

EPP Allocation Token Extension (RFC 8495)

An "Auction Phase" is being added to the .sk domain lifecycle. During this phase, the winner of a domain auction will receive a registration code, which they must provide to the Registrar to register the domain (similar to the AuthInfo code used when doing transfers between Registrars).

This registration code will be implemented via a new EPP extension—the "Allocation Token"—in accordance with the RFC 8495 specification. Detailed technical information and examples of EPP commands, along with sample responses for this extension, are provided below.

<check> Command for Domain

If the domain has an allocation token assigned (i.e. if it is in the auction phase), this token must be sent with the <check> request.

If an invalid token is sent or the token is missing, the domain will be evaluated as unavailable and the EPP response will contain the following reason: "Allocation Token is incorrect".

(Note: If the domain has an invalid name, standard error 2005 and the message "'{domain}' is not a valid domain name" will be returned.)

Request Example:

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
  <command>
    <check>
      <domain:check xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
        <domain:name>example.sk</domain:name>
      </domain:check>
    </check>
    <extension>
      <allocationToken:allocationToken
        xmlns:allocationToken="urn:ietf:params:xml:ns:allocationToken-1.0">
        token12345
      </allocationToken:allocationToken>
    </extension>
    <clTRID>ABC-12345</clTRID>
  </command>
</epp>
```

Response Example (Invalid Token):

```
<?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="0">example.sk</domain:name>
          <domain:reason>Allocation Token is incorrect</domain:reason>
        </domain:cd>
      </domain:chkData>
    </resData>
    <trID>
      <clTRID>ABC-12345</clTRID>
      <svTRID>54321-XYZ</svTRID>
    </trID>
  </response>
</epp>
```

<info> Command for Domain

The <info> command cannot be used with an allocation token because the requesting entity lacks the necessary authorizations. Only the <check> command can be used.

<create> Command for Domain

If an allocation token exists for the domain (i.e., it is in the auction phase), the system verification includes it when processing this command. The token holds the value of the registration code obtained by the winner of the .sk domain auction.

- If the allocation token is incorrect (or missing, and the AuthInfo code-based workaround contains an invalid value—see below), error 2201 is returned with the message "The allocation token is incorrect"
- If the allocation token is missing (and the AuthInfo code-based workaround is also missing—see below), error 2304 is returned with the message "An allocation token is required for this domain"
- A workaround has been implemented for the .sk domain Central Registry: the registration code value may also be submitted as the AuthInfo code value; if the allocation token element is not found, it will be accepted if present in the AuthInfo

code element. However, for the sake of distinguishing services and processes within the registrar's client system, using the standard allocation token implementation is preferable.

Upon successful domain registration, the allocation token is invalidated (i.e., no token is assigned for subsequent operations), as it serves a one-time purpose only.

Request Example:

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
  <command>
    <create>
      <domain:create xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
        <domain:name>example.sk</domain:name>
        <!-- ... other domain elements ... -->
      </domain:create>
    </create>
    <extension>
      <allocationToken:allocationToken
        xmlns:allocationToken="urn:ietf:params:xml:ns:allocationToken-1.0">
        token12345
      </allocationToken:allocationToken>
    </extension>
    <clTRID>ABC-12346</clTRID>
  </command>
</epp>
```

Response Example - Missing Token (2304):

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
  <response>
    <result code="2304">
      <msg>Object status prohibits operation</msg>
    </result>
    <trID>
      <clTRID>ABC-12346</clTRID>
      <svTRID>54322-XYZ</svTRID>
    </trID>
  </response>
</epp>
```