

API Usage Guide

For resellers of domain names

Version 2.0

The following pages give you an overview of API, and the categories of commands in the API, which are available to you for each major type of task.

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1.Purpose

This documentation mainly describes the protocol and the commands in the API with respect to real-time registration and business management. It includes Interactive Mode of Client-Sever, Commands & Datas. On the basis of safety of Data, coding, information transmission, all resellers could develop their own system using ONlineNIC's Back-end with the information described in this documentation.

2.Availability

All OnlineNIC resellers are free access to our API.

3.Reference

《Technical Manual for Template 4.0》

4.Abbreviation

Abbreviation	Full Name
API	Application Program Interface
TLD	Top-Level Domain
IDN	Internationalized domain name

5.Name Definition

Term	Definition
API	An application program interface is a set of routines and criterion and protocols by the provider. The client could communicate with our server via API.

6.Introduction

6.1.Brief Introduction

This documentation is for the client who wants to integrate API with their own system. OnlineNIC provide technical support for such project via Email at support@onlinenic.com.

The application program interface (API) is a set of routines and criterion and protocols by OnlineNIC. With the specifications provided here, you can develop your own real-time system using OnlineNIC's back-end. The data between the client and server is to be exchanged via a socket connection. It makes you and your client easier to complete products purchase, management, and info-query and so on via API.

6.2.Usage

Via API, you could complete real-time registration, renewal, inquiries, information update, deletion and other related operation for a domain.

6.3.Testing Server

Test server IP: 218.5.81.149
Port: 30009
Testing account: 135610
Password: 654123

6.4.Demo

You need to log in our demo with your real OnlineNIC account ID and password. The demo URL is https://218.5.81.149/apidemo_oversea/index.php

6.5.Note

Our API is not case sensitive (except passwords), but your coding application or language might be. This catalog is formatted for readability, not for the cases our API returns. Please test your code to conform to case sensitivity requirements.

For IDN, it must be puny-encoded.

7.API Commands

7.1. Connection Module

7.1.1. Live Server

Server: www.onlinenic.com

Port: 30009

Account: your OnlineNIC account id.

Password: You account password.

7.1.2. Establish Connection

Using the server and port information provided above to set up TCP connection. Once connection is established successfully, you will receive a greeting message which comes from our server. The message is as below:

```
<?xml version="1.0"?>
<response>
  <category>client</category>
  <action>Greeting</action>
  <code>1000</code>
  <msg>Your Connection with API Server is Successful</msg>
  <resData>
    <data name="svDate">2009-02-16 06:22:21</data>
  </resData>
</response>
```

7.1.3. Login Command

7.1.3.1. Definition

Label	Definition
Command :	
<request>	
<category>CATEGORY </category>	CATEGORY : "client"
<action> ACTION </action>	ACTION : Login
<cltrid>CLTRID </cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM </chksum>	md5(clid(reseller ID) + md5(password) + cltrid + "login")
</request>	
Returned parameters and values	
<response>	

<category> CATEGORY </category>	CATEGORY : client
<action> ACTION </action>	ACTION : Login
<code>CODE </code>	Please refer to Codes Explanation in appendix.
<msg>msg </msg>	Please refer to Codes Explanation in appendix.
<value>value </value>	Please refer to Codes Explanation in appendix.
<cltrid>cltrid </cltrid>	Order number which is generated by customer and must be unique.
<svtrid>svtrid</svtrid>	Order number which is generated by Server.
<chksum>chksum</chksum>	Md5 secret keyi between reseller and ONlineNIC. Chksum = md5(clid(reseller ID) + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.1.3.2. Command Description

Set up Login session after successful connection.

7.1.3.3. DEMO Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click Client->Login.

7.1.3.4. Constraints

The login ID and password must be valid.

7.1.3.5. Notes

At most 150 requests you could submit in one session.

7.1.3.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
  <category>client</category>
  <action>Login</action>
  <params>
    <param name="clid">135610</param>
  </params>
  <cltrid>150132A1239962604B990</cltrid>
  <chksum>873ff96234542b78crewdsbfbdb78ebd</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
  <category>client</category>
  <action>Login</action>
  <code>1000</code>
  <msg>Command complateted successfully</msg>
  <value>L118:no value</value>
  <resData>
  </resData>
  <cltrid>150132A1239962604B990</cltrid>
  <svtrid>150132A1239962604B990-API-SRV</svtrid>
```

```
<checksum>f99e5f15fe8e779892c78a74b631b6df</checksum>
</response>
```

7.1.4. Send request to Server

After login session is set up, you may send your requests to server.

7.1.5. Returned parameters and values

The returned message consists of the code and description. It helps to explain the result of the command which you sent and the message concerning the failure.

7.1.6. Logout

7.1.6.1. Definition

Label	Definition
Command :	
<request>	
<category>CATEGORY</category>	CATEGORY : "client"
<action>ACTION</action>	ACTION : Logout
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<checksum>CHKSUM</checksum>	md5(clid(reseller ID) + md5(password) + cltrid + "logout")
</request>	
Returned parameters and values	
<response>	
<category>CATEGORY</category>	CATEGORY : client
<action>ACTION</action>	ACTION : Logout
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<checksum>CHKSUM</checksum>	Md5 secret key between reseller and ONlineNIC. CHKSUM = md5(clid(reseller ID) + md5(password) + cltrid + svtrid + code +

	msg + value)
</response>	

7.1.6.2. Command Description

The logout command is for disconnection from our server.

7.1.6.3. DEMO Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click Client->Logout.

7.1.6.4. Constraints

Logout session is valid after only if you have set up login session

7.1.6.5. Notes

Logout command kills the connection session between client and server.

7.1.6.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
<category>client</category>
<action>Logout</action>
<cltrid>150132A1238053251B362</cltrid>
<chksum>8cea79fb34b3dc7f1de1e8cae500b274</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
<category>client</category>
<action>Logout</action>
<code>1500</code>
<msg>Command completeted successfully;ending session</msg>
<value>L46:no value</value>
<resData>
</resData>
<cltrid>150132A1238053251B362</cltrid>
<svtrid>150132A1238053251B362-API-SRV</svtrid>
<chksum>2971f9bed45b1ab482766f99f14031e4</chksum>
</response>
```

7.2. Domain Services and Management

7.2.1. Manage Contacts

7.2.1.1. Supported Domains Type

Table-2-1

Domains Extension	Type	Explanation
com/net	0	.COM/.NET
org	807	ORG
cn	220	CN
biz	800	BIZ
info	805	INFO
us	806	US
in	808	IN
mobi	903	MOBI
eu	902	EU
asia	905	ASIA
me	906	ME
name	804	NAME

Note: please refer to appendix for more details.

7.2.1.2. Check Contact

7.2.1.2.1. Definition

Label	Definition
Command :	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : CheckContact
<params>	
<param name="domaintype">VALUE</param>	Domain Type ID, please refer to Supported Domains Extensions table (Table-2-1) . For example, domaintype=800 is for .BIZ extension.
<param name="contactid">VALUE</param>	Length1-16. The ID created by CreateContact Command.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(password)+cltrid+"checkcontact"+ domaintype + contactid)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : CheckContact
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in

	appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	The data of result returned. It lists nothing if no data returned.
<data name="contactid">VALUE</data>	Length1-16, The ID created by CreateContact Command
<data name="avail">0</data>	Avail : contact availability label VALUE : "0" means registered. "1" means available.
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number in server.
<chksum>CHKSUM</chksum>	MD5 secret key between reseller and OnlineNIC CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.1.2.2. Command Description

Check if domains contacts exist.

7.2.1.2.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click ContactManage->CheckContact

7.2.1.2.4. Constraints

None

7.2.1.2.5. Notes

None

7.2.1.2.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
  <category>domain</category>
  <action>CheckContact</action>
  <params>
```

```

    <param name="domaintype">805</param>
    <param name="contactid">Oln6687161</param>
  </params>
  <cltrid>150132A1239162894B891</cltrid>
  <chksum>3fea52705725e36c3cff682390b985cf</chksum>
</request>

```

Returned parameters and values

```

<?xml version="1.0"?>
<response>
  <category>domain</category>
  <action>CheckContact</action>
  <code>1000</code>
  <msg>Command completed successfully</msg>
  <value>L143:no value</value>
  <resData>
    <data name="contactid">Oln6687161</data>
    <data name="avail">1</data>
  </resData>
  <cltrid>150132A1239162894B891</cltrid>
  <svtrid>150132A1239162894B891-API-SRV</svtrid>
  <chksum>f959d5fce7557051dff9eaf5d595c69</chksum>
</response>

```

7.2.1.3. Create Contact

7.2.1.3.1. Definition

Label	Definition
Command :	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : domain
<action>ACTION</action>	ACTION : CreateContact
<params>	
Indispensable parameters	
<param name="domaintype">VALUE</param>	Domain Type ID, please refer to Supported Domains Extensions table (Table-2-1) . For example, domaintype=800 is for .BIZ extension.
General parameters below (All domains need to submit the following info, except .EU if you use our default info)	
<param name="name">VALUE</param>	Length 1-60. Registrant name
<param name="org">VALUE</param>	Length 1-60. Organization information
<param name="country">VALUE</param>	Length 2, Country Code :

	Please refer to Appendix for country code for EU and other extensions.
<param name="province">VALUE</param>	Length 1-60. Province/State information
<param name="city">VALUE</param>	Length 1-60. City information
<param name="street">VALUE</param>	Length 1-60. Street address
<param name="postalcode">VALUE</param>	Length 1-10. Post code
<param name="voice">VALUE</param>	Length 1-17. Telephone number (+CountryCode. PhoneNumber)
<param name="fax">VALUE</param>	Length 1-17. Fax number (+CountryCode. PhoneNumber)
<param name="email">VALUE</param>	Length 1-60, Email address for whois
<param name="password">VALUE</param>	Length 6-10, Contact's password
Particular Field	
Peculiar Parameter For EU (Only for registrant)	
<param name="euflag">VALUE</param>	Use our default info : 1-Yes, 0-No
<param name="regtype">VALUE</param>	Length 2. Registrant type : In- Individual, Co-Corporation No need to input Organization info for individual registration.
Peculiar Parameter For CN (Only for registrant)	
<param name="manager">VALUE</param>	Length 1-60. Enterprise administrant name
<param name="industry">VALUE</param>	Length 2-3. The industry field which the holder is in. Please refer to industry type table in appendix.
Peculiar Parameter For ASIA (Only for CED)	
<param name="ccLocality">VALUE</param>	Length 2. Country Code for CED http://www.icann.org/en/meetings/montreal/geo-regions-topic.htm AP = Asia&Pacific /Australia/
<param name="localitySp">VALUE</param>	Length 1-60. CED Province/State in English
<param name="localityCity">VALUE</param>	Length 1-60. CED Province/State in English
<param name="legalEntityType">VALUE</param>	Length 1-20. CED Type of Legal Entity. Please refer to Entity Type in appendix.
<param name="identForm">VALUE</param>	Length 1-25. CED Form of Identification Please view details in appendix.
<param name="identNumber">VALUE</param>	Length 1-30. CED Identification Number
<param name="otherLEType">VALUE</param>	Length 1-30. CED Type of Legal Entity (other).
<param name="otherIdentForm">VALUE</param>	Length 1-30. CED Form of Identification(other)
Peculiar Parameter For US (Only for Registrant)	
<param name="AppPurpose">VALUE</param>	Length 2. Tag AppPurpose and Category are strictly required for .US domain registration. AppPurpose has 5 kinds of values presenting certain registration purpose: P1:Business use for profit P2:Non-profit business, club, association, religious organization, etc. P3:Personal Use P4:Education purposes P5:Government purposes

<pre><param name="NexusCategory">VALUE</param></pre>	<p>Length 6, NexusCategory means the information of Nexus, including three categories. □</p> <p>1.Natural Person: C11: Who is a United States citizen C12: Who is a permanent resident of the United States of America or any of its possessions or territories □</p> <p>2.C21: A United States Organization incorporated within one of the 50 U.S. states, the District of Columbia, or any of the United States possessions or territories or organized 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 □</p> <p>3.An entity or organization that has a bona fide presence in the United States of America or any of its possessions or territories: C31: Which regularly engages in lawful activities (sales off goods or services or other business, commercial or non-commercial, including not-for-profit relations in the United States) C32: Which has an office or other facility in the United States Note:If it is Category 3 (including C31/C32), the country code should be added, just like: NexusCategory=C31/CN Please refer to English Country names and Code Elements in Appendix for country code</p>
</params>	
<pre><cltrid>CLTRID</cltrid></pre>	Order number which is generated by customer and must be unique
<pre><chksum>CHKSUM</chksum></pre>	CHKSUM= md5(clid+md5(password)+cltrid+"crtcontact "+ name (if exist) + org (if exist) + email (if exist))
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<pre><category>CATEGORY</category></pre>	CATEGORY : 'domain'
<pre><action>ACTION</action></pre>	ACTION : CreateContact
<pre><code>CODE</code></pre>	Please refer to Codes Explanation in appendix.
<pre><msg>MSG</msg></pre>	Please refer to Codes Explanation in appendix.
<pre><value>VALUE</value></pre>	Please refer to Codes Explanation in appendix.
<resData>	

<data name="contactid">VALUE</data>	Length1-16, Return the new contact ID
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<svtrid>SVTRID</svtrid>	Order Number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.1.3.2. Command Description

You should create 4 types of contact (Registrant, Administrator, Technician, and Billing contact) before domain registration. The command may be represented in various ways for different domain type.

7.2.1.3.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click ContactManage->CreateContact

7.2.1.3.4. Constraints

The command may be represented in various ways for different domain type. Additional info is required for some extensions.

7.2.1.3.5. Notes

None

7.2.1.3.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
  <category>domain</category>
  <action>CreateContact</action>
  <params>
    <param name="domaintype">0</param>
    <param name="name">Leon</param>
    <param name="org">OnlineNIC</param>
    <param name="country">US</param>
    <param name="province">FL</param>
    <param name="city">FLV</param>
    <param name="street">No 1 Street 1</param>
    <param name="postalcode">abcde</param>
    <param name="voice">+1.3950160530</param>
  </params>
</request>
```

```

    <param name="fax">+1.3950160530</param>
    <param name="email">fist@onlinenic.com</param>
    <param name="password">5846213</param>
  </params>
  <cltrid>150132A1239072176B953</cltrid>
  <chksum>905c4747ab0abd6655c5fcf7029cbf39</chksum>
</request>

```

Returned parameters and values

```

<?xml version="1.0"?>
<response>
  <category>domain</category>
  <action>CreateContact</action>
  <code>1000</code>
  <msg>Command completed successfully</msg>
  <value>L264:no value</value>
  <resData>
    <data name="contactid">oln7906088</data>
  </resData>
  <cltrid>150132A1239072176B953</cltrid>
  <svtrid>150132A1239072176B953-API-SRV</svtrid>
  <chksum>38b4b09b08c1efd80e071b17fd322c7e</chksum>
</response>

```

7.2.1.4. Update Contacts

7.2.1.4.1. Definition

Label	Definition
Command :	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : domain
<action>ACTION</action>	ACTION : UpdateContact
<params>	
Indispensable Parameters	
<param name="domaintype">VALUE</param>	Domain Type ID, please refer to Supported Domains Extensions table (Table-2-1) . For example : domaintype=800 is for .BIZ extension.
<param name='domain'>VALUE</param>	Length 1-68, Domain name
<param name="contacttype">VALUE</param>	Contact type : registrant - registrant, admin - administrator, tech - technician, billing - billing contact.
General parameters below (All domains need to submit the following info, except EU if you use our default info)	
<param name="name">VALUE</param>	Length 1-60. Registrant name of registrant
<param name="org">VALUE</param>	Length 1-60. Organization information of registrant
<param name="country">VALUE</param>	Length 2. Please refer to country code for EU and

	other extensions in Appendix.
<param name="province">VALUE</param>	Length 1-60. Province of registrant
<param name="city">VALUE</param>	Length 1-60. City of registrant
<param name="street">VALUE</param>	Length 1-60. Address of registrant
<param name="postalcode">VALUE</param>	Length 1-10. Post code
<param name="voice">VALUE</param>	Length 1-17. Telephone number (+CountryCode. PhoneNumber)
<param name="fax">VALUE</param>	Length 1-17. Fax number (+CountryCode. PhoneNumber)
<param name="email">VALUE</param>	Length 1-60. Email address for whois
<param name="password">VALUE</param>	Length 6-10. Contact's password
Particular Field	
Peculiar Parameter For EU (Only for registrant)	
<param name="euflag">VALUE</param>	Use our default info : 1-Yes, 0-No
<param name="regtype">VALUE</param>	Length 2, Registrant type : In- Individual, Co-Corporation Note: No need to input Organization information for Individual registration.
Peculiar Parameter For CN (Only for registrant)	
<param name="manager">VALUE</param>	Length 1-60. Enterprise administrant name
<param name="industry">VALUE</param>	Length 2-3, The industry field which the holder is in. Please refer to The industry Type value for CN domain names in appendix.
Peculiar Parameter For ASIA (Only for CED)	
<param name="ccLocality">VALUE</param>	Length 2. CED Country Code : http://www.icann.org/en/meetings/montreal/geo-regions-topic.htm AP = Asia&Pacific/Australia
<param name="localitySp">VALUE</param>	Length 1-60. CED Province/State in English
<param name="localityCity">VALUE</param>	Length 1-60. CED Province/State in English
<param name="legalEntityType">VALUE</param>	Length 1-20. CED Type
<param name="identForm">VALUE</param>	Length 1-25. CED Form of Identification
<param name="identNumber">VALUE</param>	Length 1-30. CED Identification Number
<param name="otherLEType">VALUE</param>	Length 0-30. CED Type of Legal Entity
<param name="otherIdentForm">VALUE</param>	Length 0-30. CED Form of Identification
Peculiar Parameter For US (Only for Registrant)	
<param name="AppPurpose">VALUE</param>	Length 2. Tag AppPurpose and Category are strictly required for .US domain registration. AppPurpose has 5 kinds of values presenting certain registration purpose: P1:Business use for profit P2:Non-profit business, club, association, religious organization, etc. P3:Personal use P4:Education purposes P5:Government purposes
<param name="NexusCategory">VALUE</param>	Length 6. NexusCategory means the information of

	<p>Nexus, including three categories. □</p> <p>1.Natural Person: C11: Who is a United States citizen C12: Who is a permanent resident of the United States of America or any of its possessions or territories □</p> <p>2.C21: A United States Organization incorporated within one of the 50 U.S. states, the District of Columbia, or any of the United States possessions or territories or organized 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 □</p> <p>3. An entity or organization that has a bona fide presence in the United States of America or any of its possessions or territories: C31: Which regularly engages in lawful activities (sales off goods or services or other business, commercial or non-commercial, including not-for-profit relations in the United States) C32: Which has an office or other facility in the United States If it is Category 3 (including C31/C32), the country code should be added, for instance: NexusCategory=C31/CN Please refer to English Country names and Code Elements in Appendix for country code</p>
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM=md5(clid+md5(password)+cltrid+"updatecontact"+ domaintype + domain + contacttype)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : UpdateContact
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	
<data name="contactid">VALUE</data>	Length1-16. Return the new contact ID
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by

	customer and must be unique.
<svtrid>SVTRID</svtrid>	Order Number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.1.4.2. Command Description

Update the certain one contact information.

7.2.1.4.3. Demo Guide

Please login http://218.5.81.149/athens_oversea/ and click ContactManage->UpdateContact

7.2.1.4.4. Constraints

The domain must be in your account. The command may be representing in various ways for different domain type. Additional info is required for some other extensions.

7.2.1.4.5. Notes

- For .CN, the Organization part is unavailable for modification.
- .EU only has registrant contact. The registrant name, organization, registrant email address fields can't be modified.
- The registrant name for all domains is unavailable for modification. Please use [ChangeRegistrant](#) to update registrant name.

7.2.1.4.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
  <category>domain</category>
  <action>UpdateContact</action>
  <params>
    <param name="domaintype">0</param>
    <param name="domain">menmen3.com</param>
    <param name="contacttype">tech</param>
    <param name="name">leon</param>
    <param name="org">OnlineNIC</param>
    <param name="country">US</param>
    <param name="province">LA</param>
  </params>
</request>
```

```

<param name="city"> LA</param>
<param name="street"> No 1 Street 1</param>
<param name="postalcode">361104</param>
<param name="voice">+1.3950160530</param>
<param name="fax">+1.3950160530</param>
<param name="email">fist@onlinenic.com </param>
</params>
<cltrid>150132A1239072576B873</cltrid>
<chksum>399b636783bee28bc3a49fc5785d6d20</chksum>
</request>

```

Returned parameters and values

```

<?xml version="1.0"?>
<response>
  <category>domain</category>
  <action>UpdateContact</action>
  <code>1000</code>
  <msg>Command completed successfully</msg>
  <value>L270:no value</value>
  <resData>
  </resData>
  <cltrid>150132A1239072576B873</cltrid>
  <svtrid>150132A1239072576B873-API-SRV</svtrid>
  <chksum>b93956c1058e65f589022d7c6f24a081</chksum>
</response>

```

7.2.1.5. Change Registrant

7.2.1.5.1. Definition

Label	Definition
Command :	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : domain
<action>ACTION</action>	ACTION : ChangeRegistrant
<params>	
<param name="domaintype">VALUE</param>	Domain type ID. Please refer to Supported Domains Extensions table (Table-2-1) .
<param name='domain'>VALUE</param>	Length1-68, Domain Name. Please refer to Domain Name Format in Appendix.
<param name="regtype">VALUE</param>	Length 2, Special for EU : In- Individual, Co-Corporation
<param name="name">VALUE</param>	Length 1-60, Registrant name for all supported domains except .CN.
<param name="org">VALUE</param>	Length 1-60, Organization Info in Registrant field Note: for CN/EU trade purpose.
<param name="email">VALUE</param>	Length 1-60, Email address Note: especially for EU trade.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.

<checksum>CHKSUM</checksum>	CHKSUM = md5(clid+md5(password)+cltrid+"chgregistrant"+ domaintype + domain + name (if exist) + org (if exist) + email (if exist))
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : domain
<action>ACTION</action>	ACTION : ChangeRegistrant
<code>CODE</code>	1001 – EU trade request has been submitted successfully (pending) 1000 – The request has been processed successfully (success) Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	
<data name='domain'>VALUE</data>	Length1-68. Domain name concerned
<data name="price">VALUE</data>	The price shows only for EU trade
<data name="status">VALUE</data>	Length1-15.The status of operation (For EU, it returns pending trade. No data returned for other extensions
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<checksum>CHKSUM</checksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.1.5.2. Command Description

Change registrant name and/or Organization Information.

7.2.1.5.3. Demo Guide

Please login http://218.5.81.149/athens_oversea/ and click ContactManage->ChangeRegistrant

7.2.1.5.4. Constraints

For Eu trade, the domain name is required to be renewed for 1 year. The trade includes the modification of registrant/organization information and registrant email address.

7.2.1.5.5. Notes

- a. As for .CN, this operation is referred to changing organization info in registrant field.
- b. As for .EU trade, it includes the modification of registrant/organization information and registrant email address.
- c. For other extensions apart from .CN/.EU, this operation is referred to the modification of registrant name.

7.2.1.5.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
  <category>domain</category>
  <action>ChangeRegistrant</action>
  <params>
    <param name="domaintype">0</param>
    <param name="domain">menmen3.com</param>
    <param name="name">Leon</param>
  </params>
  <cltrid>150132A1239072576B873</cltrid>
  <chksum>399b636783bee28bc3a49fc5785d6d20</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
  <category>domain</category>
  <action>ChangeRegistrant</action>
  <code>1000</code>
  <msg>Command complateted successfully</msg>
  <value>L270:no value</value>
  <resData>
    <data name="domain">menmen3.com</data>
  </resData>
  <cltrid>150132A1239072576B873</cltrid>
  <svtrid>150132A1239072576B873-API-SRV</svtrid>
  <chksum>b93956c1058e65f589022d7c6f24a081</chksum>
</response>
```

7.2.1.6. Query Eu Trade

7.2.1.6.1. Definition

Label	Definition
Command :	

<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : QueryEuTrade
<params>	
<param name='domain'>VALUE</param>	Length1-68. Domain name you conduct trade operation.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(password)+cltrid+"queryeu trade"+ domain)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : QueryEuTrade
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	
<data name='domain'>VALUE</data>	Domain in trade.
<data name="status">VALUE</data>	Length1-30. The value returned of trade status is listed as below, PendingTrade, TradeSuccessfully, TradeFailed.
<data name="exDate">VALUE</data>	Length 1-10, this value shows the expiration date after successful trade. The format of date is YYYY-MM-DD
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.1.6.2. Command Description

Query the result of .EU trade.

7.2.1.6.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click ContactManage->QueryEuTrade

7.2.1.6.4. Constraints

a. This query is only for result query of .EU trade.

b. The trade will incur an ownership transfer fee which is equivalent to the registration fee and the domain name will be extended for 1 year. The new registrant must be eligible for .EU registration.

7.2.1.6.5. Notes

None

7.2.1.6.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
  <category>domain</category>
  <action>QueryEuTrade</action>
  <params>
    <param name="domain">adfsadsafads.eu</param>
  </params>
  <cltrid>150132A1239162947B906</cltrid>
  <chksum>79502da35a164bc2cb69c3bdc1541fce</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
  <category>domain</category>
  <action>QueryEuTrade</action>
  <code>1000</code>
  <msg>Command complateted successfully</msg>
  <value>L117:no value</value>
  <resData>
    <data name="domain">adfsadsafads.eu</data>
    <data name="status">PendingTrade</data>
  </resData>
  <cltrid>150132A1239162947B906</cltrid>
```



```

<svtrid>150132A1239162947B906-API-SRV</svtrid>
<chksum>661d1944b3b585b2602522a805de21e6</chksum>
</response>

```

7.2.2. Domain Name Operations

7.2.2.1. Supported Domains Extensions

Table-2-2		
Domains extensions	Type	Explanation
com/net	0	.Com/.Net
org	807	Org
cn	220	Please refer to .CN Domain Type in Appendix.
biz	800	.Biz
info	805	.Info
us	806	.US
In	808	Please refer to .IN Domain Type in Appendix.
mobi	903	MOBI
eu	902	EU
asia	905	ASIA
me	906	ME
name	804	NAME (2 ND and 3 rd Level) For example, smith.name is a second level and john.smith.name a third level .Name domain name.
Note: Please refer to Domain Name Format in Appendix		

7.2.2.2. Checking Availability

7.2.2.2.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : CheckDomain
<params>	
<param name="domaintype">VALUE</param>	Domain Type ID, please refer to Supported Domains Extensions table (Table-2-2) .
<param name='domain'>VALUE</param>	Domain Name. Please refer to Domain Name Format in Appendix and be noted that

	use Puny code for IDN.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM= md5(clid+md5(password)+cltrid+"checkdomain"+ domaintype + domain)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : CheckDomain
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.2.2.2. Command Description

Check whether the domain name is available for registration or not.

7.2.2.2.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click DomainManage->CheckDomain

7.2.2.2.4. Constraints

None

7.2.2.2.5. Notes

None

7.2.2.2.6. Example

```
<?xml version="1.0"?>
<request>
  <category> domain </category>
  <action> CheckDomain </action>
  <params>
    <param name="domaintype">805</param>
    <param name="domain">akdkls5.info</param>
  </params>
  <cltrid>EppLogin150132-0000-1239153816</cltrid>
  <chksum>292abbbe828d3baf5efe9dd6b3a7598d</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
  <category>domain</category>
  <action>CheckDomain</action>
  <code>1000</code>
  <msg>Command completeted successfully</msg>
  <value>L130:no value</value>
  <resData>
    <data name="domain">akdkls5.info</data>
    <data name="avail">0</data>
  </resData>
  <cltrid>EppLogin150132-0000-1239153816</cltrid>
  <svtrid>EppLogin150132-0000-1239153816-API-SRV</svtrid>
  <chksum>5856ffcd121ad3adf8bfff21e45a2d1b</chksum>
</response>
```

7.2.2.3. Get Domain Info

7.2.2.3.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	

<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : InfoDomain
<params>	
<param name="domaintype">VALUE</param>	Domain Type. Please refer to Supported Domains Extensions table (Table-2-2) .
<param name='domain'>VALUE</param>	The domain name you want to fetch info and use Puny code for IDN. Please refer to Domain Name Format in Appendix.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM= md5(clid+md5(password)+cltrid+"infodomain "+ domaintype + domain)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : InfoDomain
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data Returned.
<data name='domain'>VALUE</data>	Length1-68. Domain name
<data name="crDate">VALUE</data>	Length1-10. The date when domain was registered, The format of date is YYYY-MM-DD
<data name="exDate">VALUE</data>	Length1-10. The expiration date of domain name. The format of date is YYYY-MM-DD
<data name="password">VALUE</data>	Length6-32. Domain password
<data name="dns">VALUE</data>	Length1-120. It shows thirteen DNSes at most at a time.
Contacts info (Registrant contact info begins with r_, administrator contact info begins with a_, technical contact info beings with t_, billing contact info begins with b_)	
<data name="r_name">VALUE</data>	Length1-60. Registrant name of registrant
<data name="r_org">VALUE</data>	Length 1-60. Organization information of registrant
<data name="r_country">VALUE</data>	Length 1-2. Country Code of registrant

<data name="r_province">VALUE</data>	Length 1-60. Province of registrant
<data name="r_city">VALUE</data>	Length 1-60. City of registrant
<data name="r_street">VALUE</data>	Length 1-60. Address of registrant
<data name="r_postalcode">VALUE</data>	Length 1-10. Postcode
<data name="r_voice">VALUE</data>	Length 1-17. Telephone number
<data name="r_fax">VALUE</data>	Length 1-17. Fax number
<data name="r_email">VALUE</data>	Length 1-60. Email address
<data name="r_password">VALUE</data>	Length 6-10. Contact's password
.....	
Other Special data	
<data name="ced">VALUE</data>	Length1-17. CED Contact id for ASIA
Other parameters (please refer to Create Contacts)	
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.2.3.2. Command Description

Get domain whois information

7.2.2.3.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click DomainManage>InfoDomain

7.2.2.3.4. Constraints

None

7.2.2.3.5. Notes

None

7.2.2.3.6. Example

```
<?xml version="1.0"?>
<request>
```

```
<category> domain </category>
<action> InfoDomain </action>
<params>
  <param name="domaintype">220</param>
  <param name="domain">abcasda.cn</param>
</params>
<cltrid>EppLogin150132-0000-1239154728</cltrid>
<chksum>ced2f5c21deb6d811c3eb78104420a51</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
  <category>domain</category>
  <action>InfoDomain</action>
  <code>1000</code>
  <msg>Command completeted successfully</msg>
  <value>L125:no value</value>
  <resData>
    <data name="crDate">2004-12-17</data>
    <data name="exDate">2009-01-02</data>
    <data name="password">7fe11fd9d97ee40bdf57e561427c0a6</data>
    <data name="dns">dns1.onlinenic.net</data>
    <data name="dns">dns2.onlinenic.net</data>
    <data name="r_name">123456</data>
    <data name="r_org">123456</data>
    <data name="r_country">BJ</data>
    <data name="r_province">mokcup</data>
    <data name="r_city">123456</data>
    <data name="r_street">123456</data>
    <data name="r_postalcode">123456</data>
    <data name="r_voice">+86.5925391800</data>
    <data name="r_fax">+86.5925391800</data>
    <data name="r_email">asdfasdf@sadf.com</data>
    <data name="r_password">123456</data>
    <data name="a_name">123456</data>
    <data name="a_org">123456</data>
    <data name="a_country">BJ</data>
    <data name="a_province">Beijing</data>
    <data name="a_city">123456</data>
    <data name="a_street">123456</data>
    <data name="a_postalcode">123456</data>
    <data name="a_voice">+86.5925391800</data>
    <data name="a_fax">+86.5925391800</data>
```

```

<data name="a_email">asdfasdf@sadf.com</data>
<data name="a_password">123456</data>
<data name="t_name">123456</data>
<data name="t_org">123456</data>
<data name="t_country">BJ</data>
<data name="t_province">Beijing</data>
<data name="t_city">123456</data>
<data name="t_street">123456</data>
<data name="t_postalcode">123456</data>
<data name="t_voice">+86.5925391800</data>
<data name="t_fax">+86.5925391800</data>
<data name="t_email">asdfasdf@sadf.com</data>
<data name="t_password">123456</data>
<data name="b_name">123456</data>
<data name="b_org">123456</data>
<data name="b_country">CN</data>
<data name="b_province">JL</data>
<data name="b_city">WJ</data>
<data name="b_street">WANG HAI LU</data>
<data name="b_postalcode">361008</data>
<data name="b_voice">+810.2345431</data>
<data name="b_fax">+810.2341234</data>
<data name="b_email">HK@253.cn</data>
<data name="b_password">Bb123456</data>
</resData>
<cltrid>EppLogin150132-0000-1239154728</cltrid>
<svtrid>EppLogin150132-0000-1239154728-API-SRV</svtrid>
<chksum>5dec02661c188d69ff52148d5dace144</chksum>
</response>

```

7.2.2.4. Register Domain

7.2.2.4.1. Definition

Label	Definition
Command :	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : CreateDomain
<params>	
<param name="domaintype">VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions table (Table-2-2) .
<param name="mltype">VALUE</param>	The type value for Internationalized domain

	name. Please refer to Domain Name Type Table in Appendix. Leave it empty or null for non-IDN
<param name='domain'>VALUE</param>	Length1-68, The domain name you want to register and use Puny code for IDN.
<param name="period">VALUE</param>	The duration period (years) you want to apply for registration and the value is limited between 1-10
<param name="dns">VALUE</param>	Length1-120. The first DNS
<param name="dns">VALUE</param>	Length1-120. The second DNS
<param name="registrant">VALUE</param>	Length1-16. Registrant contact ID
<param name="admin">VALUE</param>	Length1-16. Administrator contact ID Leave this field empty for EU registration.
<param name="tech">VALUE</param>	Length1-16. Technician contact ID Leave this field empty for EU registration.
<param name="billing">VALUE</param>	Length1-16. Billing contact ID Leave this field empty for EU registration.
<param name="ced">VALUE</param>	Length1-16. .ASIA registration needed. One of CED contactor info. Please refer to CreateContact Command .
<param name="password">VALUE</param>	Length6-16. Domain password.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	<p>For .EU, CHKSUM =md5(clid+md5(password)+cltrid+"createdomain"+domaintype+domain+period+dns1+dns2+registrant+password);</p> <p>For .ASIA, CHKSUM = md5(clid+md5(password)+cltrid+"createdomain"+domaintype+domain+period+dns1+dns2+registrant+admin+tech+billing+ced+password);</p> <p>For other extensions, CHKSUM =md5(clid+md5(password)+cltrid+"createdomain"+domaintype+domain+period+dns1+dns2+registrant+admin+tech+billing+password);</p>
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : CreateDomain
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in

	appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data returned.
<data name='domain'>VALUE</data>	length1-68, Domain registered
<data name="crDate">VALUE</data>	Length1-10 , this value shows the registration date of domain. The format of date is yyyy-mm-dd.
<data name="exDate">VALUE</data>	Length1-10, this value shows the expiration date of domain. The format of date is yyyy-mm-dd.
</resData>	
<svtrid>SVTRID</svtrid>	Order Number.
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value
</response>	

7.2.2.4.2. Command Description

Register domain

7.2.2.4.3. Demo Guide

Please login https://218.5.81.149/athens_oversea/ and click DomainManage -> CreateDomain

7.2.2.4.4. Constraints

- .GOV.CN is unavailable for registration.
- EU only requires registrant contact ID, and.ASIA needs CED contact ID.
- The initiation registration of EU is only one year allowed and of CN is between one and five years.

7.2.2.4.5. Notes

You need to first set up login session before conducting this command.

7.2.2.4.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
  <category>domain</category>
```

```

<action>CreateDomain</action>
<params>
  <param name="domaintype">0</param>
  <param name="mltype">0</param>
  <param name="domain">oln7906076test.com</param>
  <param name="period">2</param>
  <param name="dns">ns1.dns-diy.com</param>
  <param name="dns">ns2.dns-diy.com</param>
  <param name="registrant">oln7906076</param>
  <param name="tech">oln7906076</param>
  <param name="billing">oln7906076</param>
  <param name="admin">oln7906076</param>
  <param name="password">testaa</param>
</params>
<cltrid>150132A1239070684B270</cltrid>
<chksum>24de3bbb4adf06f836e258d8482d26c0</chksum>
</request>

```

Returned parameters and values

```

<?xml version="1.0"?>
<response>
  <category>domain</category>
  <action>CreateDomain</action>
  <code>1000</code>
  <msg>Command completed successfully</msg>
  <value>L408:no value</value>
  <resData>
    <data name="domain">oln7906076test.com</data>
    <data name="reg_date">2009-04-06</data>
    <data name="exp_date">2011-04-06</data>
  </resData>
  <cltrid>150132A1239070684B270</cltrid>
  <svtrid>150132A1239070684B270-API-SRV</svtrid>
  <chksum>8df42b0fc28176bf489258a6032ce57a</chksum>
</response>

```

7.2.2.5. Renew Domain

7.2.2.5.1. Definition

Label	Definition
Command :	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : RenewDomain
<params>	
<param name="domaintype">VALUE</param>	Domain Type
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to renew and use PUNY-encoded names for IDN. Please refer to Domain Name Format in Appendix.

<param name="period">VALUE</param>	the renewal term, for .CN, the value is limited between 1-4, For other extensions, the value is limited between 1-9.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(password)+cltrid+"renewdomain"+ domaintype + domain + period)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : RenewDomain.
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data Returned.
<data name='domain'>VALUE</data>	Length1-68. Domain name
<data name="exDate">VALUE</data>	Length1-10. Expiration date The format of date is YYYY-MM-DD.
</resData>	
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.2.5.2. Command Description

Renew the domain in your account. And the total duration years must qualify the criteria as noted in table above.

7.2.2.5.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click DomainManage->RenewDomain

Note, Type, name, and period stand for the domain type, domain name you want to renew and the years you want to extend domain name respectively.

7.2.2.5.4. Constraints

- Please use Puny Code for IDN domains
- For .CC, conduct renewal process once within 1 day.
- A domain is only allowed to be renewed once within 5 minutes, otherwise an error will occur.

7.2.2.5.5. Notes

None

7.2.2.5.6. Example

```
<?xml version="1.0"?>
<request>
  <category> domain </category>
  <action>RenewDomain</action>
  <params>
    <param name="domaintype">906</param>
    <param name="domain">2423428eqwrqwer.me</param>
    <param name="period">1</param>
  </params>
  <cltrid>EppLogin150132-0000-1239086954</cltrid>
  <chksum>0e745750e142e57d77ee13f7babcef72</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
  <category>domain</category>
  <action>RenewDomain</action>
  <code>1000</code>
  <msg>Command complateted successfully</msg>
  <value>L476:null</value>
  <resData>
    <data name="domain">2423428eqwrqwer.me</data>
    <data name="exDate">2018-03-29</data>
  </resData>
  <cltrid>EppLogin150132-0000-1239086954</cltrid>
  <svtrid>EppLogin150132-0000-1239086954-API-SRV</svtrid>
  <chksum>1833d9d09396e3f4ea495d40a04c190c</chksum>
</response>
```

7.2.2.6. Delete Domain

7.2.2.6.1. Definition

Label	Definition
Command :	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : DeleteDomain
<params>	
<param name="domaintype">VALUE</param>	Domain Type. Please refer to Supported Domains Extensions table (Table-2-2)
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to delete and use PUNY-encoded names for IDN.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(password)+cltrid+"deldomain"+ domaintype + domain)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : DeleteDomain
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.2.6.2. Command Description

Delete Domain.

7.2.2.6.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click DomainManage-> DeleteDomain

7.2.2.6.4. Constraints

- .EU can't be deleted.
- If the domain name has been renewed after registration, it can't be deleted.
- Besides hold, if the domain name is tagged with delete locked status, it can't be deleted.
- After deletion, the registration fee and ID shield fee will be refunded. Please be noted for .CN ,the deletion processing fee is 1\$. for other extensions, the deletion is for free.
- For .CN
 - The domain can't be deleted if it was registered and then renewed after registration. In other words, the new registered domain without renewal can be deleted within 72 hours after registration date.
- COM/NET/ORG/ASIA/MOBI/INFO/US/NAME/biz/in, the following rules apply,
 - The domain can't be deleted if it was registered and then renewed after registration. In other words, the new registered domain without renewal can be deleted within 72 hours after registration date.
 - The number of available deleted domains relates with the number of domain registration this month. The number of available deleted domains only can accounts for 6% of total number of domain registration this month. For example, the number of domain registration is X and the number of domain deletion is Y, which must meet the condition $Y \leq (X-Y) * 6\%$. That is to say, you can delete 1 .biz domain, if you register 18 .biz domains this month; you can delete 2 .biz domains if you register 36 .biz domains and so forth.
- For .ME
 - The domain can't be deleted if it was registered and then renewed after registration. The new registered domain without renewal can be deleted within 24 hours after registration date.
 - The number of available deleted domains relates with the number of domain registration this month. The number of available deleted domains only can accounts for 6% of total number of domain registration this month. For example, the number of domain registration is X and the number of domain deletion is Y, which must meet the condition $Y \leq (X-Y) * 6\%$.

7.2.2.6.5. Notes

None

7.2.2.6.6. Example

```
<?xml version="1.0"?>
<request>
  <category> domain </category>
  <action>DeleteDomain</action>
  <params>
    <param name="domaintype">0</param>
    <param name="domain">athenstest.net</param>
  </params>
  <cltrid>EppLogin150132-0000-1236562011</cltrid>
  <chksum>229998329c0f36dd45e7be6529d2aa28</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
  <category>domain</category>
  <action>DeleteDomain</action>
  <code>1000</code>
  <msg>Command completed successfully</msg>
  <value>Command completed successfully</value>
  <resData> </resData>
  <cltrid>EppLogin150132-0000-1236562206</cltrid>
  <svtrid>EppLogin150132-0000-1236562206-API-SRV</svtrid>
  <chksum>ae63761f541114a94077aaf060207d0c</chksum>
</response>
```

7.2.2.7. Update Domain Status

7.2.2.7.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : UpdateDomainStatus
<params>	
<param name="domaintype">VALUE</param>	Domain Type, please refer to domain type table (Table-2-2)
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to update status and use PUNY-encoded names for IDN. Please refer to Domain Name Format in Appendix.
<param name="addstatus">VALUE</param>	Length1-30. Add status to domain (optional) .

	ClientTransferProhibited means domain is prohibited from being transferred.
<param name="remstatus">VALUE</param>	Length1-30, remove status from domain
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	md5(clid+md5(password)+cltrid+"updatedomainstatus"+ domaintype + domain)
</request>	
Returned parameters and values :	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : UpdateDomainStatus
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.2.7.2. Command Description

Add/remove the status of clientTransferProhibited to/from the domain name.

7.2.2.7.3 Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click DomainManage>UpdateDomainStatus

7.2.2.7.3. Constraints

Supported Extensions are as below,

Com / Net/ Org/ Name/ Cn/ Asia/ Biz/ Us/ Info/ In/ Me/ Mobi

7.2.2.7.4. Notes

None

7.2.2.7.5. Example

```
<?xml version="1.0"?>
<request>
  <category> domain </category>
  <action>UpdateDomainStatus</action>
  <params>
    <param name="domaintype">805</param>
    <param name="domain">akdkls5.info</param>
    <param name="addstatus">clientTransferProhibited</param>
  </params>
  <cltrid>EppLogin150132-0000-1239155001</cltrid>
  <chksum>4f7605138e5062eb572480d9447cddb0</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
  <category>domain</category>
  <action>UpdateDomainStatus</action>
  <code>1000</code>
  <msg>Command complateted successfully</msg>
  <value>L255:no value</value>
  <cltrid>EppLogin150132-0000-1239155001</cltrid>
  <svtrid>EppLogin150132-0000-1239155001-API-SRV</svtrid>
  <chksum>ac6ee97f7ea61202e6f9dd0f02963923</chksum>
</response>
```

7.2.2.8. Value-Added services

7.2.2.8.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'

<action>ACTION</action>	ACTION : UpdateDomainExtra
<params>	
<param name="domaintype">VALUE</param>	Domain Type, please refer to domain type table. Please refer to Supported Domains Extensions table (Table-2-2) .
<param name='domain'>VALUE</param>	Length1-68, The domain name you want to add/remove VAS and use PUNY-encoded names for IDN.
<param name="addextra">VALUE</param>	Length1-30, add value-added service to domain (optional) . Note : currently, it is only for clientAutoRenw.
<param name="remextra">VALUE</param>	Length1-30, remove value-added service to domain (optional) . Note: currently, it is only for clientAutoRenw.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM md5(clid+md5(password)+cltrid+"updatedomainextra"+ domaintype + domain)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : UpdateDomainExtra.
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.2.8.2. Command Description

Add/remove the value-added service to/from a domain name.

7.2.2.8.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click DomainManage>UpdateDomainExtra

7.2.2.8.4. Constraints

Autorenewal feature is available for following extensions,
Com/Net/Org/Cn/Biz/Us/Info

7.2.2.8.5. Notes

This command only supports autorenewal feature at present.

7.2.2.8.6. Example

```
<?xml version="1.0"?>
<request>
<category>domain</category>
  <action>UpdateDomainExtra</action>
  <params>
    <param name="domaintype">0</param>
    <param name="domain">1981198135.com</param>
    <param name="addextra">clientAutoRenew</param>
  </params>
  <cltrid>150132A1239155645B829</cltrid>
  <chksum>b14491cef3808b6b6507f80348f7f13e</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
  <category>domain</category>
  <action>UpdateDomainExtra</action>
  <code>1000</code>
  <msg>Command complateted successfully</msg>
  <value>L200:no value</value>
  <resData>
  </resData>
  <cltrid>150132A1239155645B829</cltrid>
  <svtrid>150132A1239155645B829-API-SRV</svtrid>
  <chksum>00a06e319910239d4b7d486e44e3c1e6</chksum>
</response>
```

7.2.2.9. Update Domain NameServers

7.2.2.9.1. Definition

Label	Defintion
Command :	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : UpdateDomainDns
<params>	
<param name="domaintype">VALUE</param>	Domain Type. Please refer to Supported Domains Extensions table (Table-2-2) .
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to update DNS and use PUNY-encoded names for IDN.
<param name="nameserver">VALUE</param>	Length1-120. Modify the DNS of domain. The number of DNS must be between 2 and six. Note, only 2 DNSes could be attached to .EU domain name.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM= md5(clid+md5(password)+cltrid+"updatedomaindns"+ domaintype + domain)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : UpdateDomainDns.
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)

</response>	
-------------	--

7.2.2.9.2. Command Description

Modify the DNS of domain.

7.2.2.9.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click DomainManage->UpdateDomainDns

7.2.2.9.4. Constraints

None

7.2.2.9.5. Notes

None

7.2.2.9.6. Example

```
<?xml version="1.0"?>
<request>
  <category> domain </category>
  <action> UpdateDomainDns </action>
  <params>
    <param name="domaintype">807</param>
    <param name="domain">asdf231.org</param>
    <param name="nameserver">ns1.dns-diy.com</param>
    <param name="nameserver">ns4.dns-diy.com</param>
  </params>
  <cltrid>EppLogin150132-0000-1239155979</cltrid>
  <chksum>eb9754c18f1029cd769ac1629e138cd4</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
  <category>domain</category>
  <action>UpdateDomainDns</action>
  <code>1000</code>
```

```

<msg>Command completed successfully</msg>
<value>L356:no value</value>
<resData>
</resData>
<cltrid>EppLogin150132-0000-1239155979</cltrid>
<svtrid>EppLogin150132-0000-1239155979-API-SRV</svtrid>
<chksum>d59c6d2386b3fa81a497e1608de83590</chksum>
</response>

```

7.2.2.10. Change Domain Password

7.2.2.10.1. Definition

Label	Defintion
Command :	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : UpdateDomainPwd
<params>	
<param name="domaintype">VALUE</param>	Domain Type, please refer to Supported Domains Extensions table (Table-2-2) .
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to change auth code and use PUNY-encoded names for IDN. Please refer to Domain Name Format in Appendix.
<param name="password">VALUE</param>	Length6-16. The new domain password.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(password)+cltrid+"updatedomainpwd"+ domaintype + domain + password)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : UpdateDomainPwd.
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.

<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.2.10.2. Command Description

Change domain password.

7.2.2.10.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click DomainManage->UpdateDomainPwd.

7.2.2.10.4. Constraints

Here password means administrative pw, differs from auth info/code.

7.2.2.10.5. Notes

None

7.2.2.10.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
  <category>domain</category>
  <action>UpdateDomainPwd</action>
  <params>
    <param name="domaintype">805</param>
    <param name="domain">zxcvzxcvc.info</param>
    <param name="password">fsdhsdfh</param>
  </params>
  <cltrid>150132A1239159696B510</cltrid>
  <chksum>20750aeec40c907912189ceff5ed6985</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
  <category>domain</category>
```

```

<action>UpdateDomainPwd</action>
<code>1000</code>
<msg>Command complateted successfully</msg>
<value>L131:no value</value>
<resData>
  <data name="domain">zxcvzxcvc.info</data>
</resData>
<cltrid>150132A1239159696B510</cltrid>
<svtrid>150132A1239159696B510-API-SRV</svtrid>
<chksum>2d86a6d226def4e14149d4e0b31d5096</chksum>
</response>

```

7.2.2.11. Get Info of Domain VAS(value added service)

7.2.2.11.1. Definition

Label	Definition
Command :	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : InfoDomainExtra
<params>	
<param name="domaintype">VALUE</param>	Domain Type, please refer to Supported Domains Extensions table (Table-2-2) .
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to change password and use PUNY-encoded names for IDN. Please refer to Domain Name Format in Appendix.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(password)+cltrid+"infodomai nextra"+ domaintype + domain)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : InfoDomainExtra.
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in

	appendix.
<resData>	Data Returned.
<data name='domain'>VALUE</data>	Length1-68. The registered domain.
<data name="extra">VALUE</data>	Length1-30. Valued-added service info. clientAutoRenew – domain auto-renewal service clientIdShield – domain ID shield service ok – none value-added service
<data name="status">VALUE</data>	Length1-30. Get the current locked status of domain name.
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.2.11.2. Command Description

Get the information of valued-added service of a domain

7.2.2.11.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click DomainManage->InfoDomainExtra

7.2.2.11.4. Constraints

None

7.2.2.11.5. Notes

None

7.2.2.11.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
  <category>domain</category>
  <action>InfoDomainExtra</action>
  <params>
    <param name="domain">zxcvzxcvc.info</param>
```

```

    <param name="domaintype">805</param>
  </params>
  <cltrid>150132A1239155673B7</cltrid>
  <chksum>bb3dce42c916b49c8012d89074087f66</chksum>
</request>

```

Returned parameters and values

```

<?xml version="1.0"?>
<response>
  <category>domain</category>
  <action>InfoDomainExtra</action>
  <code>1000</code>
  <msg>Command complateted successfully</msg>
  <value>L149:not value</value>
  <resData>
    <data name="status">ok</data>
  </resData>
  <cltrid>150132A1239155673B7</cltrid>
  <svtrid>150132A1239155673B7-API-SRV</svtrid>
  <chksum>2d6efcd2e34d490a3dbe913a9c8faff3</chksum>
</response>

```

7.2.2.12. Get Auth Code

7.2.2.12.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : GetAuthcode
<params>	
<param name="domaintype">VALUE</param>	Domain Type. Please refer to domain type table.
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to get auth code and use Puny code for IDN.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(password)+cltrid+"getauthcode"+ domaintype + domain)
</request>	

Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : GetAuthcode
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data Returned.
<data name='domain'>VALUE</data>	Length1-68. Domain name.
<data name="password">VALUE</data>	Length6-16. Domain Auth Code.
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.2.12.2. Command Description

Get the Auth Code for domains transfer purpose.

7.2.2.12.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click DomainManage->GetAuthcode

7.2.2.12.4. Constraints

None

7.2.2.12.5. Notes

None

7.2.2.12.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
```

```

<request>
  <category>domain</category>
  <action>GetAuthcode</action>
  <params>
    <param name="domain">zxcvzxcvc.info</param>
    <param name="domaintype">805</param>
  </params>
  <cltrid>150132A1239155781B506</cltrid>
  <chksum>7f22bf13e50f6427fa9a6ac197e12c85</chksum>
</request>

```

Returned parameters and values

```

<?xml version="1.0"?>
<response>
  <category>domain</category>
  <action>GetAuthcode</action>
  <code>1000</code>
  <msg>Command complateted successfully</msg>
  <value>L133:no value</value>
  <resData>
    <data name="domain">zxcvzxcvc.info</data>
    <data name="password">zxcvzxcvc</data>
  </resData>
  <cltrid>150132A1239155781B506</cltrid>
  <svtrid>150132A1239155781B506-API-SRV</svtrid>
  <chksum>357c9f9eea2a9ca7d48d28fbd3bd7cc8</chksum>
</response>

```

7.2.3. Manage NameServers

7.2.3.1. Supported Domains Extensions

Table-2-3		
Domains Extension	Type	Explanation
com/net	0	.COM/NET
org	807	.ORG
cn	220	.CN
biz	800	.BIZ
info	805	.INFO
us	806	.US
in	808	.IN

mobi	903	.MOBI
asia	905	.ASIA
me	906	.ME

7.2.3.2. Check Host

7.2.3.2.1. Definition

Label	Definition
Command :	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : CheckHost
<params>	
<param name="domaintype">VALUE</param>	Domain Type value. Please refer to Supported Domains Extensions table Table-2-3 . For example : domaintype=800 is for .BIZ extension.
<param name="hostname">VALUE</param>	Hostname : DNS name
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(password)+cltrid+"checkhost "+ domaintype + hostname)
</request>	
Returned parameters and values :	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : CheckHost
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data returned.
<data name="hostname">VALUE</data>	Hostname : the DNS submitted
<data name="avail">VALUE</data>	Avail : tag of DNS availability VALUE : "0" means it has been registered ; "1" means it is available
</resData>	

<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.3.2.2. Command Description

Check the DNS whether it has been registered or not

7.2.3.2.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click DnsManage>CheckHost

7.2.3.2.4. Constraints

None

7.2.3.2.5. Notes

None

7.2.3.2.6. Example

```
<?xml version="1.0"?>
<request>
  <category>domain</category>
  <action> CheckHost </action>
  <params>
    <param name="domaintype">220</param>
    <param name="hostname">ns1.aaa.cn</param>
  </params>
  <cltrid>Helloeveryone-7691223324696</cltrid>
  <chksum>83419dd95bf67eefb513dbfe26c85268</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
  <category> domain </category>
```

```

<action> CheckHost </action>
<code>1000</code>
<msg> Command completed successfully</msg>
<value>no value</value>
<resData>
  <data name="hostname">ns1.aaa.cn</data>
  <data name="avail">0</data>
</resData>
<cltrid> Helloeveryone-7691223324696</cltrid>
<svtrid> Helloeveryone-7691223324696-OLNIC-SRV</svtrid>
<chksum> 7f58cd1a8ce63e0e939fc3b53b364968</chksum>
</response>

```

7.2.3.3. Get NameServers Information

7.2.3.3.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : InfoHost
<params>	
<param name="domaintype">VALUE</param>	Domain Type value. Please refer to Supported Domains Extensions Table Table-2-3 . For example : domaintype=800 is for .BIZ extension.
<param name="hostname">VALUE</param>	Length1-120, DNS name
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(password)+cltrid+"infohost"+ domaintype + hostname)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : InfoHost

<code><code>CODE</code></code>	Please refer to Codes Explanation in appendix.
<code><msg>MSG</msg></code>	Please refer to Codes Explanation in appendix.
<code><value>VALUE</value></code>	Please refer to Codes Explanation in appendix.
<code><resData></code>	Data Returned.
<code><data name="hostname">VALUE</data></code>	Length1-120. DNS submitted.
<code><data name="addr">VALUE</data></code>	Length1-15. The IP address of DNS (IPV4).
<code><data name="addr">VALUE</data></code>	Length1-15. This value shows the IP address of DNS only if there is extra IP. Maximum is thirteen.
<code></resData></code>	
<code><svtrid>SVTRID</svtrid></code>	Order number which is generated by Server.
<code><chksum>CHKSUM</chksum></code>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
<code></response></code>	

7.2.3.3.2. Command Description

Get the information of DNS

7.2.3.3.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click DnsManage->InfoHost

7.2.3.3.4. Constraints

The main domain of DNS must be in your account

7.2.3.3.5. Notes

None

7.2.3.3.6. Example

```
<?xml version="1.0"?>
<request>
  <category>domain</category>
```



```

<action> InfoHost </action>
<params>
  <param name="domaintype">220</param>
  <param name="hostname">ns1.aaa.cn</param>
</params>
<cltrid>Helloeveryone-7691223324696</cltrid>
<chksum>83419dd95bf67eefb513dbfe26c85268</chksum>
</request>

```

Returned parameters and values

```

<?xml version="1.0"?>
<response>
  <category> domain </category>
  <action> InfoHost </action>
  <code>1000</code>
  <msg> Command completeted successfully </msg>
<value>no value</value>
  <resData>
    <data name="hostname"> ns1.aaa.cn </data>
    <data name="addr">222.32.25.12</data>
    <data name="addr">222.32.25.13</data>
  </resData>
  <cltrid> Helloeveryone-7691223324696</cltrid>
  <svtrid> Helloeveryone-7691223324696-OLNIC-SRV </svtrid>
  <chksum>7f58cd1a8ce63e0e939fc3b53b364968</chksum>
</response>

```

7.2.3.4. Create NameServers

7.2.3.4.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : CreateHost
<params>	
<param name="domaintype">VALUE</param>	Domain Type value. Please refer to Supported Domains Extensions forms Table-2-3 . For example : domaintype=800 is for .BIZ extension.

<param name="hostname">VALUE</param>	Length1-120. DNS name
<param name="addr">VALUE</param>	Length1-15. addr : the IPV4 IP address of DNS. When the extension of main domain name of DNS is different from the domain type, the value of addr could be null. For example, you want to register hostname="ns1.aaa.com" in .BIZ registry, you may leave value of addr null. But if you want to create DNS hostname=ns1.aaa.biz in .BIZ registry, you need to input IP address of addr.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(password)+cltrid+"createhost"+ domaintype + hostname + addr (if exists))
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : CreateHost
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.3.4.2. Command Description

Create DNS

7.2.3.4.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click DnsManage->CreateHost

Note, please choose the exact registry and input the correct info of DNS and IP.

7.2.3.4.4. Constraints

The main domain of DNS must be in your account.

7.2.3.4.5. Notes

None

7.2.3.4.6. Example

1. Register DNS into registry :

```
<?xml version="1.0"?>
<request>
  <category> domain </category>
  <action> CreateHost </action>
  <params>
    <param name="domaintype">800</param>
    <param name="hostname">ns1.aaa.biz</param>
    <param name="addr">222.35.43.13</param>
  </params>
  <cltrid>Helloeveryone-7671223324694</cltrid>
  <chksum>e0c3c6bd1355e4ffcda2f87561bdd4b3</chksum>
</request>
```

2. Create DNS :

```
<?xml version="1.0"?>
<request>
  <category> domain </category>
  <action> CreateHost </action>
  <params>
    <param name="domaintype">800</param>
    <param name="hostname">ns1.aaa.com</param>
  </params>
  <cltrid>Helloeveryone-7671223324694</cltrid>
  <chksum>e0c3c6bd1355e4ffcda2f87561bdd4b3</chksum>
</request>
```

Returned parameters and values

```

<?xml version="1.0"?>
<response>
  <category> domain </category>
  <action> CreateHost </action>
  <code>1000</code>
  <msg>Command complateted successfully</msg>
  <value>no value</value>
  <cltrid> Helloeveryone-7671223324694</cltrid>
  <svtrid> Helloeveryone-7671223324694-OLNIC-SRV</svtrid>
  <chksum> d0ee7eeaa0fb477d7ed3ff70f19fd297</chksum>
</response>

```

7.2.3.5. Update NameServers

7.2.3.5.1. Definition

Label	Definition
Note first, at least one of addaddr and remaddr must be necessary	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : UpdateHost
<params>	
<param name="domaintype">VALUE</param>	Domain Type value. Please refer to Supported Domains Extensions forms Table-2-3 . For example, domaintype=800 is for .BIZ extension.
<param name="hostname">VALUE</param>	Length1-120. DNS name
<param name="addaddr">VALUE</param>	Length1-15. The new IP of DNS name at the IPV4 format.
<param name="remaddr">VALUE</param>	Length1-15. Remove the current IP of DNS name.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(password)+cltrid+"updatehost"+ domaintype + hostname + addaddr(if exists) + remaddr(if exists))
</request>	

Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : UpdateHost
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.3.5.2. Command Description

Update IP address of DNS

7.2.3.5.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click DnsManage->UpdateHost

7.2.3.5.4. Constraints

- a. The new IP address is required.
- b. The main domain of DNS must be in your account.

7.2.3.5.5. Notes

None

7.2.3.5.6. Example

```
<?xml version="1.0"?>
<request>
```

```

<category> domain </category>
<action> UpdateHost </action>
<params>
  <param name="domaintype">0</param>
  <param name="hostname">ns1.test.com</param>
<param name="addaddr">222.35.63.22</param>
<param name="remaddr">222.35.63.21</param>
</params>
<cltrid> Helloeveryone-7671223324694</cltrid>
<chksum> e0c3c6bd1355e4ffcda2f87561bdd4b3</chksum>
</request>

```

Returned parameters and values

```

<?xml version="1.0"?>
<response>
  <category> domain </category>
  <action> UpdateHost </action>
  <code>1000</code>
  <msg> Command completed successfully </msg>
<value>no value</value>
  <cltrid> Helloeveryone-7671223324694</cltrid>
  <svtrid> Helloeveryone-7671223324694-OLNIC-SRV </svtrid>
  <chksum> d0ee7eaa0fb477d7ed3ff70f19fd297</chksum>
</response>

```

7.2.3.6. Delete NameServers

7.2.3.6.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : DeleteHost
<params>	
<param name="domaintype">VALUE</param>	Domain Type value. Please refer to Supported Domains Extensions forms Table-2-3 . For example : domaintype=800 is for .BIZ extension.
<param name="hostname">VALUE</param>	Lenght1-120, hostname : DNS name
</params>	

<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(password)+cltrid+"deletehost"+ domaintype + hostname)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : DeleteHost
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.3.6.2. Command Description

Delete DNS

7.2.3.6.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click DnsManage->DeleteHost

7.2.3.6.4. Constraints

The main domain of DNS must be in your account.

7.2.3.6.5. Notes

None

7.2.3.6.6. Example

```
<?xml version="1.0"?>
<request>
  <category> domain </category>
  <action> DeleteHost </action>
  <params>
    <param name="domaintype">0</param>
    <param name="hostname">ns1.test.com</param>
  </params>
  <cltrid> Helloeveryone-7671223324694</cltrid>
  <chksum> e0c3c6bd1355e4ffcda2f87561bdd4b3</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
  <category> domain </category>
  <action> DeleteHost </action>
  <code>1000</code>
  <msg> Command completeted successfully </msg>
<value>no value</value>
  <cltrid> Helloeveryone-7671223324694</cltrid>
  <svtrid> Helloeveryone-7671223324694-OLNIC-SRV </svtrid>
  <chksum> d0ee7eeaa0fb477d7ed3ff70f19fd297</chksum>
</response>
```

7.2.4. Transfer Domain Name between Resellers

7.2.4.1. Supported Domains Extensions

Table-2-5		
Domains Extension	Type	Explanation
com/net	0	.Com/.Net of English Character Set and IDN.
org	807	ORG
cn	220	.CN. Please refer to CN table in Appendix.

biz	800	Biz of English Character Set AND IDN
info	805	Info
us	806	Us
in	808	IN (2 ND and 3 rd Level)
mobi	903	Mobi
eu	902	Eu
asia	905	Asia
me	906	Me
name	804	NAME (2 ND and 3 rd Level) For example, smith.name is a second level and john.smith.name a second level .Name domain name.

7.2.4.2. Query Inner-Reseller Transfer Status

7.2.4.2.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : QueryCustTransfer
<params>	
<param name="domaintype">VALUE</param>	Domain type. Please refer to Supported Domains Extensions table (Table-2-5) .
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to query its Inner-Reseller Transfer Status and use Puny-encoded name for IDN.
<param name="op">VALUE</param>	In – transfer in; check transfer-in record Out – transfer out; check transfer-out record
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	md5(clid+md5(password)+cltrid+"querycusttransfer "+ domaintype + domain + op)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : QueryCustTransfer
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.

<resData>	Data Returned.
<data name='domain'>VALUE</data>	Length1-68. Domain (mandatory)
<data name="status">VALUE</data>	(mandatory) transfer status are listed below, 1. clientApproved (successful) 2. expired (the request is expired as it was not responded within 5 days) 3. pending (Only if op=Out, the value returns)
<data name="inID">VALUE</data>	Optional when op=Out, it returns the gaining resellerID
<data name="outID">VALUE</data>	when op=Out, it returns the losing resellerID
<data name="reDate">VALUE</data>	(mandatory) The date when the transfer request was submitted. The format of date is YYYY-MM-DD.
<data name="acDate">VALUE</data>	(Optional) When date when the request was responded. The format of date is YYYY-MM-DD.
<data name="exDate">VALUE</data>	(Optional) The format of date is YYYY-MM-DD. It returns the expiration date of domain, only when the transfer is successful,
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.4.2.2. Command Description

Check the status of domain name transfer between accounts.

7.2.4.2.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click TransferCustID->QueryCustTransfer

7.2.4.2.4. Constraints

None

7.2.4.2.5. Notes

None

7.2.4.2.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
  <category>domain</category>
  <action>QueryCustTransfer</action>
  <params>
    <param name="domaintype">805</param>
    <param name="domain">zxcvzxcvc.info</param>
    <param name="op">out</param>
  </params>
  <cltrid>150132A1239169504B40</cltrid>
  <chksum>3157a05f616ba7bed253c09babec7d83</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
  <category>domain</category>
  <action>QueryCustTransfer</action>
  <code>1000</code>
  <msg>Command complateted successfully</msg>
  <value>L122:no value</value>
  <resData>
    <data name="domain">zxcvzxcvc.info</data>
    <data name="status">pending</data>
    <data name="inID">150132</data>
    <data name="reDate">2009-04-08</data>
    <data name="exDate">2009-07-07</data>
  </resData>
  <cltrid>150132A1239169504B40</cltrid>
  <svtrid>150132A1239169504B40-API-SRV</svtrid>
  <chksum>45e989ba511ae9e3e037f11117f391b3</chksum>
</response>
```

7.2.4.3. Initiate Inner-Reseller Transfer Request

7.2.4.3.1. Definition

Label	Request
Command :	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : RequestCustTransfer
<params>	
<param name="domaintype">VALUE</param>	Domain type. Please refer to Supported Domains Extensions table (Table-2-5) .
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to initiate Inner-Reseller Transfer and please use Puny code for IDN.
<param name="password">VALUE</param>	Length6-16. Domain Transfer Code
<param name="curlID">VALUE</param>	The losing reseller ID of domain.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(password)+cltrid+"requestcusttransfer "+ domaintype + domain + password + curlID)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : RequestCustTransfer.
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data Returned
<data name='domain'>VALUE</data>	Length1-68. Domain name.
<data name="status">VALUE</data>	Transfer status : clientApproved
<data name="outID">VALUE</data>	The losing account ID.
<data name="exDate">VALUE</data>	The expiration date of domain name. The format of date is YYYY-MM-DD.
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid

	+ svtrid + code + msg + value)
</response>	

7.2.4.3.2. Command Description

Initiate the transfer-in request by new reseller.

7.2.4.3.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click TransferCustID->RequestCustTransfer

7.2.4.3.4. Constraints

None

7.2.4.3.5. Notes

The domain will be by default renewed for 1 year by new reseller after successful transfer. \$1 processing fee is incurred if the domain name doesn't meet the renewal requirement after transfer.

7.2.4.3.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
  <category>domain</category>
  <action>RequestCustTransfer</action>
  <params>
    <param name="domaintype">805</param>
    <param name="domain">huangzhyinfo.info</param>
    <param name="password">123456</param>
    <param name="curlD">355422</param>
  </params>
  <cltrid>150132A1243908586B710</cltrid>
  <chksum>0cfaed9c9d38895d6bda06f04f361163</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
  <category>domain</category>
```

```

<action>RequestCustTransfer</action>
<msg>Command completed successfully</msg>
<value>L135:no value</value>
<resData>
  <data name="domain"> huangzhyinfo.info</data>
  <data name="status">clientApproved</data>
  <data name="inID">355422</data>
  <data name="exDate">2009-07-07</data>
</resData>
<cltrid>150132A1243908586B710</cltrid>
<svtrid>150132A1243908586B710-API-SRV</svtrid>
<chksum>655d0e441798a76f148c253420657ab7</chksum>
</response>

```

7.2.4.4. Setting by Losing Reseller

7.2.4.4.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : CustTransferSetPwd
<params>	
<param name="domaintype">VALUE</param>	Domain type. Please refer to Supported Domains Extensions table (Table-2-5) .
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to set transfer code and please use Puny code for IDN.
<param name="password">VALUE</param>	Length6-16. Transfer code
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(password)+cltrid+"custtransfersetpwd"+ domaintype + domain + password)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : CustTransferSetPwd
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in

	appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.4.4.2. Command Description

The current reseller sets transfer code and agree transfer-out within 5 days unless the gaining reseller denies the request.

7.2.4.4.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click TransferCustID->CustTransferSetPwd

7.2.4.4.4. Constraints

None

7.2.4.4.5. Notes

None

7.2.4.4.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
  <category>domain</category>
  <action>CustTransferSetPwd</action>
  <params>
    <param name="domaintype">805</param>
    <param name="domain">zxcvzxcvc.info</param>
    <param name="password">123456</param>
  </params>
  <cltrid>150132A1239169457B827</cltrid>
  <chksum>74771054533cdf99989f440f85a60b7f</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
  <category>domain</category>
  <action>CustTransferSetPwd</action>
  <code>1000</code>
  <msg>Command complateted successfully</msg>
  <value>L115:no value</value>
  <resData>
  </resData>
  <cltrid>150132A1239169457B827</cltrid>
  <svtrid>150132A1239169457B827-API-SRV</svtrid>
  <chksum>5622cdd247c92fc4941d9b42ce247361</chksum>
</response>
```

7.2.5. Transfer Domain Name between Registrars

7.2.5.1. Supported Domains Extensions

Table-2-6		
Domain	domaintype	Explanation
com/net	0	.Com/.Net of English Character Set and IDN.
org	807	Org
cn	220	Cn
biz	800	.Biz of English Character Set
info	805	Info
us	806	Us
in	808	In
mobi	903	Mobi
asia	905	Asia

7.2.5.2. Query Inter-registrar Transfer Status

7.2.5.2.1. Definition

Label	Definition
-------	------------

Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : QueryRegTransfer
<params>	
<param name="domaintype">VALUE</param>	Domain Type. Please refer to Supported Domains Extensions table (Table-2-6) .
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to query and please use PUNY-encoded name for IDN.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(password)+cltrid+"queryregtransfer"+ domaintype + domain)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : QueryRegTransfer
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Return data after successful transfer
<data name='domain'>VALUE</data>	Length1-68. Domain name
<data name="status">VALUE</data>	Length1-30. Current status of transfer. Please refer to the table for status of domain name transfer registrar in Appendix.
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.5.2.2. Command Description

Query the registrar transfer status of domain name

7.2.5.2.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click

TransferRegistrar->QueryRegTransfer

7.2.5.2.4. Constraints

None

7.2.5.2.5. Notes

None

7.2.5.2.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
  <category>domain</category>
  <action>QueryRegTransfer</action>
  <params>
    <param name="domaintype">220</param>
    <param name="domain">sina.cn</param>
  </params>
  <cltrid>150132A1239259539B60</cltrid>
  <chksum>3522e5de5d095b65d1fb61ac058971bf</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
  <category>domain</category>
  <action>QueryRegTransfer</action>
  <code>1000</code>
  <msg>Command completed successfully</msg>
  <value>L121:no value</value>
  <resData>
    <data name="domain">sina.cn</data>
    <data name="status">transferSuccessfully</data>
  </resData>
  <cltrid>150132A1239259539B60</cltrid>
  <svtrid>150132A1239259539B60-API-SRV</svtrid>
  <chksum>c2a1138782fd4f6f8ae7cecd4917f136</chksum>
</response>
```

7.2.5.3. Initiate Inter-registrar Transfer Requests

7.2.5.3.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : domain
<action>ACTION</action>	ACTION : RequestRegTransfer
<params>	
<param name="domaintype">VALUE</param>	Domain Type. Please refer to Supported Domains Extensions table (Table-2-6) .
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to initiate inter-registrar and please use Puny-encoded name for IDN.
<param name="mailway">VALUE</param>	Length3. Choose the way to deliever the transfer confiramation. Default is Off On – On behalf of reseller Off - On behalf of OnlineNIC
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(password)+cltrid+"requestregtransfer"+ domaintype + domain)
</request>	
Returned parameters and values :	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : domain
<action>ACTION</action>	ACTION : RequestRegTransfer
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Return data after successful transfer
<data name='domain'>VALUE</data>	Length1-68. Domain name.
<data name="status">VALUE</data>	Length1-30. The current status of transfer. It shows pending as the transfer request has been initiated successfully.
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.5.3.2. Command Description

This command can't achieve real-time transfer and the transfer confirmation email can't be sent out immediately after transfer request submission. The timing program will take care of the rest after you initiate the transfer.

7.2.5.3.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click TransferRegistrar->RequestRegTransfer

7.2.5.3.4. Constraints

None

7.2.5.3.5. Notes

- The domain name you want to initiate inter-registrar must be in another registrar.
- A domain name, which is in the first 60 days of an initial registration period, is prevented for inter-registrar.
- If the domain name expires in 10 days, it will be declined for inter-registrar.
- The domain name will be renewed for 1 year automatically after successful transfer.

7.2.5.3.6. Example

```
<?xml version="1.0"?>
<request>
  <category>domain</category>
  <action>RequestRegTransfer</action>
  <params>
    <param name="domaintype">1</param>
    <param name='domain'>asfun.net</param>
    <param name="mailway">Off</param>
  </params>
  <cltrid>150132A1239072576B873</cltrid>
  <chksum>399b636783bee28bc3a49fc5785d6d20</chksum>
</request>
```

Returned parameters and values :

```
<?xml version="1.0"?>
<response>
```

```

<category>domain</category>
<action>RequestRegTransfer</action>
<code>1001</code>
<msg> Command completed successfully</msg>
<value>no value </value>
<resData>
  <data name='domain'>asfun.net</data>
  <data name="status">pending</data>
</resData>
<cltrid>150132A1239072576B873</cltrid>
<svtrid>150132A1239072576B873-API-SRV </svtrid>
<chksum> b93956c1058e65f589022d7c6f24a081</chksum>
</response>

```

7.2.5.4. Cancel Inter-registrar Transfer Requests

7.2.5.4.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : CancelRegTransfer
<params>	
<param name="domaintype">VALUE</param>	Domain Type. Please refer to Supported Domains Extensions table (Table-2-6) .
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to cancel inter-registrar request and please use Puny code for IDN.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(password)+cltrid+"cancelregtransfer"+ domaintype + domain)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY : 'domain'
<action>ACTION</action>	ACTION : CancelRegTransfer
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.

<checksum>CHKSUM</checksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.5.4.2. Command Description

Cancel the inter-registrar request you submitted.

7.2.5.4.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click TransferRegistrar->CancelRegTransfer

7.2.5.4.4. Constraints

The inter-registrar request can't be cancelled if the domain name in question has been transferred into OnlineNIC or has failed.

7.2.5.4.5. Notes

None

7.2.5.4.6. Example

```
<?xml version="1.0"?>
<request>
  <category>domain</category>
  <action>CancelRegTransfer</action>
  <params>
    <param name="domaintype">1</param>
    <param name='domain'>asfun.net</param>
  </params>
  <cltrid>150132A1239072576B873</cltrid>
  <checksum>399b636783bee28bc3a49fc5785d6d20</checksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
  <category>domain</category>
  <action>CancelRegTransfer</action>
  <code>1000</code>
  <msg> Command complateted successfully</msg>
  <value>no value </value>
  <cltrid>150132A1239072576B873</cltrid>
```

```

<svtrid>150132A1239072576B873-API-SRV </svtrid>
<chksum> b93956c1058e65f589022d7c6f24a081</chksum>
</response>

```

7.2.6. Account Management

7.2.6.1. Get Account Balance

7.2.6.1.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY: 'account'
<action>ACTION</action>	ACTION: GetAccountBalance
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM=md5(clid+md5(password)+cltrid+"getaccountbalance")
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY: 'account'
<action>ACTION</action>	
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data Returned.
<data name="balance">VALUE</data>	The fund balance under this account.
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.6.1.2. Command Description

Query account balance under this account.

7.2.6.1.3. Demo Guide

Please login https://218.5.81.149/apidemo_oversea/index.php and click AccountManagement->GetAccountBalance

7.2.6.1.4. Constraints

None

7.2.6.1.5. Notes

None

7.2.6.1.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
  <category>account</category>
  <action>GetAccountBalance</action>
  <cltrid>135610A1246241147B990</cltrid>
  <chksum>7301abd0e4145a661c1ba06df51fa1ec</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
  <category>account</category>
  <action>GetAccountBalance</action>
  <code>1000</code>
  <msg>Command complateted successfully</msg>
  <value>L69:no value</value>
  <resData>
    <data name="balance">130265</data>
  </resData>
  <cltrid>135610A1246241147B990</cltrid>
  <svtrid>135610A1246241147B990-API-SRV</svtrid>
  <chksum>38bb7fbb095b3649488c8b7b484b639a</chksum>
</response>
```


7.2.6.2. GetCustomerInfo

7.2.6.2.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'account'
<action>ACTION</action>	ACTION: GetCustomerInfo
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(password)+cltrid+"getcustomerinfo")
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY: 'account'
<action>ACTION</action>	
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data Returned
<data name="clid">VALUE</data>	Account ID
<data name="crDate">VALUE</data>	Length10. The date when this account is created. The format of date is YYYY-MM-DD.
<data name="upDate">VALUE</data>	Length10. The date when the account info is modified. The format of date is YYYY-MM-DD.
<data name="web">VALUE</data>	Length0-120 , The website address
(Registrant contact info begins with r_, administrator contact info begins with a_, technical contact info begins with t_, billing contact info begins with b_) "	
<data name="r_name">VALUE</data>	Length1-60. Registrant name of registrant
<data name="r_org">VALUE</data>	Length 1-60. Organization information of registrant
<data name="r_country">VALUE</data>	Length 1-2. Country code of registrant
<data name="r_province">VALUE</data>	Length 1-60. Province of registrant
<data name="r_city">VALUE</data>	Length 1-60. City of registrant
<data name="r_street">VALUE</data>	Length 1-60. Address of registrant
<data name="r_postalcode">VALUE</data>	Length 1-10. Postcode
<data name="r_voice">VALUE</data>	Length 1-17. Telephone Number
<data name="r_fax">VALUE</data>	Length 1-17. Fax number
<data name="r_email">VALUE</data>	Length 1-60. Email address
.....	The format of admin, technical and billing contact information is the same as

	registrants.
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.6.2.2. Command Description

Get account info

7.2.6.2.3. Demo Guide

https://218.5.81.149/apidemo_oversea/index.php and click AccountManagement->GetCustomerInfo

7.2.6.2.4. Constraints

None

7.2.6.2.5. Notes

None

7.2.6.2.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
  <category>account</category>
  <action>GetCustomerInfo</action>
  <cltrid>135610A1246241287B848</cltrid>
  <chksum>be0c4af3e688c933de0f401927fc49b1</chksum>
</request>
```

Returned parameters and values:

```
<?xml version="1.0"?>
<response>
  <category>account</category>
  <action>GetCustomerInfo</action>
  <code>1000</code>
  <msg>Command complateted successfully</msg>
```

```
<value>L66:no value</value>
<resData>
  <data name="customer_id">135610</data>
  <data name="clid">99</data>
  <data name="crDate">2000-12-04 </data>
  <data name="upDate">2009-06-28 </data>
  <data name="web">http://www.onlinenic.com</data>
  <data name="r_name">zhong</data>
  <data name="r_org">rorg</data>
  <data name="r_country">US</data>
  <data name="r_province">rprovince</data>
  <data name="r_city">rcity</data>
  <data name="r_street">rstreet</data>
  <data name="r_postalcode">364100</data>
  <data name="r_voice">12345678</data>
  <data name="r_fax">+00112345678</data>
  <data name="r_email">first@onlinenic.com</data>
  <data name="a_name">zhong</data>
  <data name="a_org">Registrant</data>
  <data name="a_country">CN</data>
  <data name="a_province">afdasf</data>
  <data name="a_city">CA</data>
  <data name="a_street">CA</data>
  <data name="a_postalcode">1111111</data>
  <data name="a_telephone">+1.4156656387</data>
  <data name="a_fax">+1.4156656387</data>
  <data name="a_email">first@onlinenic.com</data>
  <data name="t_name">zhong</data>
  <data name="t_org">Registrant</data>
  <data name="t_country">US</data>
  <data name="t_province">afdasf</data>
  <data name="t_city">CA</data>
  <data name="t_street">CA</data>
  <data name="t_postalcode">1111111</data>
  <data name="t_telephone">+1.4156656387</data>
  <data name="t_fax">+1.4156656387</data>
  <data name="t_email">first@onlinenic.com</data>
  <data name="b_name">zhong</data>
  <data name="b_org">Registrant</data>
  <data name="b_country">US</data>
  <data name="b_province">afdasf</data>
  <data name="b_city">CA</data>
  <data name="b_street">CA</data>
  <data name="b_postalcode">1111111</data>
```

```

<data name="b_telephone">+1.4156656387</data>
<data name="b_fax">+1.4156656387</data>
<data name="b_email">first@onlinenic.com</data>
</resData>
<cltrid>135610A1246241389B782</cltrid>
<svtrid>135610A1246241389B782-API-SRV</svtrid>
<chksum>a327ada60294d75748b56d4f86293e6c</chksum>
</response>

```

7.2.6.3. ModCustomerInfo

7.2.6.3.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY: 'account'
<action>ACTION</action>	ACTION: ModCustomerInfo
<params>	
<param name="web">VALUE</param>	Length0-120. Must start with http://
<param name="r_org">VALUE</param>	Length 1-60. Organization Name (English)
<param name="r_country">VALUE</param>	Length 1-2, Country, please refer to Country Code Table .
<param name="r_province">VALUE</param>	Length 1-60. Province (English)
<param name="r_city">VALUE</param>	Length 1-60. City (English)
<param name="r_street">VALUE</param>	Length 1-60. Address (English)
<param name="r_postalcode">VALUE</param>	Length 1-10. Post Code
<param name="r_voice">VALUE</param>	Length 1-17. Telephone Number (+CountryCode. PhoneNumber)
<param name="r_fax">VALUE</param>	Length 1-17. Fax Number (+CountryCode. PhoneNumber)
<param name="r_email">VALUE</param>	Length 1-60. Email Address
.....
<param name="a_name">VALUE</param>	Length1-60. Administrator Name (English)
<param name="a_org">VALUE</param>	Length 1-60. Organization Name (English)
<param name="a_country">VALUE</param>	Length 1-2. Please refer to Country Code Table.
<param name="a_province">VALUE</param>	Length 1-60. Province (English)
<param name="a_city">VALUE</param>	Length 1-60. City (English)
<param name="a_street">VALUE</param>	Length 1-60. Address (English)
<param name="a_postalcode">VALUE</param>	Length 1-10. Post Code
<param name="a_voice">VALUE</param>	Length 1-17. Telephone Number (+CountryCode. PhoneNumber)
<param name="a_fax">VALUE</param>	Length 1-17. Fax Number (+CountryCode. PhoneNumber)
<param name="a_email">VALUE</param>	Length 1-60. Email Address
.....	The format of technical and billing contact

	information is the same as admin. technical contact info begins with t_, billing contact info begins with b_
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(password)+cltrid+"modcustomerinfo")
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY: 'account'
<action>ACTION</action>	ACTION: ModCustomerInfo
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data Returned.
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

7.2.6.3.2. Command Description

Modify member (account) information

7.2.6.3.3. Demo Guide

https://218.5.81.149/apidemo_oversea/index.php and click AccountManagement->ModCustomerInfo

7.2.6.3.4. Constraints

At least one part of member info field must be modified.

7.2.6.3.5. Notes

None

7.2.6.3.6. Example

request:

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
  <category>account</category>
  <action>ModCustomerInfo</action>
  <params>
    <param name="web">http://www.onlinenic.com</param>
    <param name="r_org">rorg</param>
    <param name="r_province">rprovince</param>
    <param name="r_city">rcity</param>
    <param name="r_street">rstreet</param>
    <param name="r_postalcode">364100</param>
    <param name="r_voice">12345678</param>
    <param name="r_fax">+86654123</param>
    <param name="r_email">remal@onlinenic.com</param>
    <param name="a_name">aname</param>
    <param name="a_org">aorg</param>
    <param name="a_province">aprovince</param>
    <param name="a_city">acity</param>
    <param name="a_street">astreet</param>
    <param name="a_postalcode">364100</param>
    <param name="a_voice">12345678</param>
    <param name="a_fax">+86123456</param>
    <param name="a_email">aemail@onlinenic.com</param>
    <param name="t_name">tname</param>
    <param name="t_org">torg</param>
    <param name="t_province">tprovince</param>
    <param name="t_city">tcity</param>
    <param name="t_street">tstreet</param>
    <param name="t_postalcode">364100</param>
    <param name="t_voice">12345678</param>
    <param name="t_fax">+861245675</param>
    <param name="t_email">temail@onlinenic.com</param>
    <param name="b_name">bname</param>
    <param name="b_org">borg</param>
    <param name="b_province">bprovince</param>
    <param name="b_city">bcity</param>
    <param name="b_street">bstreet</param>
    <param name="b_postalcode">364100</param>
    <param name="b_voice">45678123</param>
    <param name="b_fax">+864561254</param>
    <param name="b_email">bemail@onlinenic.com</param>
  </params>
</request>
```

```

</params>
<cltrid>135610A1246241911B565</cltrid>
<chksum>faaf2e69df0be35dcd16a95dc056747c</chksum>
</request>

```

Returned parameters and values

```

<?xml version="1.0"?>
<response>
  <category>account</category>
  <action>ModCustomerInfo</action>
  <code>1000</code>
  <msg>Command completed successfully</msg>
  <value>L373:no value</value>
  <resData>
  </resData>
  <cltrid>135610A1246241911B565</cltrid>
  <svtrid>135610A1246241911B565-API-SRV</svtrid>
  <chksum>8d8870f0bc5c673b0f3a0534404838d2</chksum>
</response>

```

7.2.7. Appendix

7.2.7.1. Country Codes

7.2.7.1.1. Supported Country Codes for EU

Code	Country Names
AX	ALAND ISLANDS
AT	AUSTRIA
BE	BELGIUM
BG	BULGARIA
CY	CYPRUS
CZ	CZECH REPUBLIC
DK	DENMARK
EE	ESTONIA
FI	FINLAND
FR	FRANCE
GF	FRENCH GUIANA
DE	GERMANY
GI	GIBRALTAR
GR	GREECE
GP	GUADELOUPE
HU	HUNGARY

IE	IRELAND
IT	ITALY
LV	LATVIA
LT	LITHUANIA
LU	LUXEMBOURG
MT	MALTA
MQ	MARTINIQUE
NL	NETHERLANDS
PL	POLAND
PT	PORTUGAL
RO	ROMANIA
RE	RéUNION
SK	SLOVAKIA
SI	SLOVENIA
ES	SPAIN
SE	SWEDEN
GB	UNITED KINGDOM

7.2.7.1.2. English Country names and Code Elements

http://www.iso.org/iso/country_codes/iso_3166_code_lists/english_country_names_and_code_elements.htm

7.2.7.2. Domain Types

7.2.7.2.1. Type Value of Com/Net of IDN

domaintype	mltype	Explanation
0	0	English
0	10301	Afrikaans-3
0	181	Arabic-utf8
0	186	Canadian Aboriginal Symbols-utf8
0	10302	Catalan-3
0	185	Cherokee-utf8
0	1	Chinese(simplified)-gb2312
0	2	Chinese(traditional)-big5
0	10201	Croatian-2
0	10501	Cyrillic-5
0	10202	Czech-2

0	10101	Danish-1
0	152	Devanagari-utf8
0	10102	Dutch-1
0	10303	Esperanto-3
0	10401	Estonian-4
0	184	Ethiopic-utf8
0	10103	Faeroese-1
0	10104	Finnish-1
0	10105	Flemish-1
0	10901	French-9
0	10106	German-1
0	10701	Greek-7
0	10402	Greenlandic-4
0	154	Gujarati-utf8
0	153	Gurmukhi-utf8
0	180	Hebrew-utf8
0	10203	Hungarian-2
0	10107	Icelandic-1
0	10108	Irish-1
0	10109	Italian-1
0	3	Japanese-shift-jis
0	158	Kannada-utf8
0	164	Kmer-utf8
0	4	Korean-euc-kr
0	161	Lao-utf8
0	10403	Latvian-4
0	10404	Lithuanian-4
0	159	Malayalam-utf8
0	10304	Maltese-3
0	187	Mongolian-utf8
0	163	Myanmar-utf8
0	10110	Norwegian-1
0	155	Oriya-utf8
0	10204	Polish-2
0	10111	Portuguese-1
0	10205	Romanian-2
0	11001	Sami-11
0	10208	Serbian-2
0	160	Sinhala-utf8
0	10206	Slovak-2
0	10207	Slovenian-2
0	10112	Spanish-1

0	10113	Swedish-1
0	182	Syriac-utf8
0	156	Tamil-utf8
0	157	Telugu-utf8
0	183	Thaana-utf8
0	151	Thai-windows-874
0	162	Tibetan-utf8
0	10902	Turkish-9
0	11401	Welsh-14

7.2.7.2.2. Type Value of BIZ of IDN

domaintype	mltype	Explanation
800	800	English
800	810	Chinese (zh)- gb2312
800	811	Danish (da)
800	812	German (de)
800	813	Icelandic (is)
800	814	Japanese (jp)
800	815	Norwegian (no)
800	816	Spanish (es)
800	817	Swedish (sv)
800	818	Korean (ko)

7.2.7.2.3. CN Domain Types

- 2nd Level CN (Example: abc.cn).
- .3rd Level CN (com.cn, .net.cn, .org.cn (Example: abc.com.cn)).

7.2.7.2.4. IN Domain Types

- The 2nd Level IN (Example: abc.in).
- The 3rd Level IN (co.in, net.in, org.in, firm.in, gen.in, ind.in (Example: abc.co.in)).

7.2.7.3. CED info for Asia Domain names

7.2.7.3.1. CED Type of Legal Entity

Type	Explanation
cooperative	Cooperatives

corporation	Corporations or Companies
government	Government Bodies, States, Sovereigns or Municipalities
institution	Institutions
naturalPerson	Natural Persons
other	Other
partnership	Partnerships or Collectives
politicalParty	Political parties or Trade Unions
society	Trusts, Estates, Associations or Societies

7.2.7.3.2. CED Certificate Type

Type	Explanation
certificate	Certificate of Incorporation or equivalent business registration certificate
legislation	Act, decree or legislation describing the formation of an entity
other	Other
passport	Passport or Citizenship ID
politicalPartyRegistry	Political Parties Registry
societyRegistry	Societies Registry or equivalent registry for non-corporate entities

7.2.7.4. The industry Type value for CN domain names

Type Value	Explanation
S1	Government Bodies, States, Sovereigns or Municipalities
S2	Institutions
S5	Sports and Entertaining Industry
S6	Logistics
S3	Social Service Organization
S4	Commercial Party
S7	News and Press
S8	Commercial Organization
S9	Research and Educational Organization
S10	Estate
S11	Mail service
S12	IT Industry
S13	Manufacturing
S14	Public Utility
S15	Construction Industry
S16	Agriculture, Forestry and Fishing
S17	Mining Industry

S18	Others
-----	--------

7.2.7.5. Transfer status explanation

Status	Explanation
Pending transfer; no response to our confirmation email for transferring	The admin of domain has not approved to transfer.
transfer failed; no pay	The transfer fails because the renewal fee has not been charged beforehand.
clientCanceled; transfer operation expired	The transfer requests expired because it is not responded within 5 days.
clientCanceled; client canceled	The transfer request was cancelled by the reseller who initiated it.
pendingTransfer	The transfer request has been approved by gaining registrar and waiting for approval from the losing registrar.
clientCanceled; system canceled	The transfer request was cancelled by gaining registrar
transferSuccessfully	The transfer is successful.
clientRejected	The admin of domain name rejected the transfer.
pendingTransfer, system has not sent confirmation email	The registrar transfer confirmation will be sent out soon.

7.2.7.6. Codes Explanation.

Code	Msg	Explanation
------	-----	-------------

1000	Command completed successfully	It shows the command is completed successfully. The default value of <value> is 'no value'.
1001	Command completed successfully; action pending	It shows the initiation of operation is successful. The default value of <value> is 'no value'. Note: this is for non-realtime processing command, for instance, domain transfer registrar.
1105	Command completed successfully; not in lib	It shows the command is completed successfully, but it was not stored because of fund or database connection issue. The value of <value> part is listed at its line.
1300	Command completed successfully; no messages	It shows the command is completed successfully. The admin of domain gets transfer record but the data has not been collected by server. The default value of <value> is 'no value'.
1301	Command completed successfully; ack to dequeue	It shows the command is completed successfully. The admin of domain gets transfer record and the data has been collected by server. The default value of <value> is 'no value'.
1500	Command completed successfully; ending session	It shows the session is ended. The default value of <value> is 'no value'.
2000	Unknown command	The command is invalid. The value of <value> is the command you submitted.
2001	Command syntax error	It shows there is error on command syntax. The value of <value> is the explanation of syntax.
2003	Required Parameter missing	The required parameter is missing. The value of <value> is the parameter missed.

2004	Parameter value range err	The error happens because of Parameter value is out of range. For instance, the length of character. The value of <value> is parameter name and valid range.
2005	Parameter value syntax error	It shows the value of parameter syntax is incorrect. The value of <value> is the parameter and its right format.
2104	Billing fail	It shows that the current balance of your account is insufficient. The value of <value> is the current balance of your account.
2105	Object is not eligible for renewal	It explains that the object in question is ineligible for renewal. For instance, the duplicate renewal request in certain time frame. The value of <value> is to explain the failure.
2106	Object is not eligible for transfer	It explains that the object in question is ineligible for transfer registrar. For instance, the domain name is in the first 60 days of registration. The value of <value> is to explain the failure.
2201	Authorization error	It shows the password is inaccurate. If the format is correct, the value returns 'no value'. Or else, it returns the correct format of passwr.
2202	Invalid authorization information	It shows the invalid authorization information. The value of <value> is the information in regard to failure.
2300	Object pending transfer	The object in question is in the midst of transfer. The value of <value> is 'no value'.
2302	Object exists	The object in question existed already. The value of <value> is 'no value'.
2303	Object does not exist	The object in question doesn't exist. The value of <value> is 'no value'.

2304	Object status prohibits operation	The object is being prohibited from operation because of its status. The value of <value> is the reason caused prohibition.
2305	Object association prohibits operation	The operation is being rejected because the object is being associated with others, for instance, package products. The value of <value> is the reason caused prohibition.
2306	Parameter value policy error	The command can't be proceeded because the parameter itself has restriction.
2307	Object not apply ID Shield	The object has not applied for ID shield service yet. The value of <value> is to explain the error.
2400	Command fail	The command fails to be completed. The value of <value> is the reason to failure.
2500	Command failed;server ending session	The command fails to be completed and the connection session is ended. The value of <value> is the reason to the failure.
2501	Timeout;server ending session	The connection is time-out and the session is ended. The value of <value> is 'no value'.
5000	Something error in netware	The command fails to be completed. The value of <value> is the reason to the failure.
5500	Did not Login	You can't conduct operation because not login yet. The default value of <value> is 'no value'.
6000	Checksum error	The checksum error. Please check. The value of <value> is 'no value'.
6001	Internal Database err	The failure was caused by the internal database error. The value of <value> is to explain the failure.

7.2.7.7. Data Format

Take the response in XML format as an instance, the format is as below,

Label	Definition
Comand:	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	Operation category: 'client' 'domain' "account". The value of CATEGORY must be one of three categories above.
<action>ACTION</action>	Action: the type of designated action. For example, login means for login operation, infoHost means the DNS query.
<params>	Parametes.
<param name="PARAM1">VALUE1</param>	Parameters1
<param name="PARAM2">VALUE2</param>	Parameters2
.....
<param name="PARAMn">VALUEn</param>	ParametersN
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM info. Md5 secret key between reseller and ONlineNIC.
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	Category information.
<action>ACTION</action>	Action type.
<code>CODE</code>	Please refer to codes explanation .
<msg>MSG</msg>	Please refer to codes explanation .
<value>VALUE</value>	Error messages explaining the failure and returns 'no value' if it is successful.
<resData>	Data returned.
<data name="DATA1">VALUE1</data>	Data1. Please see the value1.
<data name="DATA2">VALUE2</data>	Data2. Please see the value2.
.....
<data name="DATAn">VALUEn</data>
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	svtrid = cltrid + '-API-SRV'
<chksum>CHKSUM</chksum>	chksum = md5(customer_id + md5(password) + cltrid + svtrid + code + msg + value)
</response>	

Example,

```
<?xml version="1.0"?>
<request>
  <category>domain</category>    // Operation Category
```



```

<action>InfoDomain</action>    // Action Type
<params>    //Parameters
  <param name="domain">aaa.com</param>
  <param name="domaintype">0</param>
  .....
</params>
<cltrid>135610A1224492880B530</cltrid>    // Order number
<chksum>ce5a06dca8a4297bb11de28cba5739ef</chksum>    //checksum
</request>

```

2. Returned parameters and values (failure) :

```

<?xml version="1.0"?>
<response>
<category>domain</category>    // Operation Category
<action> InfoDomain </action>    // Action Type
<code>2306</code>    //Code returned
<msg>Parameter value policy error</msg>    //MSG returned
<value> Auth Info not provided</value>
<resData>    //Data returned
</resData>
<cltrid>135610A1224233311B493</cltrid>    // Order number
<svtrid>135610A1224233311B493-API-SRV</svtrid>    // Order number by server
<chksum>f15504257d6a6a58d69198909da52ce9</chksum>    // checksum
</response>

```

3. Returned parameters and values (successful) :

```

<?xml version="1.0"?>
<response>
<category>domain</category>    // Operation Category
<action> InfoDomain </action>    // Action Type
<code>1000</code>    // Code returned
<msg>Command completed successfully</msg>    // MSG returned
<value>no value</value>
<resData>    //Data returned
  <data name="domain">testwew.com</data>
  <data name="crDate">2008-09-12</data>
  .....
</resData>
<cltrid>135610A1224233311B493</cltrid>    // Order number
<svtrid>135610A1224233311B493-API-SRV</svtrid>    // Order number by server
<chksum>f15504257d6a6a58d69198909da52ce9</chksum>    // checksum
</response>

```

7.2.7.8. Domain Format

A domain name consists of letters from (a-z) and numbers (0-9) and hyphen (-).

- 1) A domain name needs to contain a minimum of three characters.
- 2) The maximum numbers used in a domain name is up to 63 alpha-numeric characters per name.
- 3) Special characters such as a hyphen (-) are not allowed as first or last character.

- a) The first character should be a letter.
 - b) It is preferable that a domain name be similar to the full name of the organization, or part of it or the same as the trade mark and is written in Latin letters.
 - c) The third and fourth character can't be “-”(hyphen) at the same time. For example, aa--bb.com is not allowed.
- 4) Our API requires the domain name using non-english character sets much be puny-encoded.

<End of text>