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<?xml version="1.0" encoding="UTF-8" ?>
- <schema targetNamespace="urn:ietf:params:xml:ns:secDNS-1.1"
  xmlns:secDNS="urn:ietf:params:xml:ns:secDNS-1.1"
  xmlns="http://www.w3.org/2001/XMLSchema"
  elementFormDefault="qualified">
- <annotation>
  <documentation>Extensible Provisioning Protocol v1.0 domain name
    extension schema for provisioning DNS security (DNSSEC)
    extensions.</documentation>
</annotation>
- <!--
  Child elements found in EPP commands.

-->
<element name="create" type="secDNS:dsOrKeyType" />
<element name="update" type="secDNS:updateType" />
- <!--
  Child elements supporting either the
  dsData or the keyData interface.

-->
- <complexType name="dsOrKeyType">
- <sequence>
  <element name="maxSigLife" type="secDNS:maxSigLifeType"
    minOccurs="0" />
  - <choice>
    <element name="dsData" type="secDNS:dsDataType"
      maxOccurs="unbounded" />
    <element name="keyData" type="secDNS:keyDataType"
      maxOccurs="unbounded" />
    </choice>
  </sequence>
</complexType>
- <!--
  Definition for the maximum signature lifetime (maxSigLife)

-->
- <simpleType name="maxSigLifeType">
- <restriction base="int">
  <minInclusive value="1" />
</restriction>
</simpleType>
- <!--
  Child elements of dsData used for dsData interface

-->
- <complexType name="dsDataType">
- <sequence>
  <element name="keyTag" type="unsignedShort" />
  <element name="alg" type="unsignedByte" />
  <element name="digestType" type="unsignedByte" />
  <element name="digest" type="hexBinary" />
  <element name="keyData" type="secDNS:keyDataType"
    minOccurs="0" />
</sequence>
</complexType>
- <!--
  Child elements of keyData used for keyData interface

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and optionally with dsData interface

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-->
- <complexType name="keyDataType">
- <sequence>
  <element name="flags" type="unsignedShort" />
  <element name="protocol" type="unsignedByte" />
  <element name="alg" type="unsignedByte" />
  <element name="pubKey" type="secDNS:keyType" />
</sequence>
</complexType>
- <!--
  Definition for the public key

-->
- <simpleType name="keyType">
- <restriction base="base64Binary">
  <minLength value="1" />
</restriction>
</simpleType>
- <!--
  Child elements of the <update> element.

-->
- <complexType name="updateType">
- <sequence>
  <element name="rem" type="secDNS:remType" minOccurs="0" />
  <element name="add" type="secDNS:dsOrKeyType" minOccurs="0" />
  <element name="chg" type="secDNS:chgType" minOccurs="0" />
</sequence>
  <attribute name="urgent" type="boolean" default="false" />
</complexType>
- <!--
  Child elements of the <rem> command.

-->
- <complexType name="remType">
- <choice>
  <element name="all" type="boolean" />
  <element name="dsData" type="secDNS:dsDataType"
    maxOccurs="unbounded" />
  <element name="keyData" type="secDNS:keyDataType"
    maxOccurs="unbounded" />
</choice>
</complexType>
- <!--
  Child elements supporting the <chg> element.

-->
- <complexType name="chgType">
- <sequence>
  <element name="maxSigLife" type="secDNS:maxSigLifeType"
    minOccurs="0" />
</sequence>
</complexType>
- <!--
  Child response elements.

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-->  
<element name="infData" type="secDNS:dsOrKeyType" />  
</schema>
```