

EOI (Expression of Interest) and Domain Application (Pre-Registration) Reference

Version 1.0

September 10, 2012

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EOI and Domain Application Manual 1.0
September 10, 2012

Table of Contents

1 INTRODUCTION	4
1.1 WHAT ARE EOI'S AND WHAT ARE DOMAIN APPLICATIONS.....	5
1.2 PREPAID DEPOSITS AND REFUNDS FOR EOI'S / DOMAIN APPLICATIONS	5
1.3 MULTIPLE DOMAIN APPLICATIONS FOR THE SAME DOMAIN NAME	6
1.4 PREMIUMSALE.COM FOR DOMAIN AUCTIONS.....	6
1.5 PROCESSING OF A DOMAIN APPLICATION AFTER SUCCESSFUL REGISTRATION.....	7
2 BACKORDER APPLICATION WORKFLOW AND PROCESS.....	7
2.1 CREATING A NEW EOI	7
3 API REFERENCE	8
3.1 COMMAND - WREATE AN EOI/DOMAINAPPLICATION	8
3.2 COMMAND - P ELETE AN EOI/DOMAINAPPLICATION	12
3.3 COMMAND - P UERY DETAILS ABOUT A SINGLE EOI / DOMAIN APPLICATION.....	14
3.4 COMMAND - P UERY LIST ALL EOIs / DOMAIN APPLICATIONS	16

1 INTRODUCTION

In the first quarter of 2012, ICANN opened the newTLD (new Top-Level-Domain Application) window, thus allowing entities worldwide to apply for their own individual TLD.

The newTLDs have been classified into two (2) different categories:

- 1.) generic newTLDs
- 2.) geo newTLDs

At this point in time, you can submit EOIs (Expression of Interests) for the following newTLDs:

1. generic newTLDs:

.Actor, .Android, .Apartments, .App, .Arab, .Art, .Attorney, .Audio, .Auto, .Baby, .Bar, .Baseball, .Basketball, .Bet, .Blog, .Book, .Broadway, .Buy, .Cars, .Casa, .Casino, .Charity, .Chat, .Christmas, .City, .Cloud, .Club, .Corp, .Coupon, .CPA, .Data, .Deals, .Design, .Diet, .Discount, .Doctor, .Eco, .Family, .Fashion, .Film, .Flowers, .Food, .Football, .Free, .Game, .Gay, .GmbH, .Golf, .Gratis, .Green, .Health, .Help, .Hockey, .Home, .Hotel, .Inc, .Insurance, .Kids, .Latino, .Law, .Lawyer, .Life, .Live, .LLC, .LLP, .Love, .LTD, .Map, .Mail, .Med, .Media, .MLS, .Movie, .Music, .News, .NGO, .Now, .Online, .Play, .Poker, .Property, .Radio, .Realestate, .Rent, .Restaurant, .RIP, .Sale, .School, .Search, .Shop, .Site, .Ski, .Soccer, .Sport, .Store, .Style, .Taxi, .Tech, .Tennis, .Tickets, .Tube, .Video, .VIP, .Web

2. geo newTLDs:

.Abudhabi, .Africa, .Amsterdam, .Barcelona, .Bayern, .Berlin, .Boston, .Brussels, .Budapest, .Capetown, .Cymru, .Dubai, .Gent, .Hamburg, .Helsinki, .Istanbul, .Joburg, .Kyoto, .London, .Madrid, .Melbourne, .Miami, .Moscow, .Nagoya, .Nrw, .Nyc, .Okinawa, .Osaka, .Paris, .Quebec, .Rio, .Roma, .Ruhr, .Scot, .Stockholm, .Sydney, .Taipei, .Tirol, .Tokyo, .Vegas, .Wales, .Wien, .Yokohama, .Zuerich

The above list of newTLDs is not yet final. Depending on the respective Policies of the specific TLD we may be forced to remove the respective nTLD from our DomainApplication product.

If and when a newTLD is approved by ICANN and the TLD is placed in the

Internet's Root (required for a TLD's domains to resolve on the Internet), one can choose to convert an EOI into a standard domain application or to delete the EOI completely.

1.1 What is an EOI and a Domain Application

An EOI for a domain is a free and non-binding Expression of Interest, informing the service provider that the user has interest in a domain name and would like timely information and alerts sent to them. The EOI process was created only for newTLDs as details for many if not most of the newTLDs are still pending. If and when any newTLD gets entered into the Internet's Root, detailed information on that newTLD's respective launch phases (Sunrise A, Sunrise B, Landrush and Go Live, ...etc) will be immediately provided, as well as, information on how to convert an EOI into a standard Domain Application.

A Domain Application is exactly the same as a standard pre-registration and goes through the regular deposit/billing cycle. Users may delete a Domain Application up to 48 hours prior to a domain application submission without being charged.

1.2 Prepaid Deposits and Refunds for EOIs / Domain Applications

EOIs are free-of-charge and can be deleted at any point in time. EOIs that are converted into a Domain Applications must then follow the standard deposit/billing cycle for domain applications for proper submission of an application.

Domain Applications deposits are withdrawn from user's accounts approximately two (2) weeks prior to their submission dates. Again, deposits are used to ensure funds are available to properly register a domain application in the event the application is successful.

Please ensure user account balances are properly funded to cover all pending Domain Applications, otherwise some or all Domain Application requests will **NOT** be processed.

If the registration system is unable to register a Domain Application, any

reserved deposits are then automatically returned to their respective account balances.

1.3 Multiple Domain Applications for the Same Domain Name

Some registries will be first-come-first-served while others will not. In the event that domains with multiple Domain Applications on them go to auction, a PRIVATE Auction which will be conducted by PremiumSale.com. Private auctions at PremiumSale.com are only for those users that originally placed a Domain Application on the respective domain prior to submission.

1.4 PremiumSale.com for Domain Auctions

PremiumSale.com manages all invitations, registrations, auction proceedings, payment, and even notifications for resellers. For more information on private auctions or on the auction company, please visit www.premiumsale.com.

1.5 Processing of a Domain Application After Successful Registration

Domain Applications with a single request that are successfully registered by the registration system, will be placed in the reseller's account automatically. Those domain applications requiring an auction for settling ownership, the domain will be placed in the reseller's account or the reseller's customer at the conclusion of the auction.

2 BACKORDER APPLICATION WORKFLOW AND PROCESS

EOI for any domain name is allowed for any nTLD listed under 1.0

The relation – PRICE_CLASS_DOMAIN_NTLD_EOI_SETUP must be defined and set to 0.00

2.1 Creating a New EOI

To create a new EOI, simply use the command below:

COMMAND – AddDomainApplication

Parameters used for this command are very similar to the parameters used for creating a new registration via AddDomain, however, in the case of an EOI, most parameters are optional as well as the periods are ignored.

A newly created EOI will have the status REQUESTED and a unique APPLICATION ID.

STATUS – REQUESTED
APPLICATION – 3723

3 API REFERENCE

This API command reference below details the API commands for the EOI / Domain Application Service. The API itself is NOT object oriented but is objected related and can be encapsulated into various Object-Oriented languages.

Please adhere to the following BOX COLORS:

GREEN – Request and Response Parameters

BLUE – Example Command Use

GREY – EPP Request and Response if Applicable

3.1 COMMAND - Create an EOI/DomainApplication

Request Parameters:

Required:

COMMAND = AddDomainApplication
CLASS = EOI
DOMAIN = <DOMAIN NAME>

Optional:

AUTH = AUTH code for the domain name **(note 1)**
OWNERCONTACT0 = contact handle ID of registrant
ADMINCONTACT0 = contact handle ID of the administrative contact
TECHCONTACT0 = contact handle ID of the technical contact
BILLINGCONTACT0 = contact handle ID of the billing contact
NAMESERVER0 = nameserver #1
NAMESERVER1 = nameserver #2
...
NAMESERVER12 = nameserver #13

Note:

1.) If the EOI is converted to a Domain Application and the Domain Application has been completed successfully this AUTH code will be set for this domain

Response Parameters:

Parameters:

CLASS = application class (syntax: <TLD>_EOI)
APPLICATION = unique application ID
STATUS = application status (NOTE 1)
DOMAIN = domain name
USER = user id the domain application is assigned to
PEERUSER = User ID hierarchy (tree) that domain application is assigned
CREATEDDATE = application created date
UPDATEDDATE = last application updated date
AUTH = AUTH code for the domain name (NOTE 2)

Note:

(1) Possible values are:

- INCOMPLETE
- REQUESTED
- ACTIVE
- PROCESSING
- PENDING
- SUCCESSFUL
- FAILED
- AUCTION-PENDING
- AUCTION-WON
- AUCTION-LOST

(2) If the EOI is converted to a domain application and the domain application has been completed successfully this AUTH code will be set for the domain name.

Example:

- To create an EOI for an .APP Domain (only the domain name is given)

RRP Request/Response:

```
[COMMAND]
command=AddDomainApplication
class=EOI
domain=example.app
EOF
```

[RESPONSE]

```
CODE=200
DESCRIPTION=Command completed successfully
PROPERTY[APPLICATION][0]=3723
PROPERTY[AUTH][0]=TXU3InYoEv
PROPERTY[CLASS][0]=APP_EOI
PROPERTY[CREATEDBY][0]=SYSTEM
PROPERTY[CREATEDDATE][0]=2012-09-03 04:53:41
PROPERTY[DOMAIN][0]=example.app
PROPERTY[DOMAINUMLAUT][0]=example.app
PROPERTY[PEERUSER][0]=
PROPERTY[STATUS][0]=REQUESTED
PROPERTY[UPDATEBY][0]=SYSTEM
PROPERTY[UPDATEDDATE][0]=2012-09-03 04:53:41
PROPERTY[USER][0]=test.user
```

EPP:

EPPrequest:

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<epp xmlns="urn:ietf:params:xml:ns:epp-1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:ietf:params:xml:ns:epp-1.0 epp-1.0.xsd">
<extension>
<keyvalue:extension xmlns:keyvalue="http://schema.ispapi.net/epp/xml/keyvalue-1.0"
xsi:schemaLocation="http://schema.ispapi.net/epp/xml/keyvalue-1.0 keyvalue-1.0.xsd">
<keyvalue:kv key='COMMAND' value='AddDomainApplication' />
<keyvalue:kv key='CLASS' value='EOI' />
<keyvalue:kv key='DOMAIN' value='example2.app' />
</keyvalue:extension>
</extension>
</epp>
```

EPP response:

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<epp xmlns="urn:ietf:params:xml:ns:epp-1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:ietf:params:xml:ns:epp-1.0 epp-1.0.xsd">
<response>
<result code="1001">
<msg>Command completed successfully; action pending</msg>
<extValue>
<value xmlns:epp="urn:ietf:params:xml:ns:epp-1.0">
<epp:undef/>
</value>
<reason>200 Command completed successfully</reason>
</extValue>
</result>
<extension>
<keyvalue:extension xmlns:keyvalue="http://schema.ispapi.net/epp/xml/keyvalue-1.0"
xsi:schemaLocation="http://schema.ispapi.net/epp/xml/keyvalue-1.0 keyvalue-1.0.xsd">
<keyvalue:kv key="APPLICATION" value="3725"/>
<keyvalue:kv key="AUTH" value="ZBh5ralfPI"/>
<keyvalue:kv key="CLASS" value="APP_EOI"/>
<keyvalue:kv key="CREATEDBY" value="SYSTEM"/>
<keyvalue:kv key="CREATEDDATE" value="2012-09-03 09:47:10"/>
<keyvalue:kv key="DOMAIN" value="example2.app"/>
<keyvalue:kv key="DOMAINUMLAUT" value="example2.app"/>
<keyvalue:kv key="PEERUSER" value=""/>
<keyvalue:kv key="STATUS" value="REQUESTED"/>
<keyvalue:kv key="UPDATEBY" value="SYSTEM"/>
<keyvalue:kv key="UPDATEDDATE" value="2012-09-03 09:47:10"/>
<keyvalue:kv key="USER" value="test.user"/>
</keyvalue:extension>
</extension>
<trID>
<svTRID>RW-22720-1346665630348630</svTRID>
</trID>
</response>
</epp>
```

3.2 COMMAND - Delete an EOI/DomainApplication

Request Parameters:

Required:

COMMAND = DeleteDomainApplication
CLASS = EOI
APPLICATION = <unique application ID>

Response Parameters:

Parameters:

DOMAIN = domain name

Example:

- Delete Domain Application with ID 3723 (domain example.app)

RRP Request/Response:

[COMMAND]
command=DeleteDomainApplication
application=3723
EOF

[RESPONSE]
PROPERTY[DOMAIN][0]=example.app
DESCRIPTION=Command completed successfully
CODE=200

EPP:

EPPrequest:

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<epp xmlns="urn:ietf:params:xml:ns:epp-1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:ietf:params:xml:ns:epp-1.0 epp-1.0.xsd">
<extension>
<keyvalue:extension xmlns:keyvalue="http://schema.ispapi.net/epp/xml/keyvalue-1.0"
xsi:schemaLocation="http://schema.ispapi.net/epp/xml/keyvalue-1.0 keyvalue-1.0.xsd">
<keyvalue:kv key='COMMAND' value='DeleteDomainApplication' />
<keyvalue:kv key='APPLICATION' value='3723' />
</keyvalue:extension>
</extension>
</epp>
```

EPP response:

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<epp xmlns="urn:ietf:params:xml:ns:epp-1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:ietf:params:xml:ns:epp-1.0 epp-1.0.xsd">
<response>
<result code="1000">
<msg>Command completed successfully</msg>
<extValue>
<value xmlns:epp="urn:ietf:params:xml:ns:epp-1.0">
<epp:undef/>
</value>
<reason>200 Command completed successfully</reason>
</extValue>
</result>
<extension>
<keyvalue:extension xmlns:keyvalue="http://schema.ispapi.net/epp/xml/keyvalue-1.0"
xsi:schemaLocation="http://schema.ispapi.net/epp/xml/keyvalue-1.0 keyvalue-1.0.xsd">
<keyvalue:kv key="DOMAIN" value="example921.app"/>
</keyvalue:extension>
</extension>
<trID>
<svTRID>RW-22720-1346669564857839</svTRID>
</trID>
</response>
</epp>
```

3.3 COMMAND - Query Details about a single EOI / Domain Application

Request Parameters:

Required:

COMMAND = StatusDomainApplication
APPLICATION = <unique application ID>

Response Parameters:

Parameters:

CLASS = application class (syntax: <TLD>_EOI)
APPLICATION = unique application ID
STATUS = application status **(NOTE 1)**
DOMAIN = domain name
USER = user id the domain application is assigned to
PEERUSER = User ID hierarchy (tree) that domain application is assigned
CREATEDDATE = application created date
UPDATEDDATE = last application updated date
AUTH = AUTH code for the domain name **(NOTE 2)**

Note:

(1) Possible values are:

- INCOMPLETE
- REQUESTED
- ACTIVE
- PROCESSING
- PENDING
- SUCCESSFUL
- FAILED
- AUCTION-PENDING
- AUCTION-WON
- AUCTION-LOST

(2) If the EOI is converted to a domain application and the domain application has been completed successfully this AUTH code will be set for the domain name.

Example:

- To query details about a single EOI / Domain Application

RRP Request/Response:

```
[COMMAND]
commandStatusDomainApplication
application=3723
EOF
```

[RESPONSE]

```
CODE=200
DESCRIPTION=Command completed successfully
PROPERTY[APPLICATION][0]=3725
PROPERTY[AUTH][0]=ZBh5ralfPI
PROPERTY[CLASS][0]=APP_EOI
PROPERTY[CREATEDBY][0]=SYSTEM
PROPERTY[CREATEDDATE][0]=2012-09-03 09:47:10
PROPERTY[DOMAIN][0]=example2.app
PROPERTY[DOMAINUMLAUT][0]=example2.app
PROPERTY[PEERUSER][0]=
PROPERTY[STATUS][0]=REQUESTED
PROPERTY[SUBCLASS][0]=APP_EOI
PROPERTY[UPDATEBY][0]=SYSTEM
PROPERTY[UPDATEDDATE][0]=2012-09-03 09:47:10
PROPERTY[USER][0]=test.user
```

3.4 COMMAND - Query List All EOIs / Domain Applications

Request Parameters:

Required:

COMMAND = QueryDomainApplicationList
CLASS = EOI

Optional:

WIDE = 1
STATUS = filter the list by STATUS value (**Note 1**)
ORDERBY = order by parameter, suffix "DESC" in descending order (**Note 2**)
USERDEPTH = filter the list by choosing user depth (**Note 3**)

Note:

1.) Possible values are:

- INCOMPLETE
- REQUESTED
- ACTIVE
- PROCESSING
- PENDING
- SUCCESSFUL
- FAILED
- AUCTION-PENDING
- AUCTION-WON
- AUCTION-LOST

2.) Possible values are:

- CLASS
- CLASSDESC
- DOMAIN
- DOMAINDESC
- USER
- USERDESC
- CREATEDDATE
- CREATEDDATEDESC
- UPDATEDDATE
- UPDATEDDATEDESC

3.) Possible values are:

- SELF (only own EOIs/Applications)
- SUBUSER (only subusers EOIs/Applications)
- ALL (All EOIs/Applications)

Response Parameters:

Parameters:

Common List of Parameters

Returned as an array with only one element

TOTAL = number of total list entries
FIRST = number of first returned list entry
COUNT = number of returned entries
LAST = number of last returned list entry
LIMIT = limitation of returned list entries

List entries returned as an array:

CLASS = application class (syntax: <TLD>_EOI)
APPLICATION = unique application ID
STATUS = application status **(NOTE 1)**
DOMAIN = domain name
USER = user id the domain application is assigned to
PEERUSER = User ID hierarchy (tree) that domain application is assigned
CREATEDDATE = application created date
UPDATEDDATE = last application updated date
AUTH = AUTH code for the domain name **(NOTE 2)**
OWNERCONTACT = contact handle ID of registrant
ADMINCONTACT = contact handle ID of administrative contact
TECHCONTACT = contact handle ID of technical contact
BILLINGCONTACT = contact handle ID of billing contact
EXPIRATIONDATE = TBD
X-DOMAIN-ROID = TBD
MISSINGPARAMETER = TBD
INVALIDPARAMETER = TBD

Note:

(1) Possible values are:

- INCOMPLETE
- REQUESTED
- ACTIVE
- PROCESSING
- PENDING
- SUCCESSFUL
- FAILED
- AUCTION-PENDING
- AUCTION-WON
- AUCTION-LOST

(2) If the EOI is converted to a domain application and the domain application has been completed successfully this AUTH code will be set for the domain name.

Example:

- To query a detailed list of all EOIs / Domain Applications

RRP Request/Response:

```
[COMMAND]
command=QueryDomainApplicationList
class=EOI
wide=1
EOF
```

[RESPONSE]

```
CODE=200
DESCRIPTION=Command completed successfully
PROPERTY[ADMINCONTACT][0]=
PROPERTY[APPLICATION][0]=3725
PROPERTY[BILLINGCONTACT][0]=
PROPERTY[CLASS][0]=APP_EOI
PROPERTY[COUNT][0]=1
PROPERTY[CREATEDDATE][0]=2012-09-03 09:47:10
PROPERTY[DOMAIN][0]=example2.app
PROPERTY[DOMAINUMLAUT][0]=example2.app
PROPERTY[EXPIRATIONDATE][0]=
PROPERTY[FIRST][0]=0
PROPERTY[INVALIDPARAMETER][0]=
PROPERTY[LAST][0]=0
PROPERTY[LIMIT][0]=10000
PROPERTY[MISSINGPARAMETER][0]=
PROPERTY[NAMESERVER][0]=
PROPERTY[OWNERCONTACT][0]=
PROPERTY[PARENTUSER][0]=demo.hexonet.net
PROPERTY[PEERUSER][0]=
PROPERTY[STATUS][0]=REQUESTED
PROPERTY[TECHCONTACT][0]=
PROPERTY[TOTAL][0]=1
PROPERTY[UPDATEDDATE][0]=2012-09-03 09:47:10
PROPERTY[USER][0]=test.user
PROPERTY[X-DOMAIN-ROID][0]=
```

EPP:

EPPrequest: