



EPP Documentation
v1.0.6

NIC Chile Engineering
epp@support.nic.cl

Table of Contents

1. Introduction	3
2. Connecting to the EPP server	3
3. EPP Authentication for Registrars	4
4. Sessions	4
5. Domain Name	5
5.1. General Terms and Conditions	5
5.2. Creation	5
5.3. Modification	7
5.4. Transfers	8
5.4.1. Plain Text AuthInfo Format	9
5.4.2. Security Considerations Regarding AuthInfo	10
5.4.3. Exceptions	11
5.5. Renewal	11
5.6. Deletion	12
6. Contacts	12
6.1. Creation	12
7. Messages from the Registry to the Registrar	14
7.1. clpoll extension	14
7.2. MegaPollType	14
7.3. Domain transfer polls	14
7.3.1. Domain transfer request	14
7.3.2. Domain transfer reject	16
7.3.3. Domain transfer approve	17
7.3.4. Domain awarded	18
7.4. Domain general polls	19
7.4.1. Domain Expired	19
7.4.2. Domain Redemption Period Ended	20
7.5. Domain dispute polls	21
7.5.1. Domain in Dispute	22

- 7.5.2. Domain Dispute Withdrawed 23
- 7.5.3. Domain Dispute Ended, holder keeps the domain 24
- 7.5.4. Domain Dispute Ended, domain awarded to complainant 25
- 8. Optional Extensions..... 26**
 - 8.1. Contacts 26**
- 9. EPP Examples..... 27**
 - 9.1. Create Contact 27
 - 9.2. Create Domain with invalid Plain AuthInfo 29
 - 9.3. Create Domain with valid Plain AuthInfo 30
 - 9.4. Update Domain with invalid Plain AuthInfo 32
 - 9.5. Update Domain with valid Plain AuthInfo 33
 - 9.6. Transfer request with valid Plain AuthInfo 34
 - 9.7. Transfer request with expired Plain AuthInfo 35
 - 9.8. Transfer Request using invalid AuthInfo 37
 - 9.9. Create Domain with valid SHA256 AuthInfo 38
 - 9.10. Update Domain with valid SHA256 AuthInfo 40
 - 9.11. Transfer Request using valid SHA256 AuthInfo 41
- 10. Contact NIC Chile EPP Team..... 43**
- 11. Appendix A: Changelog..... 44**

1. Introduction

This document describes the EPP protocol implementation at NIC Chile and addresses various aspects relating to connection, authentication, security, objects and commands. For general and more detailed information about the EPP protocol, please refer to the following RFCs:

Extensible Provisioning Protocol (EPP)
<https://tools.ietf.org/rfc/rfc5730.txt>

Extensible Provisioning Protocol (EPP) Domain Name Mapping
<https://tools.ietf.org/rfc/rfc5731.txt> Extensible

Provisioning Protocol (EPP) Host Mapping
<https://tools.ietf.org/rfc/rfc5732.txt> Extensible

Provisioning Protocol (EPP) Contact Mapping
<https://tools.ietf.org/rfc/rfc5733.txt>

<https://tools.ietf.org/rfc/rfc5733.txt>
Key words for use in RFCs to Indicate Requirement Levels

2. Connecting to the EPP server

NIC Chile's EPP server is identified by the host name `registry.nic.cl` and listens on port 700 using IPv4 and IPv6. The transport protocol used is TLS over TCP. Accredited registrars MUST authenticate with the server using a client digital certificate. The registrar MUST provide this certificate to NIC Chile, who will add it to

the group of clients authorized to authenticate with that server. Registrars also MUST provide to NIC Chile with the IP addresses from which they will connect to NIC Chile's EPP server.

Upon connection request, registrars MUST validate that the digital certificate provided by the EPP server is a valid certificate corresponding to NIC Chile's EPP server.

3. EPP Authentication for Registrars

Registrars MUST authenticate using the "login" EPP command, with the username and password provided by NIC Chile. In addition to their username and password, registrars MUST list the schemas and associated versions to be used.

4. Sessions

Sessions initiated by the registrar will remain open for 24 hours max. The number of concurrent sessions opened by the same registrar is limited to five (5).

5. Domain Name

5.1. General Terms and Conditions

- Domain names can be registered for a period ranging from 1 to 10 years. Registration periods are expressed in years.
- Domain names MUST have a Registrant and three mandatory contacts: administrative contact, technical contact and billing contact.
- DNS servers associated with a domain name MUST be informed via a domain attribute rather than a Host object.
- We assume that all dates are expressed in UTC time zone. eg. "2020-08-25Z" and "2020-08-25" are both UTC dates.

5.2. Creation

When creating a domain name, the following information MUST be provided:

- Number of years for which the domain is being registered for
- The handle identifying Registrant
- The handles identifying the administrative, technical and billing contacts

IMPORTANT: Contacts MUST have been created prior to registering the domain name.

Example showing how to create a domain object including name servers:

```
C:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
C:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
C:  <command>
C:    <create>
C:      <domain:create xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
C:        <domain:name>example.cl</domain:name>
C:        <domain:period unit="y">1</domain:period>
C:        <domain:ns>
C:          <domain:hostAttr>
C:            <domain:hostName>ns1.example.net</domain:hostName>
C:          </domain:hostAttr>
C:          <domain:hostAttr>
C:            <domain:hostName>secundario.nic.net</domain:hostName>
C:          </domain:hostAttr>
C:        </domain:ns>
C:        <domain:registrant>ClientX</domain:registrant>
C:        <domain:contact type="admin">ClientX</domain:contact>
C:        <domain:contact type="billing">ClientY</domain:contact>
C:        <domain:contact type="tech">ClientZ</domain:contact>
C:        <domain:authInfo>
C:          <domain:pw>PLAIN::QWERTYUIOP12</domain:pw>
C:        </domain:authInfo>
C:      </domain:create>
C:    </create>
C:    <clTRID>269c989b3e024ce4be5d26f025fb49b3</clTRID>
C:  </command>
C:</epp>
```

5.3. Modification

The command for modifying a domain object has no particular requirements. The following example shows how to modify a domain object when two name servers are added to a registered domain name:

```
C:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
C:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
C:  <command>
C:    <update>
C:      <domain:update xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
C:        <domain:name>example.cl</domain:name>
C:        <domain:add>
C:          <domain:ns>
C:            <domain:hostAttr>
C:              <domain:hostName>ns3.example.net</domain:hostName>
C:            </domain:hostAttr>
C:            <domain:hostAttr>
C:              <domain:hostName>ns4.example.net</domain:hostName>
C:            </domain:hostAttr>
C:          </domain:ns>
C:        </domain:add>
C:      </domain:update>
C:    </update>
C:    <clTRID>93fc6e8181794a8496900ea04fb3ec74</clTRID>
C:  </command>
C:</epp>
```


5.4. Transfers

The Domain Transfer Process follows a series of steps:

- The Registrant will request an AuthInfo to the current Registrar
- The current Registrar will issue an Update Command updating the domain object with the new AuthInfo at the Registry. The Registry will return an OK to confirm the update.
- The AuthInfo is delivered to the Registrant by the current Registrar.
- The current Registrar MUST notify all the domain's contacts about the received AuthInfo request.
- The Registrant starts a Domain Transfer request at the new Registrar, providing the domain name and the AuthInfo.
- The new Registrar sends a Transfer Request command to the Registry providing the domain name and the AuthInfo.
- The Registry will have to validate that the AuthInfo isn't more than 30 days old and that the domain name is not locked by any other reasons.
- If the previous conditions are met, the Registry will change the domain state to *pendingTransfer* and it will remain in this state for the following 5 days unless it is rejected by the current Registrar. For this purpose, when the Registry receive the transfer request, will issue a POLL message to the current Registrar notifying that a transfer request has been received and this MUST be notified to the domain's contacts.
- If ANY of the domain's contacts rejects the transfer in the following 5 days, the current Registrar MUST notify this to the Registry, who will cancel the transfer process.
- If the transfer is rejected, the *pendingTransfer* status will be removed and a notification will be sent to the requesting Registrar.
- If the transfer isn't rejected during the 5 days period, the Registry will perform the domain object transfer and the expiration date will be increased by one year,

being careful not to exceed the maximum domain name renewal period of ten years. The domain object will keep the registrant, contacts and nameservers.

- The Registry will issue a POLL notifying the old Registrar that he doesn't handle the domain anymore and another POLL to the new Registrar notifying that the transfer request has been successful and the domain is now under his control.
- The old Registrar deletes the Domain from its records and notifies the Registrant.
- The new Registrar updates the domain contacts and nameservers.
- After a successful domain transfer, the domain will not be able to be transferred again for a period of 30 days.

Only EPP <transfer> command operation "query", "request" and "reject" are supported ("cancel" and "approve" not supported).

5.4.1. Plain Text AuthInfo Format

We allow any UTF-8 string up to forty eight characters long. Because of usability issues, we RECOMMEND using a restricted character set as follows:

- A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R, S, T, U, V, W, X, Y, Z
- a, b, c, d, e, f, g, h, i, j, k, m, n, p, q, r, s, t, u, v, w, x, y, z
- 2, 3, 4, 5, 6, 7, 8, 9
- +, -, /, *

Where following characters were removed:

- I (i uppercase)
- l (L lowercase)
- O (o uppercase)
- o (O lowercase)

- 0 (zero)
- 1 (one)

The word "PLAIN" (case sensitive) MUST be added at the beginning of the AuthInfo followed by two colon punctuation symbols.

E.g., "PLAIN::ABCDE23456aa" is a valid AuthInfo.

Registrars requesting a domain transfer MUST send the AuthInfo without "PLAIN::" or "SHA256::" prefixes.

5.4.2. Security Considerations Regarding AuthInfo

A Registrar will be able to set an AuthInfo to a domain object in our Registry as plain text or using some cryptographic hash algorithm. At the moment, we only allow the SHA256 hash algorithm, but we COULD add more alternatives in the future.

Hashed AuthInfos MUST start with the hash algorithm used followed by two colon punctuation symbols.

E.g., "SHA256::cf1aa1863d77023ada45447e87efda6e3f99c4bcdef2c4a767a5f451f5bb414c" is a valid AuthInfo.

Every AuthInfo, will be stored hashed in our database. We will never store the original value.

AuthInfo will not be displayed on responses to the Info command, even if the request comes from the Registrar that owns the domain name.

5.4.3. Exceptions

If the Registrant is unable to get an AuthInfo from the current Registrar, it will be possible to request it directly from the Registry. In that case, the Registry will contact the current Registrar to ask more information about their refusal to deliver the AuthInfo. After this, and if the current Registrar still refuses to deliver the AuthInfo, the Registry will provide it directly to the Registrant making the necessary updates to the domain, allowing him to start the transfer process from another Registrar.

5.5. Renewal

To renew a domain name, the domain name itself and its current expiration date MUST be specified. The period of time for which it is being renewed is optional. If there is no period of time specified, a default period of two years will be used.

The following example shows how to renew a domain name for an additional one-year period:

```
C:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
C:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
C:  <command>
C:    <renew>
C:      <domain:renew xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
C:        <domain:name>example.cl</domain:name>
C:        <domain:curExpDate>2020-08-25Z</domain:curExpDate>
C:        <domain:period unit="y">1</domain:period>
C:      </domain:renew>
C:    </renew>
C:  <clTRID>c106685d4ab04cdfbe63a41e799d9d54</clTRID>
C: </command>
C:</epp>
```

5.6. Deletion

To delete a domain name, only the domain name itself MUST be specified. Example:

```
C:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
C:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
C:  <command>
C:    <delete>
C:      <domain:delete xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
C:        <domain:name>example.cl</domain:name>
C:      </domain:delete>
C:    </delete>
C:    <clTRID>887ac862732a48d8a426fbd21c39754b</clTRID>
C:  </command>
C:</epp>
```

6. Contacts

6.1. Creation

The standard command for creating contact can be used. Below is an example showing how to create a contact:

```
C:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
C:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
C:  <command>
C:    <create>
C:      <contact:create xmlns:contact="urn:ietf:params:xml:ns:contact-1.0">
C:        <contact:id>ClientX</contact:id>
C:        <contact:postalInfo type="loc">
C:          <contact:name>John Doe</contact:name>
C:          <contact:addr>
C:            <contact:street>123 Example Dr.</contact:street>
```

```
C:      <contact:city>San Diego</contact:city>
C:      <contact:sp>California</contact:sp>
C:      <contact:cc>us</contact:cc>
C:      </contact:addr>
C:      </contact:postalInfo>
C:      <contact:voice>+56.29407730</contact:voice>
C:      <contact:email>john.doe@example.cl</contact:email>
C:      <contact:authInfo>
C:      <contact:pw>IUUYQWX87121Zaa</contact:pw>
C:      </contact:authInfo>
C:      </contact:create>
C:      </create>
C:      <clTRID>5c44c638bc2c43788dc4f14b82e678e5</clTRID>
C:      </command>
C: </epp>
```

7. Messages from the Registry to the Registrar

The registry may generate the following messages to the registrars regarding domain name changes.

7.1. clpoll extension

This extension replaces the old pollryrr extension.

More info and examples in Domain general polls and Domain dispute polls sections.

7.2. MegaPollType

This poll type is now DEPRECATED.

7.3. Domain transfer polls

This poll messages are intended to notify the registrar about received transfer requests for any of his domains and the status changes due to this situation.

Also, domain awards due to a transfer requests will be notified by this way.

7.3.1. Domain transfer request

This poll is issued to the sponsoring registrar when a transfer request is received for a domain under his control.

Transfer Request Poll Example:

```
S: <?xml version="1.0" encoding="UTF-8" standalone="no"?>
S: <epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:   <response>
S:     <result code="1301">
S:       <msg>Command completed successfully; ack to dequeue</msg>
S:     </result>
S:     <msgQ count="1" id="104">
S:       <qDate>2017-03-13T20:44:00.000Z</qDate>
S:       <msg>Transfer Requested.</msg>
S:     </msgQ>
S:     <resData>
S:       <domain:trnData xsi:schemaLocation="urn:ietf:params:xml:ns:domain-1.0 domain-1.0.xsd"
S:         xmlns:domain="urn:ietf:params:xml:ns:domain-1.0"
S:         xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
S:         <domain:name>domain.cl</domain:name>
S:         <domain:trStatus>pending</domain:trStatus>
S:         <domain:reID>registrar2</domain:reID>
S:         <domain:reDate>2017-03-13T20:44:00.967Z</domain:reDate>
S:         <domain:acID>registrar1</domain:acID>
S:         <domain:acDate>2017-03-19T02:59:59.000Z</domain:acDate>
S:       </domain:trnData>
S:     </resData>
S:     <trID>
S:       <clTRID>4a7a005171f7535c52232ecd27fd4175093ceb3d</clTRID>
S:       <svTRID>aed24ac90b734a94ba2af6daf6356f2d</svTRID>
S:     </trID>
S:   </response>
S: </epp>
```


7.3.2. Domain transfer reject

If an owner issues a transfer reject, the sponsoring registrar MUST send a transfer reject command to the registry. Then, the registry will notify the reject to the requesting registrar using this poll message. Example:

```

S: <epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:   <response>
S:     <result code="1301">
S:       <msg>Command completed successfully; ack to dequeue</msg>
S:     </result>
S:     <msgQ count="1" id="74">
S:       <qDate>2017-03-03T17:47:28.000Z</qDate>
S:       <msg>Transfer has been rejected.</msg>
S:     </msgQ>
S:     <resData>
S:       <domain:trnData xsi:schemaLocation="urn:ietf:params:xml:ns:domain-1.0 domain-1.0.xsd"
S:         xmlns:domain="urn:ietf:params:xml:ns:domain-1.0"
S:         xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
S:         <domain:name>domain.cl</domain:name>
S:         <domain:trStatus>clientRejected</domain:trStatus>
S:         <domain:reID>registrar2</domain:reID>
S:         <domain:reDate>2017-03-02T14:07:57.000Z</domain:reDate>
S:         <domain:acID>registar1</domain:acID>
S:         <domain:acDate>2017-03-03T17:47:28.478Z</domain:acDate>
S:       </domain:trnData>
S:     </resData>
S:     <trID>
S:       <clTRID>350e69a9373162490c2c80036b86ae57a302d3d7</clTRID>
S:       <svTRID>266ba3822c1d4fd293f1c05a1acdc17d</svTRID>
S:     </trID>
S:   </response>
S: </epp>

```

7.3.3. Domain transfer approve

This poll is issued to the sponsoring registrar if no transfer reject command was received, notifying him the domain name is no longer under his control. Example:

```

S: <epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:   <response>
S:     <result code="1301">
S:       <msg>Command completed successfully; ack to dequeue</msg>
S:     </result>
S:     <msgQ count="10" id="119">
S:       <qDate>2017-03-27T15:58:14.000Z</qDate>
S:       <msg>Time period to cancel Transfer has been expired.</msg>
S:     </msgQ>
S:     <resData>
S:       <domain:trnData xsi:schemaLocation="urn:ietf:params:xml:ns:domain-1.0
domain-1.0.xsd" xmlns:domain="urn:ietf:params:xml:ns:domain-1.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
S:         <domain:name>domain.cl</domain:name>
S:         <domain:trStatus>serverApproved</domain:trStatus>
S:         <domain:reID>registrar2</domain:reID>
S:         <domain:reDate>2017-03-02T14:07:57.000Z</domain:reDate>
S:         <domain:acID>registrar1</domain:acID>
S:         <domain:acDate>2017-03-27T15:58:14.672Z</domain:acDate>
S:       </domain:trnData>
S:     </resData>
S:     <trID>
S:       <clTRID>dbb2cd7d289632024b7e7c8d01aebe4fbbf67a4b</clTRID>
S:       <svTRID>ef24410814984bae90b04e2277f36952</svTRID>
S:     </trID>
S:   </response>
S: </epp>
S:

```

7.3.4. Domain awarded

This poll is issued to the requesting registrar (new sponsor) after a domain transfer request has been approved.

Domain Awarded Poll Example:

```
S: <?xml version="1.0" encoding="UTF-8" standalone="no"?>
S: <epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:   <response>
S:     <result code="1301">
S:       <msg>Command completed successfully; ack to dequeue</msg>
S:     </result>
S:     <msgQ count="9" id="128">
S:       <qDate>2017-03-27T15:58:14.000Z</qDate>
S:       <msg>Transfer Approved.</msg>
S:     </msgQ>
S:     <resData>
S:       <domain:trnData xsi:schemaLocation="urn:ietf:params:xml:ns:domain-1.0
domain-1.0.xsd" xmlns:domain="urn:ietf:params:xml:ns:domain-1.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
S:         <domain:name>domain.cl</domain:name>
S:         <domain:trStatus>serverApproved</domain:trStatus>
S:         <domain:reID>registrar2</domain:reID>
S:         <domain:reDate>2017-03-02T19:01:33.000Z</domain:reDate>
S:         <domain:acID>registrar1</domain:acID>
S:         <domain:acDate>2017-03-27T15:58:14.937Z</domain:acDate>
S:       </domain:trnData>
S:     </resData>
S:     <trID>
S:       <clTRID>f80b8333a2b11d9e8b5193d7a4d22668333dbf7f</clTRID>
S:       <svTRID>c8df4049894846d8826b426604f834d9</svTRID>
S:     </trID>
S:   </response>
S: </epp>
```

7.4. Domain general polls

7.4.1. Domain Expired

This message is issued when the domain expiration date has been exceeded and the domain enters in redemption period. The domain is also removed from .cl zone.

Example:

```
S: <epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:   <response>
S:     <result code="1301">
S:       <msg>Command completed successfully; ack to dequeue</msg>
S:     </result>
S:     <msgQ count="1" id="127">
S:       <qDate>2017-04-06T15:00:55.000Z</qDate>
S:     </msgQ>
S:     <resData>
S:       <clpoll:changeState xmlns:clpoll="urn:ietf:params:xml:ns:clpoll-1.0"
S:         xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
S:         xsi:schemaLocation="urn:ietf:params:xml:ns:clpoll-1.0 clpoll-1.0.xsd">
S:         <clpoll:domain>
S:           <clpoll:roid>149-NIC</clpoll:roid>
S:           <clpoll:name>domain.cl</clpoll:name>
S:         </clpoll:domain>
S:         <clpoll:status>pendingDelete</clpoll:status>
S:         <clpoll:rgpStatus>redemptionPeriod</clpoll:rgpStatus>
S:         <clpoll:reason>Domain deleted.</clpoll:reason>
S:       </clpoll:changeState>
S:     </resData>
S:     <trID>
S:       <clTRID>chile-poll-1480558393359-tokf</clTRID>
S:       <svTRID>b289f36478fa44c5a4c5953af061ee30</svTRID>
S:     </trID>
S:   </response>
S: </epp>
```

7.4.2. Domain Redemption Period Ended

This message is issued when no restore request was received during the time that the redemption period last.

Example:

```
S: <epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:   <response>
S:     <result code="1301">
S:       <msg>Command completed successfully; ack to dequeue</msg>
S:     </result>
S:     <msgQ count="1" id="127">
S:       <qDate>2017-04-06T15:00:55.000Z</qDate>
S:     </msgQ>
S:     <resData>
S:       <clpoll:changeState xsi:schemaLocation="urn:ietf:params:xml:ns:clpoll-1.0 clpoll-
S:         1.0.xsd" xmlns:clpoll="urn:ietf:params:xml:ns:clpoll-1.0"
S:         xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
S:         <clpoll:domain>
S:           <clpoll:roid>XXXXXX-NIC</clpoll:roid>
S:           <clpoll:name>domain.cl</clpoll:name>
S:         </clpoll:domain>
S:         <clpoll:status>pendingDelete</clpoll:status>
S:         <clpoll:rgpStatus>pendingDelete</clpoll:rgpStatus>
S:         <clpoll:reason>Closed Redemption</clpoll:reason>
S:       </clpoll:changeState>
S:     </resData>
S:     <trID>
S:       <clTRID>chile-poll-1480558393359-tokf</clTRID>
S:       <svTRID>b289f36478fa44c5a4c5953af061ee30</svTRID>
S:     </trID>
S:   </response>
S: </epp>
```

7.5. Domain dispute polls

Some claimant, using NIC Chile's Electronic Arbitration System, can start a domain dispute. As the process advance through different stages, relevant changes regarding domain status will be notified to the sponsoring registrar using clpoll EPP extension.

Next you will find some examples of this poll messages.

7.5.1. Domain in Dispute

This message is issued when a request is submitted for revoking a registered domain name.
Example:

```
S: <epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:   <response>
S:     <result code="1301">
S:       <msg>Command completed successfully; ack to dequeue</msg>
S:     </result>
S:     <msgQ count="2" id="125">
S:       <qDate>2017-04-06T14:32:25.000Z</qDate>
S:     </msgQ>
S:     <resData>
S:       <clpoll:changeState xmlns:clpoll="urn:ietf:params:xml:ns:clpoll-1.0"
S:         xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
S:         xsi:schemaLocation="urn:ietf:params:xml:ns:clpoll-1.0 clpoll-1.0.xsd">
S:         <clpoll:domain>
S:           <clpoll:roid>YYY-NIC</clpoll:roid>
S:           <clpoll:name>domain.cl</clpoll:name>
S:         </clpoll:domain>
S:         <clpoll:status>serverDeleteProhibited</clpoll:status>
S:         <clpoll:status>serverTransferProhibited</clpoll:status>
S:         <clpoll:disputeStatus>inDispute</clpoll:disputeStatus>
S:         <clpoll:reason>Domain in dispute. Registrant cloned. New handle: ZZZ-
S:           RCAL</clpoll:reason>
S:       </clpoll:changeState>
S:     </resData>
S:     <trID>
S:       <clTRID>chile-poll-1480558393359-tokf</clTRID>
S:       <svTRID>d16b40de7d6849989d97696c40c26520</svTRID>
S:     </trID>
S:   </response>
S: </epp>
```

7.5.2. Domain Dispute Withdrawed

This message is issued to the sponsoring registrar after a complainant desists of his complaint, leaving the domain in its original state. Example:

```

S: <epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:   <response>
S:     <result code="1301">
S:       <msg>Command completed successfully; ack to dequeue</msg>
S:     </result>
S:     <msgQ count="2" id="125">
S:       <qDate>2017-04-06T14:32:25.000Z</qDate>
S:     </msgQ>
S:     <resData>
S:       <clpoll:changeState xmlns:clpoll="urn:ietf:params:xml:ns:clpoll-1.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:ietf:params:xml:ns:clpoll-1.0 clpoll-1.0.xsd">
S:         <clpoll:domain>
S:           <clpoll:roid>XXXXXXX-NIC</clpoll:roid>
S:           <clpoll:name>domain.cl</clpoll:name>
S:         </clpoll:domain>
S:         <clpoll:status>ok</clpoll:status><!-- AND OTHER STATUS -->
S:         <clpoll:disputeStatus causeDisputeTermination=
"disputeDismissed">disputeClosed</clpoll:disputeStatus>
S:         <clpoll:reason>Dispute Closed</clpoll:reason>
S:       </clpoll:changeState>
S:     </resData>
S:     <trID>
S:       <clTRID>chile-poll-1480558393359-tokf</clTRID>
S:       <svTRID>d16b40de7d6849989d97696c40c26520</svTRID>
S:     </trID>
S:   </response>
S: </epp>

```


7.5.3. Domain Dispute Ended, holder keeps the domain

This message is issued to the sponsoring registrar when an outstanding dispute on the domain name has been decided and no change to the domain holder is to be made. Example:

```
S:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:  <response>
S:    <result code="1301">
S:      <msg>Command completed successfully; ack to dequeue</msg>
S:    </result>
S:    <msgQ count="2" id="125">
S:      <qDate>2017-04-06T14:32:25.000Z</qDate>
S:    </msgQ>
S:    <resData>
S:      <clpoll:changeState xmlns:clpoll="urn:ietf:params:xml:ns:clpoll-1.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:ietf:params:xml:ns:clpoll-1.0 clpoll-1.0.xsd">
S:        <clpoll:domain>
S:          <clpoll:roid>XXXXXX-NIC</clpoll:roid>
S:          <clpoll:name>domain.cl</clpoll:name>
S:        </clpoll:domain>
S:        <clpoll:status>ok</clpoll:status><!-- AND OTHER STATUS -->
S:        <clpoll:disputeStatus causeDisputeTermination =
"keepsDomainName">disputeClosed</clpoll:disputeStatus>
S:        <clpoll:reason>Dispute Closed</clpoll:reason>
S:        <clpoll:reason>Complaint denied, holder keeps the domain</clpoll:reason>
S:      </clpoll:changeState>
S:    </resData>
S:    <trID>
S:      <clTRID>chile-poll-1480558393359-tokf</clTRID>
S:      <svTRID>d16b40de7d6849989d97696c40c26520</svTRID>
S:    </trID>
S:  </response>
S:</epp>
```

7.5.4. Domain Dispute Ended, domain awarded to complainant

This message is issued when a dispute relating to the domain name has been decided and the domain name has been assigned to the claimant. In this case, the registrar who was holding the domain name receives a message informing that the domain name has been deleted as the result of an arbitration award. Example:

```
S:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:  <response>
S:    <result code="1301">
S:      <msg>Command completed successfully; ack to dequeue</msg>
S:    </result>
S:    <msgQ count="2" id="125">
S:      <qDate>2017-04-06T14:32:25.000Z</qDate>
S:    </msgQ>
S:    <resData>
S:      <clpoll:changeState xsi:schemaLocation="urn:ietf:params:xml:ns:clpoll-1.0 clpoll-
1.0.xsd" xmlns:clpoll="urn:ietf:params:xml:ns:clpoll-1.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
S:        <clpoll:domain>
S:          <clpoll:roid>XXXXXXX-NIC</clpoll:roid>
S:          <clpoll:name>domain.cl</clpoll:name>
S:        </clpoll:domain>
S:        <clpoll:status>inactive</clpoll:status><!-- AND OTHER STATUS -->
S:        <clpoll:disputeStatus causeDisputeTermination =
"transferredToComplainant">disputeClosed</clpoll:disputeStatus>
S:        <clpoll:reason>Domain name transferred to the complainant</clpoll:reason>
S:      </clpoll:changeState>
S:    </resData>
S:    <trID>
S:      <clTRID>chile-poll-1480558393359-tokf</clTRID>
S:      <svTRID>d16b40de7d6849989d97696c40c26520</svTRID>
S:    </trID>
S:  </response>
S:</epp>
```

8. Optional Extensions

8.1. Contacts

The extension “clcontact:asigInfo” can be used to specify an identity document. The identity document MUST include the name of the country that issued the ID, the type of person, and the document number.

< THIS EXTENSION IS OPTIONAL AND IT WILL BE DEPRECATED SOON >

Example showing how to create a contact specifying the corresponding commune and identity document:

```
C:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
C:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
C:  <command>
C:    <create>
C:      <contact:create xmlns:contact="urn:ietf:params:xml:ns:contact-1.0">
C:        <contact:id>NIC000000973752</contact:id>
C:        <contact:postalInfo type="loc">
C:          <contact:name>Example Company</contact:name>
C:          <contact:addr>
C:            <contact:street>123 Example Dr.</contact:street>
C:            <contact:city>Santiago</contact:city>
C:            <contact:sp>Región Metropolitana</contact:sp>
C:            <contact:cc>cl</contact:cc>
C:          </contact:addr>
C:        </contact:postalInfo>
C:        <contact:voice>+56.229407700</contact:voice>
C:        <contact:email>info@nic.cl</contact:email>
C:        <contact:authInfo>
```

```
C:      <contact:pw>POIIOPIWQNS</contact:pw>
C:      </contact:authInfo>
C:      </contact:create>
C:      </create>
C:      <extension>
C:      <clcontact:create xmlns:clcontact="urn:ietf:params:xml:ns:clcontact-1.0">
C:      <clcontact:asigInfo>
C:      <clcontact:documento tipoDocumento="r" paisEmisor="cl">60910000-
1</clcontact:documento>
C:      <clcontact:tipoPersona>n</clcontact:tipoPersona>
C:      </clcontact:asigInfo>
C:      </clcontact:create>
C:      </extension>
C:      <clTRID>eb584b9eab0f4dbf9455b40085f971e9</clTRID>
C: </command>
C:</epp>
```

9. EPP Examples

9.1. Create Contact

Command:

```
C:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
C:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
C:  <command>
C:    <create>
C:      <contact:create xmlns:contact="urn:ietf:params:xml:ns:contact-1.0">
C:        <contact:id>ClientX</contact:id>
C:        <contact:postalInfo type="loc">
C:          <contact:name>John Doe</contact:name>
C:          <contact:org>Example Inc.</contact:org>
C:          <contact:addr>
C:            <contact:street>123 Example Dr.</contact:street>
```

```
C:      <contact:city>Los Angeles</contact:city>
C:      <contact:sp>California</contact:sp>
C:      <contact:pc>90028</contact:pc>
C:      <contact:cc>us</contact:cc>
C:      </contact:addr>
C:      </contact:postalInfo>
C:      <contact:voice>+1.7034444444</contact:voice>
C:      <contact:email>jdoe@example.cl</contact:email>
C:      <contact:authInfo>
C:      <contact:pw>xGkn31rZY0</contact:pw>
C:      </contact:authInfo>
C:      </contact:create>
C:      </create>
C:      <clTRID>dc4361f870794220ba54970324de9b11</clTRID>
C: </command>
C:</epp>
```

Response:

```
S:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
S:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:  <response>
S:    <result code="1000">
S:      <msg>Command completed successfully</msg>
S:    </result>
S:    <msgQ count="11" id="1"/>
S:    <resData>
S:      <contact:creData xmlns:contact="urn:ietf:params:xml:ns:contact-1.0">
S:        <contact:id>ClientX</contact:id>
S:        <contact:crDate>2016-02-24T17:37:41.547-03:00</contact:crDate>
S:      </contact:creData>
S:    </resData>
S:    <trID>
S:      <clTRID>dc4361f870794220ba54970324de9b11</clTRID>
S:      <svTRID>e13012c3101341e3bca1dd3f1c600bd7</svTRID>
```

```
S:    </trID>
S:    </response>
S:</epp>
```

9.2. Create Domain with invalid Plain AuthInfo

Command:

```
C:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
C:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
C:  <command>
C:    <create>
C:      <domain:create xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
C:        <domain:name>nA8SE0OoO6yJwHfWl7nSgNnWWj0t0mjh.cl</domain:name>
C:        <domain:registrar>ContactX</domain:registrar>
C:        <domain:contact type="admin">ContactX</domain:contact>
C:        <domain:contact type="tech">ContactY</domain:contact>
C:        <domain:contact type="billing">ContactZ</domain:contact>
C:        <domain:authInfo>
C:          <domain:pw>MD5::abcDeFghjkm2</domain:pw>
C:        </domain:authInfo>
C:      </domain:create>
C:    </create>
C:  <clTRID>3a480f156fb94e769774110526947b22</clTRID>
C: </command>
C:</epp>
```

Response:

```
S:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
S:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:  <response>
S:    <result code="2202">
```

```
S:      <msg>Invalid authorization information</msg>
S:      <value>
S:        <text xmlns="">Unsupported hash method</text>
S:      </value>
S:    </result>
S:    <trID>
S:      <clTRID>3a480f156fb94e769774110526947b22</clTRID>
S:      <svTRID>7a8fe13clef84f8caf446012b42fa153</svTRID>
S:    </trID>
S:  </response>
S: </epp>
```

The AuthInfo “MD5::abcDeFghjklm12” contains an unsupported hash method: MD5

9.3. Create Domain with valid Plain AuthInfo

Command:

```
C: <?xml version="1.0" encoding="UTF-8" standalone="no"?>
C: <epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
C:   <command>
C:     <create>
C:       <domain:create xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
C:         <domain:name>Niaj8LpPHdU9zMKLxFRff47XlTv90PWt.cl</domain:name>
C:         <domain:registrant>ClientX</domain:registrant>
C:         <domain:contact type="admin">ClientX</domain:contact>
C:         <domain:contact type="tech">ClientY</domain:contact>
C:         <domain:contact type="billing">ClientZ</domain:contact>
C:         <domain:authInfo>
C:           <domain:pw>PLAIN::xZF4YX6W200dHC6wDs4G</domain:pw>
C:         </domain:authInfo>
C:       </domain:create>
C:     </create>
C:   <clTRID>b233b6ccaf9949e9b102bcdc013171f2</clTRID>
```

```
C: </command>
C:</epp>
```

Response:

```
S:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
S:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:  <response>
S:    <result code="1000">
S:      <msg>Command completed successfully</msg>
S:    </result>
S:    <msgQ count="11" id="1"/>
S:    <resData>
S:      <domain:creData xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
S:        <domain:name>niaj8lpphdu9zmk1xfrff47xltv90pwt.cl</domain:name>
S:        <domain:crDate>2016-02-25T18:10:02.712Z</domain:crDate>
S:        <domain:exDate>2018-02-25T18:10:02.712Z</domain:exDate>
S:      </domain:creData>
S:    </resData>
S:    <extension xsi:schemaLocation="urn:ietf:params:xml:ns:cldomain-1.0 cldomain-1.0.xsd">
S:      <cldomain:creData xmlns:cldomain="urn:ietf:params:xml:ns:cldomain-1.0">
S:        <cldomain:roid>1934763-NIC</cldomain:roid>
S:      </cldomain:creData>
S:    </extension>
S:    <trID>
S:      <clTRID>b233b6ccaf9949e9b102bcd013171f2</clTRID>
S:      <svTRID>8269e68b3e3f4c549fec4a0f0098d6f7</svTRID>
S:    </trID>
S:  </response>
S:</epp>
```

Domain creation is completed successfully. We don't store plain AuthInfos in our database, the password will be hashed before it is saved.

9.4. Update Domain with invalid Plain AuthInfo

Command:

```
C:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
C:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
C:  <command>
C:    <create>
C:      <domain:create xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
C:        <domain:name>l05eW8AyLZB7SmJzGnIhkZvsz1WoU7v5.cl</domain:name>
C:        <domain:registrar>ContactX</domain:registrar>
C:        <domain:contact type="admin">ContactX</domain:contact>
C:        <domain:contact type="tech">ContactY</domain:contact>
C:        <domain:contact type="billing">ContactZ</domain:contact>
C:        <domain:authInfo>
C:        <domain:pw>PLAIN::xZF4YX6W200dHC6wDs4GIiMm2ma4UX7oLR667SFNJ0bLCm7QDcdB2s0WX8U0fns1zcp8KOjzh2PE9
C:        5ty</domain:pw>
C:        </domain:authInfo>
C:      </domain:create>
C:    </create>
C:    <clTRID>6a8b02066b124f718de687c8a67d4b09</clTRID>
C:  </command>
</epp>
```

Response:

```
S:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
S:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:  <response>
S:    <result code="2202">
S:      <msg>Invalid authorization information</msg>
S:      <value>
S:        <text xmlns="">Invalid authorization information</text>
S:      </value>
```

```
S:    </result>
S:    <trID>
S:      <clTRID>6a8b02066b124f718de687c8a67d4b09</clTRID>
S:      <svTRID>fb020344fc7c4c9d8ff2638ec962d456</svTRID>
S:    </trID>
S:  </response>
S:</epp>
```

In this case, the command fails because the AuthInfo password is too long.

9.5. Update Domain with valid Plain AuthInfo

Command:

```
C:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
C:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
C:  <command>
C:    <update>
C:      <domain:update xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
C:        <domain:name>niaj8lpphdu9zmk1xfrff47xltv90pwt.cl</domain:name>
C:        <domain:chg>
C:          <domain:authInfo>
C:            <domain:pw>PLAIN::xZF4YX6W20OdHC6wDs4GIiMm2ma4UX7oLR667SFN</domain:pw>
C:          </domain:authInfo>
C:        </domain:chg>
C:      </domain:update>
C:    </update>
C:  <clTRID>32a333afcc3248cfa4660a6c1cc770b0</clTRID>
C: </command>
C:</epp>
```

Response:

```
S:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
S:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:  <response>
S:    <result code="1000">
S:      <msg>Command completed successfully</msg>
S:    </result>
S:    <msgQ count="11" id="1"/>
S:    <trID>
S:      <clTRID>32a333afcc3248cfa4660a6c1cc770b0</clTRID>
S:      <svTRID>c716d3778e99405b85a77a993038990f</svTRID>
S:    </trID>
S:  </response>
S:</epp>
```

9.6. Transfer request with valid Plain AuthInfo

Command:

```
C:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
C:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
C:  <command>
C:    <transfer op="request">
C:      <domain:transfer xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
C:        <domain:name>niaj8lpphdu9zmk1xfrff47xltv90pwt.cl</domain:name>
C:        <domain:authInfo>
C:          <domain:pw>xZF4YX6W2OodHC6wDs4GIiMm2ma4UX7oLR667SFN</domain:pw>
C:        </domain:authInfo>
C:      </domain:transfer>
C:    </transfer>
C:    <clTRID>e74f97b8e3034973aafa9fa2f745e716</clTRID>
C:  </command>
C:</epp>
```

Response:

```
S:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
S:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:  <response>
S:    <result code="1000">
S:      <msg>Command completed successfully</msg>
S:    </result>
S:    <resData>
S:      <domain:trnData xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
S:        <domain:name>niaj8lpphdu9zmk1xfrff47xltv90pwt.cl</domain:name>
S:        <domain:trStatus>serverApproved</domain:trStatus>
S:        <domain:reID>RegistrarB-ClientX</domain:reID>
S:        <domain:reDate>2016-02-25T18:17:49.818Z</domain:reDate>
S:        <domain:acID>RegistrarA-ClientX</domain:acID>
S:        <domain:acDate>2016-02-25T18:17:49.818Z</domain:acDate>
S:      </domain:trnData>
S:    </resData>
S:    <trID>
S:      <clTRID>e74f97b8e3034973aafa9fa2f745e716</clTRID>
S:      <svTRID>dcb5430fd828432d91dc994088ea1bab</svTRID>
S:    </trID>
S:  </response>
S:</epp>
```

9.7. Transfer request with expired Plain AuthInfo

Last AuthInfo update: 2016-01-20 00:00:00
Command issue time: 2016-02-25 13:22:00

```
C:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
C:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
C:  <command>
```

```
C: <transfer op="request">
C:   <domain:transfer xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
C:     <domain:name>niaj8lpphdu9zmk1xfrff47xltv90pwt.cl</domain:name>
C:     <domain:authInfo>
C:       <domain:pw>xZF4YX6W20OdHC6wDs4GIiMm2ma4UX7oLR667SFN</domain:pw>
C:     </domain:authInfo>
C:   </domain:transfer>
C: </transfer>
C: <clTRID>befd0c0b1f2245748bc62ae6c6b6037b</clTRID>
C: </command>
C:</epp>
```

```
S:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
S:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:  <response>
S:    <result code="2201">
S:      <msg>Authorization error</msg>
S:      <value>
S:        <text xmlns="">Expired AuthInfo</text>
S:      </value>
S:    </result>
S:    <trID>
S:      <clTRID>befd0c0b1f2245748bc62ae6c6b6037b</clTRID>
S:      <svTRID>3a68b69eaba1447982b47aaafcb51f34</svTRID>
S:    </trID>
S:  </response>
S:</epp>
```

Request failed because was sent more than 30 days after the last AuthInfo update.

9.8. Transfer Request using invalid AuthInfo

Valid password: xZF4YX6W2O0dHC6wDs4G

Request password: m2ma4UX7oLR667SFN

Command:

```
C:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
C:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
C:  <command>
C:    <transfer op="request">
C:      <domain:transfer xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
C:        <domain:name>fgrnszcdvprzookfuua4ffdpbasc2ta.cl</domain:name>
C:        <domain:authInfo>
C:          <domain:pw>m2ma4UX7oLR667SFN</domain:pw>
C:        </domain:authInfo>
C:      </domain:transfer>
C:    </transfer>
C:    <clTRID>71db023a3967414b82aac200a5e7f437</clTRID>
C:  </command>
C:</epp>
```

Request:

```
S:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
S:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:  <response>
S:    <result code="2201">
S:      <msg>Authorization error</msg>
S:      <value>
S:        <text xmlns="">Invalid authorization information</text>
S:      </value>
S:    </result>
S:  <trID>
```

```
S:      <clTRID>71db023a3967414b82aac200a5e7f437</clTRID>
S:      <svTRID>9a7db303e8d54c77ac7cfebf153c92d8</svTRID>
S:      </trID>
S:      </response>
S: </epp>
```

9.9. Create Domain with valid SHA256 AuthInfo

Command:

```
C: <?xml version="1.0" encoding="UTF-8" standalone="no"?>
C: <epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
C:   <command>
C:     <create>
C:       <domain:create xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
C:         <domain:name>TimVVUnVR0YmyqvW9n8oo5VR7xwmaoOP.cl</domain:name>
C:         <domain:registrar>ContactX</domain:registrar>
C:         <domain:contact type="admin">ContactX</domain:contact>
C:         <domain:contact type="tech">ContactY</domain:contact>
C:         <domain:contact type="billing">ContactZ</domain:contact>
C:         <domain:authInfo>
C:           <domain:pw>SHA256::7145af31715312462d692b459bd70ccd647a196d30b014200ad8596bb39cd0e5</domain:pw>
C:           </domain:authInfo>
C:         </domain:create>
C:       </create>
C:     <clTRID>c1e6af5f481843028c8a380957677efa</clTRID>
C:   </command>
C: </epp>
```

Response:

```
S:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
S:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:  <response>
S:    <result code="1000">
S:      <msg>Command completed successfully</msg>
S:    </result>
S:    <msgQ count="12" id="1"/>
S:    <resData>
S:      <domain:creData xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
S:        <domain:name>timvvunvr0ymyqvw9n8oo5vr7xwmaoop.cl</domain:name>
S:        <domain:crDate>2016-02-25T18:33:39.669Z</domain:crDate>
S:        <domain:exDate>2018-02-25T18:33:39.669Z</domain:exDate>
S:      </domain:creData>
S:    </resData>
S:    <extension xsi:schemaLocation="urn:ietf:params:xml:ns:cldomain-1.0 cldomain-1.0.xsd">
S:      <cldomain:creData xmlns:cldomain="urn:ietf:params:xml:ns:cldomain-1.0">
S:        <cldomain:roid>1934764-NIC</cldomain:roid>
S:      </cldomain:creData>
S:    </extension>
S:    <trID>
S:      <clTRID>c1e6af5f481843028c8a380957677efa</clTRID>
S:      <svTRID>a252338172114526944757c4ff7e6b1f</svTRID>
S:    </trID>
S:  </response>
S:</epp>
```


9.10. Update Domain with valid SHA256 AuthInfo

Command:

```
C:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
C:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
C:  <command>
C:    <update>
C:      <domain:update xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
C:        <domain:name>timvvunvr0ymyqv9n8oo5vr7xwmaoop.cl</domain:name>
C:        <domain:chg>
C:          <domain:authInfo>
C:            <domain:pw>SHA256::5819b005d5c142ae151889bcbe0872bbdbbeecc26c4785a48e65b04abd7a6926</domain:pw>
C:          </domain:authInfo>
C:        </domain:chg>
C:      </domain:update>
C:    </update>
C:  <clTRID>329c07ab830443f2ae02b8d1322ba078</clTRID>
C: </command>
</epp>
```

Response:

```
S:<?xml version="1.0" encoding="UTF-8" standalone="no"?>
S:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:  <response>
S:    <result code="1000">
S:      <msg>Command completed successfully</msg>
S:    </result>
S:    <msgQ count="12" id="1"/>
S:    <trID>
S:      <clTRID>329c07ab830443f2ae02b8d1322ba078</clTRID>
S:      <svTRID>b62a448d0c0349a9811694e8af109652</svTRID>
```

```
S:    </trID>
S:    </response>
S: </epp>
```

9.11. Transfer Request using valid SHA256 AuthInfo

Command:

```
C: <?xml version="1.0" encoding="UTF-8" standalone="no"?>
C: <epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
C:   <command>
C:     <transfer op="request">
C:       <domain:transfer xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
C:         <domain:name>timvvunvr0ymyqv9n8oo5vr7xwmaoop.cl</domain:name>
C:         <domain:authInfo>
C:           <domain:pw>5819b005d5c142ae151889bcbe0872bbdbbecc26c4785a48e65b04abd7a6926</domain:pw>
C:         </domain:authInfo>
C:       </domain:transfer>
C:     </transfer>
C:     <clTRID>2777bba6d86844adbef554fbd56dde8</clTRID>
C:   </command>
C: </epp>
```

Response:

```
S: <?xml version="1.0" encoding="UTF-8" standalone="no"?>
S: <epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
S:   <response>
S:     <result code="1000">
S:       <msg>Command completed successfully</msg>
S:     </result>
S:     <resData>
```

```
S:      <domain:trnData xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
S:      <domain:name>timvvunvr0ymyqvw9n8oo5vr7xwmaoop.cl</domain:name>
S:      <domain:trStatus>serverApproved</domain:trStatus>
S:      <domain:reID>RegistrarB-ClientX</domain:reID>
S:      <domain:reDate>2016-02-25T18:36:38.914Z</domain:reDate>
S:      <domain:acID>RegistrarA-ClientX</domain:acID>
S:      <domain:acDate>2016-02-25T18:36:38.914Z</domain:acDate>
S:      </domain:trnData>
S:      </resData>
S:      <trID>
S:      <clTRID>2777bba6d86844adbef554fbd56dde8</clTRID>
S:      <svTRID>5c19a5cee26748618cc16b7d5c81f465</svTRID>
S:      </trID>
S:      </response>
S: </epp>
```

10. Contact NIC Chile EPP Team

If you have any questions, please contact us at:

- support@registry.nic.cl
- +56.229407701 Mon. to Thu. 9:00 AM – 17:45 PM, Fri., 09:00 – 14:45 PM (CLT Time)

11. Appendix A: Changelog

A.1. Changes from 1.0.4 to 1.0.5

1. Domain transfer policy updated
2. clcontact extension is now deprecated
3. Contact info updated
4. Megapoll extension is now deprecated
5. Poll descriptions updated

A.2. Changes from 1.0.5 to 1.0.6

1. Removing warnings about functions only available on accreditation environment
2. NIC Chile opening hours updated