
    "message": "_ERR_MESSAGE_"
  }
}

```

## **5. Extras and Specifications**

### **5.1. Extras**

Country list for EU

To be eligible to register a .EU domain, you must have residency in one of the countries/regions designated by EURid, the .EU registry.

GB = United Kingdom  
 AT = Austria  
 AX = Aland Islands  
 BE = Belgium  
 CY = Cyprus  
 CZ = Czech Republic  
 DE = Germany

DK = Denmark  
EE = Estonia  
ES = Spain  
FI = Finland  
FR = France  
GI = Gibraltar  
GF = French Guyana  
GP = Guadeloupe  
GR = Greece  
HU = Hungary  
IE = Ireland  
IT = Italy  
LT = Lithuania  
LU = Luxembourg  
LV = Latvia  
MQ = Martinique  
MT = Malta (including Gozo and Comino)  
NL = Netherlands  
PL = Poland  
PT = Portugal  
RE = Reunion  
SE = Sweden  
SI = Slovenia  
SK = Slovakia

## 5.2 Extra Attributes

### **.ASIA extra\_attributes**

The `extra_attributes` associative array contains Charter Eligibility Declaration (CED) information to satisfy regional presence requirements of the .ASIA registry, including the stated purpose of the domain, the category of the registrant and the country code validator.

Parameters within the `extra_attributes` associative array are described below.

Parameter Name	Value	domainregister	changeregistrar
contact_type	The contact that is the	Required	Required

	designated CED Contact. Allowed values are <b>owner, admin, tech,</b> or <b>billing.</b>		
id_number	Identification number or code of reference for the specified <b>id_type</b> , for example, a passport number.	Required	Required
id_type	The type of ID used to validate the CED information. Allowed values are <b>passport, certificate</b> (of Incorporation or business registration), <b>legislation</b> (act, decree or legislation chartering the formation of an entity), <b>societyRegistry, politicalPartyRegistry</b> , or <b>other</b> . <b>Note:</b> If you specify <b>other</b> , you must also submit the <b>id_type_info</b> parameter.	Required	Required
id_type_info	A description of the id type; the maximum number of characters allowed is	Required	Required

	255.		
legal_entity_type	<p>The legal entity type of the CED. Allowed values are <b>naturalPerson, corporation, cooperative, partnership, government, politicalParty, society, institution, or other.</b></p> <p><b>Note:</b> If you specify other, you must also submit the <b>legal_entity_type_info</b> parameter.</p>	Required	Required
legal_entity_type_info	A description of the legal entity type; the maximum number of characters allowed is 255.	Required	Required
locality_country	<p>County code from the list of qualifying countries. For a definition of the geographical boundaries of the Asia/Australia/Pacific region, see <a href="http://www.icann.org/montreal/geo-regions-topic.htm">http://www.icann.org/montreal/geo-regions-topic.htm</a></p>	Required	Required

### **.US extra\_attributes**

The **extra\_attributes** associative array contains Nexus information for .US domains, to

satisfy the American presence requirements of the registry.

Parameters within the nexus associative array are described below.

<b>Parameter Name</b>	<b>Value</b>	<b>domainregister</b>	<b>changeregistrar</b>
app_purpose	A description of the domain's application purpose: <ul style="list-style-type: none"><li>• <b>P1</b>—Business use for profit.</li><li>• <b>P2</b>—Non-profit business, club, association, religious organization, and so on.</li><li>• <b>P3</b>—Personal use.</li><li>• <b>P4</b>—Education purposes.</li><li>• <b>P5</b>—Government purposes.</li></ul>	Required	Required
category	A description of the domain's nexus category: <ul style="list-style-type: none"><li>• <b>C11</b>—A citizen of the U.S. or any of its territories.</li><li>• <b>C12</b>—A permanent resident of the U.S. or any of its territories.</li><li>• <b>C21</b>—An organization incorporated within the U.S.</li><li>• <b>C31</b>—An entity that regularly engages in lawful activities in the U.S.</li><li>• <b>C32</b>—An entity that</li></ul>	Required	Required

	has an office or other facility U.S.		
validator	The domain owner's country of citizenship. Value must be a valid twoletter country code.	Required if <b>category = C31 or C32</b>	Required if <b>category = C31 or C32</b>

### **.IT extra\_attributes**

The **extra\_attributes** associative array contains information to satisfy the regional presence requirements of the registry.

Parameters within the **extra\_attributes** associative array are described below.

<b>Parameter Name</b>	<b>Value</b>	<b>domainregister</b>	<b>changeregistrar</b>
entity_type	The legal entity type of registrant. Allowed values are: <ul style="list-style-type: none"> <li>• <b>1</b>—Italian and foreign natural persons</li> <li>• <b>2</b>—Companies/one man companies</li> <li>• <b>3</b>—Freelance workers/professionals</li> <li>• <b>4</b>—Non-profit organizations</li> <li>• <b>5</b>—Public organizations</li> <li>• <b>6</b>—Other subjects</li> <li>• <b>7</b>—Foreigners who match 2-6</li> </ul>	Required	Required
nationality_code	The 2-digit ISO 3166-1 code that identifies the	Required	Required

	<p>Registrant's nationality.</p> <p>If <b>entity_type = 1</b>, nationality or owner's country or both must be an EU country.</p> <p>If <b>entity_type = 2-6</b>, this value must be <b>IT</b>.</p> <p>If <b>entity_type = 7</b>, this value must match owner's country and must be an EU country other than IT.</p> <p><b>Note:</b> Be sure to use capital letters.</p>		
reg_code	<p>An identifying number, usually the VAT or Codice Fiscale (numeric tax code).</p> <p>The value that you need to enter depends on the entity type of the registrant.</p> <ul style="list-style-type: none"> <li>• Italian citizens must enter their Codice Fiscale.</li> <li>• Non Italians not living in Italy can enter <b>n.a.</b></li> <li>• Italian companies, freelancers, and other subjects must enter their 11 digit VAT number or tax identification number.</li> <li>• Italian non-profit</li> </ul>	<b>Required</b>	<b>Required</b>



	<p>organizations must enter their VAT number or tax identification number; however, if they do not have one, they can enter <b>n.a.</b></p> <ul style="list-style-type: none"> <li>• Non Italian entities other than persons (organizations, freelancers, companies, etc.) may enter their VAT number or <b>n.a.</b></li> </ul>		
--	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	--

### **.FR extra\_attributes**

.FR domains are available to any individuals and organizations located in the European Union, Switzerland, Norway, Iceland, or Liechtenstein. Individuals must reside within one of the qualifying countries; organizations must have their registered or main office located in a qualifying country; therefore, when registering or transferring .FR domains, you must provide additional residency information.

Parameters within the **extra\_attributes** associative array are described below.

Parameter Name	Value	domainregister	changeregistrar
<b>date_of_birth</b>	The registrant's date of birth in the format <i>YYYY-MM-DD</i> .	Required	Required
<b>place_of_birth</b>	The city in which the individual was born.	Required	Required
<b>country_of_birth</b>	The domain owner's country of citizenship. Value must be a valid twoletter country code.	<b>Required</b>	<b>Required</b>
<b>postal_code_of_birth</b>	The postal code of the	Required	Required

	registrant's place of birth.		
registrant_type	The entity type of registrant. Allowed values are <b>individual</b> and <b>organization</b> .	Required	Required

### **.RU extra\_attributes**

The registrant\_extra\_info associative array contains information to satisfy requirements of the registry.

Parameters within the **extra\_attributes** associative array are described below.

Parameter Name	Value	domainregister	changeregistrar
date_of_birth	The registrant's date of birth in the format <i>YYYY-MM-DD</i> .	Required	Required
id_card_authority	The name of the issuer.	Required	Required
id_card_issue_date	The date that the ID card was issued, in the format <i>YYYY-MM-DD</i> .	Required	Required
id_card_number	The number of the individual's identity card.	Required	Required
registrant_type	The entity type of registrant. Allowed	Required	Required

	values are <b>individual</b> and <b>organization</b> .		
place_of_birth	The city in which the individual was born.	Required	Required

### **.AU extra\_attributes**

The **extra\_attributes** associative array contains information about specific requirements that registrants of .AU domains must meet.

Parameters within the **extra\_attributes** associative array are described below.

Parameter Name	Value	domainregistrar	changeregistrar
eligibility_id	The identifier of the eligibility document. <b>Important:</b> This number will be verified, and if you submit an incorrect number, the registration will fail.	Required	Required
eligibility_id_type	The Eligibility ID type. The allowed values depend on the <b>eligibility_type</b> specified. Allowed value for <b>Charity</b> is <b>ABN</b> . Allowed value for <b>Club</b> is <b>ABN</b> . Allowed values for <b>Incorporated Association</b> are <b>ACT BN</b> , <b>NSW BN</b> , <b>NT BN</b> , <b>QLD BN</b> , <b>SA BN</b> , <b>TAS BN</b> , <b>VIC BN</b> , and <b>WA BN</b> . Allowed values for <b>Nonprofit</b>	Required	Required

	<p><b>Organization</b> are <b>ABN, ACT BN, ACN, NSW BN, NT BN, QLD BN, SA BN, TAS BN, VIC BN, WA BN</b>, and <b>OTHER</b>.  Allowed value for <b>Trade Union</b> is <b>OTHER</b>.  Allowed value for <b>Company</b> is <b>ACN</b>.  Allowed value for <b>Registered Business</b> is <b>OTHER</b>.  Allowed value for <b>Sole Trader</b> is <b>ABN</b>.  Allowed value for <b>Trademark Owner</b> is <b>TM</b>.  Allowed value for <b>Pending Trademark Owner</b> is <b>TM</b>.  Allowed value for <b>Partnership</b> is <b>ABN</b>.</p>		
eligibility_name	The name on the eligibility ID document.	Required	Required
policy_reason	<p>Indicates the reason the registrant is entitled to the domain name.  Allowed values are:  <b>1</b>—The name exactly matches the acronym or abbreviation of the registrant's company or trading name, organization or association name, or trademark.  <b>2</b>—The name is connected closely and substantially to the registrant. This is the default.</p>	Required	Required

eligibility_type	<p>The reason that the registrant is eligible for the domain name. The <b>eligibility_type</b> must correspond to the <b>eligibility_name</b>. For example, if the registrant is using their company name to register the domain, then their <b>eligibility_type</b> is <b>Company</b>. If they are using their Registered Business Name to register the domain, then their <b>eligibility_type</b> is <b>Registered Business</b>, even if they are also a company.</p> <p>Allowed values for .ASN.AU and .ORG.AU domains are:</p> <ul style="list-style-type: none"> <li>♣ <b>Charity</b></li> <li>♣ <b>Club</b></li> <li>♣ <b>Incorporated Association</b></li> <li>♣ <b>Non-profit Organization</b></li> <li>♣ <b>Trade Union</b></li> </ul> <p>Allowed values for .COM.AU and .NET.AU domains are:</p> <ul style="list-style-type: none"> <li>♣ <b>Company</b></li> <li>♣ <b>Partnership</b></li> <li>♣ <b>Pending TM Owner</b></li> <li>♣ <b>Registered Business</b></li> <li>♣ <b>Sole Trader</b></li> <li>♣ <b>Trademark Owner</b></li> </ul> <p>Allowed value for .ID.AU domains is <b>Citizen/Resident</b></p>	Required	Required
registrant_id	The registrant identifier.	Required	Required

	Must correspond to the <b>registrant_id_type</b> value (that is, the ABN or ACN), <b>Important:</b> This number will be verified, and if you submit an incorrect number, the registration will fail.		
<b>registrant_id_type</b>	The Registrant ID type. Allowed values are: <ul style="list-style-type: none"> <li>• <b>ACN</b>—Australian Company Number</li> <li>• <b>ABN</b>—Australian Business Number</li> </ul>	Required	Required
<b>registrant_name</b>	The legal entity such as a company, incorporated association, government agency or individual person. Cannot be a registered business name or trademark.	Required	Required

### **.XXX extra\_attributes**

.XXX domains are available to those within the adult entertainment industry who are members of the Sponsored Community (SC). The **extra\_attributes** associative array contains information to prove that the registrant is a member of the Sponsored Community.

Parameters within the **extra\_attributes** associative array are described below.

<b>Parameter Name</b>	<b>Value</b>	<b>domainregister</b>	<b>changeregistrar</b>
<b>ipr_non_resolver</b>	When this value is set to <b>1</b> the domain will not resolve. If you submit this value, set value "" in all other <b>extra_attributes values</b>	Required	Required
<b>icm_membership_id</b>	The ID number that was	Required	Required

	<p>provided when the registrant successfully completed the XXX Sponsored Community validation process. If this value is not submitted with the domain registration, the registry will contact the registrant with instructions on how to become a member of the Sponsored Community.</p> <p>If you submit this value, set value "" in all other <b>extra_attributes values</b></p> <p>If you submit this value, you must also submit the <b>icm_membership_password value.</b></p>		
icm_membership_password	<p>If you submit this value, you must also submit the <b>icm_membership_id</b> value.</p>	Required	Required
ipr_email	<p>The email address to which all communications from the registry will be addressed.</p> <p>If you submit this value, you must also submit the <b>ipr_name</b> value.</p>	Required	Required
ipr_name	<p>The name (in the format firstname lastname) to which all communications from the registry will be addressed.</p> <p>If you submit this value, you must also submit the <b>ipr_email</b> value.</p>	Required	Required

### **.PRO extra\_attributes**

In order to register a .PRO domain name, the registrant must belong to an accredited profession.

Parameters within the **extra\_attributes** associative array are described below.

Parameter Name	Value	domainregister	changeregistrar
profession	The stated profession of the registrant.	Required	Required

### **.COM.AR , COM.PT, .PT extra\_attributes**

Parameter Name	Value	domainregister	changeregistrar
id_card_number	The number of the individual's identity card.	Required	Required
registrant_type	The entity type of registrant. Allowed values are <b>individual</b> or <b>organization</b> .	Required	Required
tax_number	The number used for tax purposes.	Required	Required

### **.LV , .COM.LV extra\_attributes**

Parameter Name	Value	domainregister	changeregistrar
registrant_type	The entity type of registrant. Allowed values	Required	Required



	are <b>individual</b> or <b>organization</b> .		
id_card_number	The number of the individual's identity card.	Required	Required
registration_number	The business number of the organization.	Required	Required
registrant_vat_id	The Value Added Tax (VAT) number of the organization	Required	Required

#### **.HU , .CO.HU extra\_attributes**

The registrant\_extra\_info associative array contains information to satisfy requirements of the registry.

Parameters within the registrant\_extra\_info associative array are described below.

Parameter Name	Value	domainregister	changeregistrar
registrant_type	The entity type of registrant. Allowed values are <b>individual</b> or <b>organization</b> .	Required	Required
id_card_number	The number of the individual's identity card.	Required	Required
registrant_vat_id	Value Added Tax registration number.	Required	Required

### **.COM.BR extra\_attributes**

<b>Parameter Name</b>	<b>Value</b>	<b>domainregister</b>	<b>changeregistrar</b>
<b>br_register_number</b>	For organizations, this is the SNPJ (Business Identifier/Cadastro Nacional de Pessoa Juridica). For individuals, this is the CPF (Individual Tax Number/Cadastro de Pessoa Fisica)	Required	Required

### **.NO extra\_attributes**

<b>Parameter Name</b>	<b>Value</b>	<b>domainregister</b>	<b>changeregistrar</b>
<b>registration_number</b>	The individual's identity card number.	Required	Required

### **.RO, .COM.RO extra\_attributes**

<b>Parameter Name</b>	<b>Value</b>	<b>domainregister</b>	<b>changeregistrar</b>
<b>id_card_number</b>	The number of the individual's identity card.	Required	Required
<b>registration_number</b>	The business number of the organization.	Required	Required
<b>registrant_type</b>	The entity type of registrant. Allowed values are	Required	Required

	<b>individual or organization.</b>		
registrant_vat_id	The Value Added Tax (VAT) number of the organization	Required	Required

### **.SE extra\_attributes**

Parameter Name	Value	domainregister	changeregistrar
registrant_type	The entity type of registrant. Allowed values are <b>individual or organization.</b>	Required	Required
id_card_number	The number of the individual's identity card.	Required	Required
registration_number	The business number of the organization	Required	Required
registrant_vat_id	The Value Added Tax (VAT) number of the organization	Required	Required

### **.DE extra\_attributes**

Parameter Name	Value	domainregister	changeregistrar
registrant_type	The entity type of	Required	Required

	registrant. Allowed values are <b>individual</b> or <b>organization.</b>		
--	--------------------------------------------------------------------------------------	--	--

### **.DK extra\_attributes**

<b>Parameter Name</b>	<b>Value</b>	<b>domainregister</b>	<b>changeregistrar</b>
registrant_type	The entity type of registrant. Allowed values are <b>individual</b> or <b>organization.</b>	Required	Required
registrant_vat_id	The Value Added Tax (VAT) number of the organization	Required	Required

### **.FI extra\_attributes**

<b>Parameter Name</b>	<b>Value</b>	<b>domainregister</b>	<b>changeregistrar</b>
registrant_type	The entity type of registrant. Allowed values are <b>individual</b> or <b>organization.</b>	Required	Required
id_card_number	The number of the individual's identity card.	Required	Required
registration_number	The business number of the organization	Required	Required

## Json Request Example

```
{
  "request": {
    "do": "domainregister",
    "apiKey": "myapikey",
    "domainname": "testdomain.us",
    "description": " ",
    "ip1": " ",
    "ip2": " ",
    "ip3": " ",
    "ip4": " ",
    "ns1": "",
    "ns2": "",
    "ns3": "",
    "ns4": "",
    "owner_fullname": "my fullname",
    "owner_firstname": "myfirstname",
    "owner_lastname": "mylastname",
    "owner_email": "myemail@hotmail.com",
    "owner_address": "sdfsdf 14",
    "owner_state": "sdfsdf",
    "owner_city": "sdfsdf",
    "owner_postcode": "2222",
    "owner_country": "GR",
    "owner_phone": "+30.2102552555",
    "owner_fax": "",
    "owner_litepsd": " ",
    "owner_title": " ",
    "regperiod": "1",
    "idprotect": "false",
    "customer_language": "gr",
    "extra_attributes": {
      "category": "C11",
      "app_purpose": "P1",
      "validator": ""
    }
  }
}
```

### 5.3 Asynchronous domains

Για συγκεκριμένα tlds η κατοχύρωση και η ανανέωση γίνονται ασύγχρονα μέσα σε ένα μικρό χρονικό διάστημα. Τα tlds που λειτουργούν με αυτό τον τρόπο είναι :

.co.il,.com.ar,.com.br,.com.hr,.com.lv,.com.pt,.com.ro,.com.ua,.cz,.dk,.fi,.lt,.lv,  
.no,.pt,.ro,.ru,.si

### 5.4 Cabe

Για συγκεκριμένα tlds η ανανέωση θα πρέπει να σταλεί έναν συγκεκριμένο αριθμό ημερών πριν τη λήξη του domain. Διαφορετικά δε θα μπορεί να ανανεωθεί το domain. Η συγκεκριμένη ιδιαιτερότητα αφορά τα tlds:

Tld	Ελάχιστος αριθμός ημερών ανανέωσης πριν τη λήξη ενός domain
.ac	6
.asn.au	33
.at	5
.be	33
.biz.pl	5
.bz	33
.ca	33
.cc	33
.ch	5
.co.il	35
.co.za	5
.com.ar	35
.com.au	33
.com.br	33
.com.hr	33
.com.lv	40
.com.pl	5
.com.pt	35
.com.ro	35
.com.ua	33

.cz	35
.dk	37
.edu.pl	5
.es	33
.fi	33
.fm	5
.fr	5
.gs	7
.id.au	33
.in	33
.info.pl	5
.io	6
.la	5
.li	5
.lt	40
.lv	40
.md	10
.ms	7
.mx	4
.net.au	33
.net.pl	5
.no	15
.nom.pl	5
.org.au	33
.org.pl	5
.pl	5
.pt	35
.ro	35
.ru	37
.se	5
.sh	6
.shop.pl	5
.si	36

.tv	33
.waw.pl	5
.ws	33



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