



Early Access Program

Registrar Integration Guide

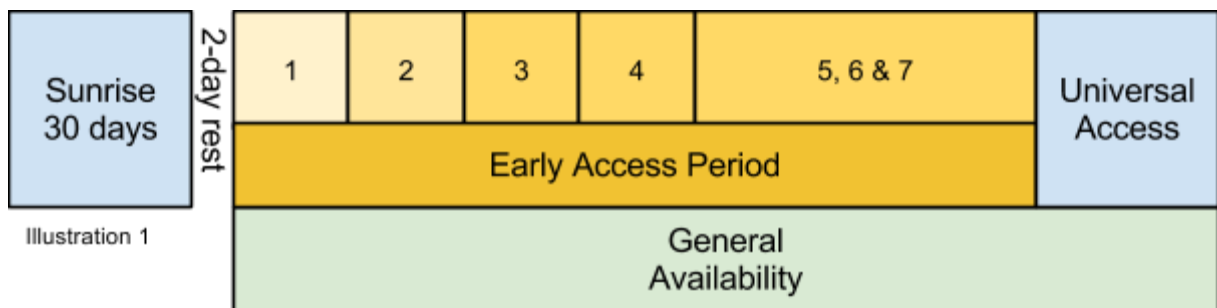
Product Description

One of the more common launch phases for a TLD is the concept of a landrush. In a landrush, registrars will submit applications for domain registrations to the registry as an expression of interest. These applications are held during the landrush phase giving other potential registrants an opportunity to express their desire for the same domain name. If two or more applications for the same domain name are received, the applicants are sent to an auction provider to resolve the contention and the highest bidder is awarded the registration.

Donuts is offering an Early Access Program in lieu of a traditional landrush. The Early Access Program provides registrars and their customers an opportunity to register domain names on a first come, first served basis with a simple, descending, buy-it-now price. By providing this mechanism, registrants substantially increase their chances at getting the specific domain names they want. Competition for the highest value domain names is significantly reduced and registrants get immediate gratification because of the simple buy-it-now mechanism.

Donuts will regularly launch and make available one or more new gTLDs in batches. Each batch of new gTLDs will launch together in parallel and they will all follow the same launch phase pattern.

Following the mandatory sunrise period, the Donuts registry will enter the Early Access Period which is divided into a number of days. When a domain name is registered during this period, an Early Access participation fee is charged in addition to the registration price for the domain name, keeping in mind that a premium domain name has a higher registration fee than a standard priced domain. The Early Access fee for the first day is highest but on each subsequent day the fee drops very rapidly. The fee structure resembles a Dutch Auction, where the price of a product continues to drop in regular intervals.



Early Access Fees

Early Access fees along with applicable registration fees are debited from the registrar's balance on hand. Registrars must have sufficient funds to cover both elements of the transaction in order for the registration to succeed.

Early Access fees are not refundable. Domain registrations deleted within the Add-Grace period, which is the first five days after initial registration, are refunded for the amount of the registration. The refund *does not include* the Early Access fee.

The current fee schedule is:

Day 1: \$10,000

Day 2: \$2,500

Day 3: \$950

Day 4: \$500

Day 5: \$100

Day 6: \$100

Day 7: \$100

Provisioning

A registrar may use either the Registrar web-based administration tools or EPP to participate in the Early Access Program. Registrars need to be aware and acknowledge that an additional fee is going to be charged for each registration during the Early Access period.

EPP Charge Extension

Participating in the Early Access Program through the EPP interface requires a simple extension to the EPP Domain Mapping [[RFC 5731](#)]. It is called the Charge Extension and is a general purpose extension used for any additional charges required to perform an action. The formal syntax and detailed explanation of its use with the EPP protocol are in the following section. For the Early Access Program, this extension provides a mechanism to let registrars query for and confirm what the participation fee is for the current day, prior to submitting a domain registration.

Implementation

EPP Extension

During the Early Access period for a gTLD, the **Charge Extension** will be used to communicate the fees for that gTLD on the particular day. The extension affects the EPP Domain Mapping [[RFC 5731](#)]. Below is a summary of the affected commands. Refer to the Charge Extension documentation for a detailed definition.

domain:check - The extension returns the Early Access fee that will be charged for a successful domain registration. The registration fee is still charged in addition to the Early Access fee, keeping in mind the domain name may be premium.

domain:info - This extension does not affect the info command.

domain:create - During the Early Access Period, the extension causes the domain:create command to require the inclusion of the correct fee for the registration to succeed. This provides a form of acknowledgment on behalf of the Registrar that the fee will be charged, and that they are aware of and accept the amount. Missing, invalid or incorrect amounts cause the command to be rejected.

domain:update - The Early Access Period does not affect the update command.

domain:renew - The Early Access Period does not affect the renew command.

domain:delete - The Early Access Period does not affect the syntax of the delete command. Deletion of a domain name eligible for a refund *does not* also refund the Early Access fee. The Early Access fee is never refunded.

domain:transfer - This extension does not affect the transfer command.

EAP Sample Commands

The samples below only illustrate the specific commands where the charge extension applies to the Early Access Period. In some cases, the syntax of the core EPP commands have been left off for clarity and brevity. In each case, the samples below would be child elements of the EPP command / response <extension> element.

Check Domain Early Access

This example illustrates a domain:check command for two domains in two different TLDs. Each TLD is in a different Early Access period. The domain eap-1.zone is in the EAP 1 period and the EAP fee is \$10,000. The domain eap-2.domains is in the EAP 2 period and the EAP fee is \$5,000. Neither of the domains is premium.

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

```

<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
<response>
  <result code="1000">
    <msg>Command completed successfully</msg>
  </result>
  <resData>
    <domain:chkData
      xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
      <domain:cd>
        <domain:name avail="1">eap-1.zone</domain:name>
      </domain:cd>
      <domain:cd>
        <domain:name avail="1">eap-2.domains</domain:name>
      </domain:cd>
    </domain:chkData>
  </resData>
  <extension>
    <charge:chkData
      xmlns:charge="http://www.unitedtd.com/epp/charge-1.0" xmlns:xsi="http://www.w3.org
/2001/XMLSchema-instance"
      xsi:schemaLocation="http://www.unitedtd.com/epp/charge-1.0 charge-1.0.xsd ">
      <charge:cd>
        <charge:name>eap-1.zone</charge:name>
        <charge:set>
          <charge:category>earlyAccess</charge:category>
          <charge:type>fee</charge:type>
          <charge:amount command="create">10000</charge:amount>
        </charge:set>
      </charge:cd>
      <charge:cd>
        <charge:name>eap-2.domains</charge:name>
        <charge:set>
          <charge:category>earlyAccess</charge:category>
          <charge:type>fee</charge:type>
          <charge:amount command="create">5000</charge:amount>
        </charge:set>
      </charge:cd>
    </charge:chkData>
  </extension>
  <trID>
    <c1TRID>ABC-12345</c1TRID>

```

```

    <svTRID>54322-XYZ</svTRID>
  </trID>
</response>
</epp>

```

Check Premium + EAP

This example illustrates a response to a domain:check command for a premium domain name during the EAP 1 period. The EAP fee for this day is \$10,000 and the registration fee for the premium name is \$1,000. In this response, there are two charge:set nodes, one for the premium fee and one for the EAP fee. If the domain is registered, the total amount charged would be the sum of the two fees: \$11,000.

```

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
  <epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
    <response>
      <result code="1000">
        <msg>Command completed successfully</msg>
      </result>
      <resData>
        <domain:chkData
          xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
          <domain:cd>
            <domain:name avail="1">premium-eap-1.zone</domain:name>
          </domain:cd>
        </domain:chkData>
      </resData>
      <extension>
        <charge:chkData
xmlns:charge="http://www.unitedtld.com/epp/charge-1.0"xmlns:xsi="http://www.w3.org
/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.unitedtld.com/epp/charge-1.0 charge-1.0.xsd ">
        <charge:cd>
          <charge:name>premium-eap-1.zone</charge:name>
          <charge:set>
            <charge:category>earlyAccess</charge:category>
            <charge:type>fee</charge:type>
            <charge:amount command="create">10000</charge:amount>
          </charge:set>
          <charge:set>
            <charge:category name="AAAA">premium</charge:category>
            <charge:type>price</charge:type>
            <charge:amount command="create">1000</charge:amount>

```

```

    <charge:amount command="renew">1000</charge:amount>
    <charge:amount command="transfer">1000</charge:amount>
    <charge:amount command="custom" name="restore">40</charge:amount>
  </charge:set>
</charge:cd>
</charge:chkData>
</extension>
  <trID>
    <c1TRID>ABC-12345</c1TRID>
    <svTRID>54322-XYZ</svTRID>
  </trID>
</response>
</epp>

```

Create Request

When sending a domain:create command for a domain name during an EAP period, EPP clients must acknowledge the fees received from the domain:check command and agree to the charges.

To do that, include the charge:agreement element, illustrated below, as a child of the <extension> element of the domain:create command. In this example, the XML snippet as agreeing to the EAP fee of \$10,000 and the premium registration fee of \$1,000.

```

<charge:agreement
xmlns:charge="http://www.unitedld.com/epp/charge-1.0"xmlns:xsi="http://www.w3.org
/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.unitedld.com/epp/charge-1.0 charge-1.0.xsd">
  <charge:set>
    <charge:category>earlyAccess</charge:category>
    <charge:type>fee</charge:type>
    <charge:amount command="create">10000</charge:amount>
  </charge:set>
  <charge:set>
    <charge:category name="AAAA">premium</charge:category>
    <charge:type>price</charge:type>
    <charge:amount command="create">1000</charge:amount>
  </charge:set>
</charge:agreement>

```

Create Response

When a domain:create containing a correct charge:agreement extension (above) is

successfully processed, the server will respond with the following confirmation as part of the charge extension.

```
<charge:creData
xmlns:charge="http://www.unitedld.com/epp/charge-1.0"xmlns:eppcom="urn:ietf:params:xml:ns:eppcom-1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.unitedld.com/epp/charge-1.0 charge-1.0.xsd ">
  <charge:set>
    <charge:category>earlyAccess</charge:category>
    <charge:type>fee</charge:type>
    <charge:amount command="create">10000</charge:amount>
  </charge:set>
  <charge:set>
    <charge:category name="AAAA">premium</charge:category>
    <charge:type>price</charge:type>
    <charge:amount command="create">1000</charge:amount>
  </charge:set>
</charge:creData>
```

Other EPP Considerations

The Early Access Program does not affect or interact with other EPP object mappings or extensions, including the Grace Period Mapping [[RFC 3915](#)].

Service Dependencies

The Early Access Program neither depends on nor requires additions to WHOIS, DNS, DNSSEC, Escrow or other registry services beyond what is described in this document.

Registrar Management

Web-based Tools

The Registrar web site includes support for TLDs that are in the Early Access Period. The Early Access fee is communicated at the time of registration and the Registrar is required to check a box during the registration process to indicate acceptance of the fee.