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<?xml version="1.0" encoding="UTF-8" ?>
- <wsdl:definitions targetNamespace="urn:pkiref"
  xmlns:apachesoap="http://xml.apache.org/xml-soap" xmlns:impl="urn:pkiref"
  xmlns:intf="urn:pkiref"
  xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:tns1="urn:pkiref.webservice"
  xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
  xmlns:wsdlsoap="http://schemas.xmlsoap.org/wsdl/soap/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
- <wsdl:types>
- <schema targetNamespace="urn:pkiref"
  xmlns="http://www.w3.org/2001/XMLSchema">
  <import namespace="urn:pkiref.webservice" />
  <import
    namespace="http://schemas.xmlsoap.org/soap/encoding/" />
- <complexType name="ArrayOf_soapenc_long">
- <complexContent>
- <restriction base="soapenc:Array">
  <attribute ref="soapenc:arrayType"
    wsdl:arrayType="soapenc:long[]" />
  </restriction>
</complexContent>
</complexType>
- <complexType name="ArrayOf_tns1_CaCertificate">
- <complexContent>
- <restriction base="soapenc:Array">
  <attribute ref="soapenc:arrayType"
    wsdl:arrayType="tns1:CaCertificate[]" />
  </restriction>
</complexContent>
</complexType>
- <complexType name="ArrayOf_tns1_CRL">
- <complexContent>
- <restriction base="soapenc:Array">
  <attribute ref="soapenc:arrayType"
    wsdl:arrayType="tns1:CRL[]" />
  </restriction>
</complexContent>
</complexType>
- <complexType name="ArrayOf_tns1_Certificate">
- <complexContent>
- <restriction base="soapenc:Array">
  <attribute ref="soapenc:arrayType"
    wsdl:arrayType="tns1:Certificate[]" />
  </restriction>
</complexContent>
</complexType>
- <complexType name="ArrayOf_tns1_IdentData">
- <complexContent>
- <restriction base="soapenc:Array">
  <attribute ref="soapenc:arrayType"
    wsdl:arrayType="tns1:IdentData[]" />
  </restriction>
</complexContent>
</complexType>
- <complexType name="ArrayOf_tns1_RequestData">
- <complexContent>

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- <restriction base="soapenc:Array">
  <attribute ref="soapenc:arrayType"
    wsdl:arrayType="tns1:RequestData[]" />
</restriction>
</complexContent>
</complexType>
- <complexType name="ArrayOf_tns1_EventData">
- <complexContent>
- <restriction base="soapenc:Array">
  <attribute ref="soapenc:arrayType"
    wsdl:arrayType="tns1:EventData[]" />
</restriction>
</complexContent>
</complexType>
- <complexType name="ArrayOf_tns1_StatusData">
- <complexContent>
- <restriction base="soapenc:Array">
  <attribute ref="soapenc:arrayType"
    wsdl:arrayType="tns1:StatusData[]" />
</restriction>
</complexContent>
</complexType>
- <complexType name="ArrayOf_tns1_StatisticData">
- <complexContent>
- <restriction base="soapenc:Array">
  <attribute ref="soapenc:arrayType"
    wsdl:arrayType="tns1:StatisticData[]" />
</restriction>
</complexContent>
</complexType>
- <complexType name="ArrayOf_tns1_IssuerSerial">
- <complexContent>
- <restriction base="soapenc:Array">
  <attribute ref="soapenc:arrayType"
    wsdl:arrayType="tns1:IssuerSerial[]" />
</restriction>
</complexContent>
</complexType>
- <complexType name="ArrayOf_tns1_FormatParameter">
- <complexContent>
- <restriction base="soapenc:Array">
  <attribute ref="soapenc:arrayType"
    wsdl:arrayType="tns1:FormatParameter[]" />
</restriction>
</complexContent>
</complexType>
- <complexType name="ArrayOf_tns1_CertificateRequest">
- <complexContent>
- <restriction base="soapenc:Array">
  <attribute ref="soapenc:arrayType"
    wsdl:arrayType="tns1:CertificateRequest[]" />
</restriction>
</complexContent>
</complexType>
- <complexType name="ArrayOf_tns1_Definition">
- <complexContent>

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- <restriction base="soapenc:Array">
  <attribute ref="soapenc:arrayType"
    wsdl:arrayType="tns1:Definition[]" />
</restriction>
</complexContent>
</complexType>
- <complexType name="ArrayOf_tns1_CertificateProfile">
- <complexContent>
- <restriction base="soapenc:Array">
  <attribute ref="soapenc:arrayType"
    wsdl:arrayType="tns1:CertificateProfile[]" />
</restriction>
</complexContent>
</complexType>
- <complexType name="ArrayOf_tns1_AccessControlGroup">
- <complexContent>
- <restriction base="soapenc:Array">
  <attribute ref="soapenc:arrayType"
    wsdl:arrayType="tns1:AccessControlGroup[]" />
</restriction>
</complexContent>
</complexType>
</schema>
- <schema targetNamespace="urn:pkiref.webservice"
  xmlns="http://www.w3.org/2001/XMLSchema"
  <import namespace="urn:pkiref" />
  <import
    namespace="http://schemas.xmlsoap.org/soap/encoding/" />
- <complexType name="PKIError">
- <sequence>
  <element name="code" nillable="true" type="soapenc:string" />
  <element name="description" nillable="true"
    type="soapenc:string" />
</sequence>
</complexType>
- <complexType name="PKIResponse">
- <sequence>
  <element name="error" nillable="true" type="tns1:PKIError" />
</sequence>
</complexType>
- <complexType name="ResultContainer">
- <complexContent>
- <extension base="tns1:PKIResponse">
  - <sequence>
    <element name="totalItemsFound" nillable="true"
      type="soapenc:long" />
  </sequence>
</extension>
</complexContent>
</complexType>
- <complexType name="CaCertificate">
- <sequence>
  <element name="encodedCertificate" nillable="true"
    type="soapenc:string" />
  <element name="id" nillable="true" type="soapenc:long" />
  <element name="issuer" nillable="true"

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type="tns1:CaCertificate" />
  <element name="revokeReason" nillable="true"
    type="soapenc:long" />
  <element name="revokedAt" nillable="true"
    type="xsd:dateTime" />
  <element name="serialNumber" nillable="true"
    type="soapenc:long" />
  <element name="status" nillable="true" type="soapenc:long" />
  <element name="subjectDN" nillable="true"
    type="soapenc:string" />
  <element name="type" nillable="true" type="soapenc:long" />
  <element name="validFrom" nillable="true"
    type="xsd:dateTime" />
  <element name="validTo" nillable="true"
    type="xsd:dateTime" />
</sequence>
</complexType>
- <complexType name="CRL">
  - <sequence>
    <element name="caCertificateList" nillable="true"
      type="impl:ArrayOf_tns1_CaCertificate" />
    <element name="crlNumber" nillable="true"
      type="soapenc:long" />
    <element name="id" nillable="true" type="soapenc:long" />
    <element name="issuer" nillable="true"
      type="tns1:CaCertificate" />
    <element name="lastUpdate" nillable="true"
      type="xsd:dateTime" />
    <element name="nextUpdate" nillable="true"
      type="xsd:dateTime" />
    <element name="type" nillable="true" type="soapenc:long" />
  </sequence>
</complexType>
- <complexType name="CRLContainer">
  - <complexContent>
    - <extension base="tns1:ResultContainer">
      - <sequence>
        <element name="crlList" nillable="true"
          type="impl:ArrayOf_tns1_CRL" />
      </sequence>
    </extension>
  </complexContent>
</complexType>
- <complexType name="AccessControlGroup">
  - <sequence>
    <element name="id" nillable="true" type="soapenc:long" />
    <element name="name" nillable="true" type="soapenc:string" />
    <element name="parent" nillable="true" type="soapenc:long" />
    <element name="status" nillable="true" type="soapenc:long" />
  </sequence>
</complexType>
- <complexType name="Certificate">
  - <sequence>
    <element name="encodedCertificate" nillable="true"
      type="soapenc:string" />
    <element name="formattedCertificate" nillable="true"
      type="soapenc:string" />
  </sequence>

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    <element name="issuer" nillable="true"
      type="tns1:CaCertificate" />
    <element name="revokeReason" nillable="true"
      type="soapenc:long" />
    <element name="revokedAt" nillable="true"
      type="xsd:dateTime" />
    <element name="serialNumber" nillable="true"
      type="soapenc:long" />
    <element name="status" nillable="true" type="soapenc:long" />
    <element name="subjectDN" nillable="true"
      type="soapenc:string" />
    <element name="type" nillable="true" type="soapenc:long" />
    <element name="validFrom" nillable="true"
      type="xsd:dateTime" />
    <element name="validTo" nillable="true"
      type="xsd:dateTime" />
  </sequence>
</complexType>
- <complexType name="IdentData">
  - <sequence>
    <element name="caseSensitive" type="xsd:boolean" />
    <element name="exactMatch" type="xsd:boolean" />
    <element name="key" nillable="true" type="soapenc:string" />
    <element name="value" nillable="true" type="soapenc:string" />
  </sequence>
</complexType>
- <complexType name="RenewalData">
  - <sequence>
    <element name="referenceNumber" nillable="true"
      type="soapenc:long" />
    <element name="useIdentData" type="xsd:boolean" />
    <element name="useRequestData" type="xsd:boolean" />
  </sequence>
</complexType>
- <complexType name="RequestData">
  - <sequence>
    <element name="certificateProfile" nillable="true"
      type="soapenc:long" />
    <element name="data" nillable="true" type="soapenc:string" />
    <element name="requestType" nillable="true"
      type="soapenc:long" />
  </sequence>
</complexType>
- <complexType name="CertificateRequest">
  - <complexContent>
    - <extension base="tns1:PKIResponse">
      - <sequence>
        <element name="accessControlGroup" nillable="true"
          type="tns1:AccessControlGroup" />
        <element name="certificateList" nillable="true"
          type="impl:ArrayOf_tns1_Certificate" />
        <element name="identDataList" nillable="true"
          type="impl:ArrayOf_tns1_IdentData" />
        <element name="notificationsEmail" nillable="true"
          type="soapenc:string" />
        <element name="referenceNumber" nillable="true"
          type="soapenc:long" />

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    <element name="renewalData" nillable="true"
      type="tns1:RenewalData" />
    <element name="requestDataList" nillable="true"
      type="impl:ArrayOf_tns1_RequestData" />
    <element name="requestedAt" nillable="true"
      type="xsd:dateTime" />
    <element name="revokePassword" nillable="true"
      type="soapenc:string" />
    <element name="status" nillable="true"
      type="soapenc:long" />
    <element name="validFrom" nillable="true"
      type="xsd:dateTime" />
    <element name="validTo" nillable="true"
      type="xsd:dateTime" />
  </sequence>
</extension>
</complexContent>
</complexType>
- <complexType name="StatisticQuery">
- <sequence>
  <element name="accessControlGroupIDList" nillable="true"
    type="impl:ArrayOf_soapenc_long" />
  <element name="eventList" nillable="true"
    type="impl:ArrayOf_soapenc_long" />
  <element name="periodBegin" nillable="true"
    type="xsd:dateTime" />
  <element name="periodEnd" nillable="true"
    type="xsd:dateTime" />
  <element name="pointOfTime" nillable="true"
    type="xsd:dateTime" />
  <element name="statusList" nillable="true"
    type="impl:ArrayOf_soapenc_long" />
</sequence>
</complexType>
- <complexType name="EventData">
- <sequence>
  <element name="count" nillable="true" type="soapenc:long" />
  <element name="event" nillable="true" type="soapenc:long" />
</sequence>
</complexType>
- <complexType name="StatusData">
- <sequence>
  <element name="count" nillable="true" type="soapenc:long" />
  <element name="status" nillable="true" type="soapenc:long" />
</sequence>
</complexType>
- <complexType name="StatisticData">
- <sequence>
  <element name="accessControlGroup" nillable="true"
    type="tns1:AccessControlGroup" />
  <element name="eventDataList" nillable="true"
    type="impl:ArrayOf_tns1_EventData" />
  <element name="statusDataList" nillable="true"
    type="impl:ArrayOf_tns1_StatusData" />
</sequence>
</complexType>
- <complexType name="StatisticContainer">

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- <complexContent>
  - <extension base="tns1:ResultContainer">
    - <sequence>
      <element name="statisticDataList" nillable="true"
        type="impl:ArrayOf_tns1_StatisticData" />
    </sequence>
  </extension>
</complexContent>
</complexType>
- <complexType name="SearchFilter">
  - <sequence>
    <element name="maxItems" nillable="true"
      type="soapenc:long" />
    <element name="offset" nillable="true" type="soapenc:long" />
    <element name="sortCriteria" nillable="true"
      type="soapenc:string" />
    <element name="sortOrder" nillable="true"
      type="soapenc:string" />
  </sequence>
</complexType>
- <complexType name="CaCertificateSearchFilter">
  - <complexContent>
    - <extension base="tns1:SearchFilter">
      - <sequence>
        <element name="issuer" nillable="true"
          type="soapenc:long" />
      </sequence>
    </extension>
  </complexContent>
</complexType>
- <complexType name="CaCertificateContainer">
  - <complexContent>
    - <extension base="tns1:ResultContainer">
      - <sequence>
        <element name="caCertificateList" nillable="true"
          type="impl:ArrayOf_tns1_CaCertificate" />
      </sequence>
    </extension>
  </complexContent>
</complexType>
- <complexType name="IssuerSerial">
  - <sequence>
    <element name="issuerDN" nillable="true"
      type="soapenc:string" />
    <element name="serialNumber" nillable="true"
      type="soapenc:long" />
  </sequence>
</complexType>
- <complexType name="CertificateSearchFilter">
  - <complexContent>
    - <extension base="tns1:SearchFilter">
      - <sequence>
        <element name="accessControlGroupIdList"
          nillable="true" type="impl:ArrayOf_soapenc_long" />
        <element name="identDataList" nillable="true"
          type="impl:ArrayOf_tns1_IdentData" />
      </sequence>
    </extension>
  </complexContent>
</complexType>

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    <element name="issuerSerialList" nillable="true"
      type="impl:ArrayOf_tns1_IssuerSerial" />
    <element name="referenceNumberList" nillable="true"
      type="impl:ArrayOf_soapenc_long" />
    <element name="statusList" nillable="true"
      type="impl:ArrayOf_soapenc_long" />
  </sequence>
</extension>
</complexContent>
</complexType>
- <complexType name="FormatParameter">
- <sequence>
  <element name="name" nillable="true" type="soapenc:string" />
  <element name="value" nillable="true" type="soapenc:string" />
</sequence>
</complexType>
- <complexType name="DownloadFormat">
- <sequence>
  <element name="name" nillable="true" type="soapenc:string" />
  <element name="parameters" nillable="true"
    type="impl:ArrayOf_tns1_FormatParameter" />
</sequence>
</complexType>
- <complexType name="CertificateRequestContainer">
- <complexContent>
  - <extension base="tns1:ResultContainer">
    - <sequence>
      <element name="certificateRequestList" nillable="true"
        type="impl:ArrayOf_tns1_CertificateRequest" />
    </sequence>
  </extension>
</complexContent>
</complexType>
- <complexType name="RequestSearchFilter">
- <complexContent>
  - <extension base="tns1:SearchFilter">
    - <sequence>
      <element name="accessControlGroupIDList"
        nillable="true" type="impl:ArrayOf_soapenc_long" />
      <element name="identDataList" nillable="true"
        type="impl:ArrayOf_tns1_IdentData" />
      <element name="referenceNumberList" nillable="true"
        type="impl:ArrayOf_soapenc_long" />
      <element name="statusList" nillable="true"
        type="impl:ArrayOf_soapenc_long" />
    </sequence>
  </extension>
</complexContent>
</complexType>
- <complexType name="Definition">
- <sequence>
  <element name="constraints" nillable="true"
    type="soapenc:string" />
  <element name="description" nillable="true"
    type="soapenc:string" />
  <element name="key" nillable="true" type="soapenc:string" />

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    </sequence>
  </complexType>
- <complexType name="CertificateProfile">
- <sequence>
  <element name="caCertificate" nillable="true"
    type="tns1:CaCertificate" />
  <element name="definitionList" nillable="true"
    type="impl:ArrayOf_tns1_Definition" />
  <element name="description" nillable="true"
    type="soapenc:string" />
  <element name="id" nillable="true" type="soapenc:long" />
  <element name="name" nillable="true" type="soapenc:string" />
</sequence>
</complexType>
- <complexType name="CertificateProfileContainer">
- <complexContent>
  - <extension base="tns1:ResultContainer">
    - <sequence>
      <element name="certificateProfileList" nillable="true"
        type="impl:ArrayOf_tns1_CertificateProfile" />
    </sequence>
  </extension>
</complexContent>
</complexType>
- <complexType name="ACGContainer">
- <complexContent>
  - <extension base="tns1:ResultContainer">
    - <sequence>
      <element name="accessControlGroupList" nillable="true"
        type="impl:ArrayOf_tns1_AccessControlGroup" />
    </sequence>
  </extension>
</complexContent>
</complexType>
- <complexType name="ACGSearchFilter">
- <complexContent>
  - <extension base="tns1:SearchFilter">
    - <sequence>
      <element name="level" nillable="true"
        type="soapenc:long" />
      <element name="name" nillable="true"
        type="soapenc:string" />
      <element name="parent" nillable="true"
        type="soapenc:long" />
      <element name="status" nillable="true"
        type="soapenc:long" />
    </sequence>
  </extension>
</complexContent>
</complexType>
- <complexType name="CRLSearchFilter">
- <complexContent>
  - <extension base="tns1:SearchFilter">
    - <sequence>
      <element name="caCertificateList" nillable="true"
        type="impl:ArrayOf_soapenc_long" />
    </sequence>
  </extension>
</complexContent>
</complexType>

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        <element name="issuerList" nillable="true"
            type="impl:ArrayOf_soapenc_long" />
        <element name="type" nillable="true"
            type="soapenc:long" />
        <element name="validAt" nillable="true"
            type="xsd:dateTime" />
    </sequence>
</extension>
</complexContent>
</complexType>
- <complexType name="RevocationData">
    - <sequence>
        <element name="description" nillable="true"
            type="soapenc:string" />
        <element name="reason" nillable="true" type="soapenc:long" />
    </sequence>
</complexType>
</schema>
</wsdl:types>
- <wsdl:message name="retrieveCRLsResponse">
    <wsdl:part name="retrieveCRLsReturn" type="tns1:CRLContainer" />
</wsdl:message>
<wsdl:message name="retrieveCertificateProfilesRequest" />
- <wsdl:message name="processCertificateRequestResponse">
    <wsdl:part name="processCertificateRequestReturn"
        type="tns1:PKIResponse" />
</wsdl:message>
- <wsdl:message name="generateCRLsResponse">
    <wsdl:part name="generateCRLsReturn" type="tns1:CRLContainer" />
</wsdl:message>
- <wsdl:message name="retrieveCertificatesResponse">
    <wsdl:part name="retrieveCertificatesReturn"
        type="tns1:CertificateRequestContainer" />
</wsdl:message>
- <wsdl:message name="retrieveCertificatesRequest">
    <wsdl:part name="filter" type="tns1:CertificateSearchFilter" />
    <wsdl:part name="format" type="tns1:DownloadFormat" />
</wsdl:message>
- <wsdl:message name="retrieveRequestsRequest">
    <wsdl:part name="filter" type="tns1:RequestSearchFilter" />
</wsdl:message>
- <wsdl:message name="unlockCertificatesResponse">
    <wsdl:part name="unlockCertificatesReturn"
        type="tns1:CertificateRequestContainer" />
</wsdl:message>
- <wsdl:message name="retrieveAccessControlGroupsRequest">
    <wsdl:part name="filter" type="tns1:ACGSearchFilter" />
</wsdl:message>
- <wsdl:message name="revokeCertificatesRequest">
    <wsdl:part name="filter" type="tns1:CertificateSearchFilter" />
    <wsdl:part name="revocationData" type="tns1:RevocationData" />
</wsdl:message>
- <wsdl:message name="retrieveRequestsResponse">
    <wsdl:part name="retrieveRequestsReturn"
        type="tns1:CertificateRequestContainer" />
</wsdl:message>

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- <wsdl:message name="retrieveCaCertificatesRequest">
  <wsdl:part name="filter" type="tns1:CaCertificateSearchFilter" />
</wsdl:message>
- <wsdl:message name="retrieveStatisticResponse">
  <wsdl:part name="retrieveStatisticReturn"
    type="tns1:StatisticContainer" />
</wsdl:message>
- <wsdl:message name="retrieveCertificateProfilesResponse">
  <wsdl:part name="retrieveCertificateProfilesReturn"
    type="tns1:CertificateProfileContainer" />
</wsdl:message>
- <wsdl:message name="generateCRLsRequest">
  <wsdl:part name="caCertificateIdList"
    type="impl:ArrayOf_soapenc_long" />
</wsdl:message>
- <wsdl:message name="requestCertificateResponse">
  <wsdl:part name="requestCertificateReturn"
    type="tns1:CertificateRequest" />
</wsdl:message>
- <wsdl:message name="retrieveCaCertificatesResponse">
  <wsdl:part name="retrieveCaCertificatesReturn"
    type="tns1:CaCertificateContainer" />
</wsdl:message>
- <wsdl:message name="retrieveAccessControlGroupsResponse">
  <wsdl:part name="retrieveAccessControlGroupsReturn"
    type="tns1:ACGContainer" />
</wsdl:message>
- <wsdl:message name="retrieveStatisticRequest">
  <wsdl:part name="query" type="tns1:StatisticQuery" />
</wsdl:message>
- <wsdl:message name="revokeCertificatesResponse">
  <wsdl:part name="revokeCertificatesReturn"
    type="tns1:CertificateRequestContainer" />
</wsdl:message>
- <wsdl:message name="requestCertificateRequest">
  <wsdl:part name="request" type="tns1:CertificateRequest" />
</wsdl:message>
- <wsdl:message name="processCertificateRequestRequest">
  <wsdl:part name="request" type="tns1:CertificateRequest" />
  <wsdl:part name="processAction" type="soapenc:string" />
  <wsdl:part name="comment" type="soapenc:string" />
</wsdl:message>
- <wsdl:message name="unlockCertificatesRequest">
  <wsdl:part name="filter" type="tns1:CertificateSearchFilter" />
</wsdl:message>
- <wsdl:message name="retrieveCRLsRequest">
  <wsdl:part name="filter" type="tns1:CRLSearchFilter" />
</wsdl:message>
- <wsdl:portType name="pkiref">
  - <wsdl:operation name="generateCRLs"
    parameterOrder="caCertificateIdList">
    <wsdl:input message="impl:generateCRLsRequest"
      name="generateCRLsRequest" />
    <wsdl:output message="impl:generateCRLsResponse"
      name="generateCRLsResponse" />
  </wsdl:operation>

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- <wsdl:operation name="requestCertificate" parameterOrder="request">
  <wsdl:input message="impl:requestCertificateRequest"
    name="requestCertificateRequest" />
  <wsdl:output message="impl:requestCertificateResponse"
    name="requestCertificateResponse" />
</wsdl:operation>
- <wsdl:operation name="retrieveStatistic" parameterOrder="query">
  <wsdl:input message="impl:retrieveStatisticRequest"
    name="retrieveStatisticRequest" />
  <wsdl:output message="impl:retrieveStatisticResponse"
    name="retrieveStatisticResponse" />
</wsdl:operation>
- <wsdl:operation name="retrieveCaCertificates" parameterOrder="filter">
  <wsdl:input message="impl:retrieveCaCertificatesRequest"
    name="retrieveCaCertificatesRequest" />
  <wsdl:output message="impl:retrieveCaCertificatesResponse"
    name="retrieveCaCertificatesResponse" />
</wsdl:operation>
- <wsdl:operation name="retrieveCertificates" parameterOrder="filter
  format">
  <wsdl:input message="impl:retrieveCertificatesRequest"
    name="retrieveCertificatesRequest" />
  <wsdl:output message="impl:retrieveCertificatesResponse"
    name="retrieveCertificatesResponse" />
</wsdl:operation>
- <wsdl:operation name="retrieveRequests" parameterOrder="filter">
  <wsdl:input message="impl:retrieveRequestsRequest"
    name="retrieveRequestsRequest" />
  <wsdl:output message="impl:retrieveRequestsResponse"
    name="retrieveRequestsResponse" />
</wsdl:operation>
- <wsdl:operation name="processCertificateRequest"
  parameterOrder="request processAction comment">
  <wsdl:input message="impl:processCertificateRequestRequest"
    name="processCertificateRequestRequest" />
  <wsdl:output message="impl:processCertificateRequestResponse"
    name="processCertificateRequestResponse" />
</wsdl:operation>
- <wsdl:operation name="retrieveAccessControlGroups"
  parameterOrder="filter">
  <wsdl:input message="impl:retrieveAccessControlGroupsRequest"
    name="retrieveAccessControlGroupsRequest" />
  <wsdl:output message="impl:retrieveAccessControlGroupsResponse"
    name="retrieveAccessControlGroupsResponse" />
</wsdl:operation>
- <wsdl:operation name="retrieveCertificateProfiles">
  <wsdl:input message="impl:retrieveCertificateProfilesRequest"
    name="retrieveCertificateProfilesRequest" />
  <wsdl:output message="impl:retrieveCertificateProfilesResponse"
    name="retrieveCertificateProfilesResponse" />
</wsdl:operation>
- <wsdl:operation name="retrieveCRLs" parameterOrder="filter">
  <wsdl:input message="impl:retrieveCRLsRequest"
    name="retrieveCRLsRequest" />
  <wsdl:output message="impl:retrieveCRLsResponse"
    name="retrieveCRLsResponse" />
</wsdl:operation>

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- <wsdl:operation name="revokeCertificates" parameterOrder="filter
  revocationData">
  <wsdl:input message="impl:revokeCertificatesRequest"
    name="revokeCertificatesRequest" />
  <wsdl:output message="impl:revokeCertificatesResponse"
    name="revokeCertificatesResponse" />
</wsdl:operation>
- <wsdl:operation name="unlockCertificates" parameterOrder="filter">
  <wsdl:input message="impl:unlockCertificatesRequest"
    name="unlockCertificatesRequest" />
  <wsdl:output message="impl:unlockCertificatesResponse"
    name="unlockCertificatesResponse" />
</wsdl:operation>
</wsdl:portType>
- <wsdl:binding name="pkirefSoapBinding" type="impl:pkiref">
  <wsdlsoap:binding style="rpc"
    transport="http://schemas.xmlsoap.org/soap/http" />
- <wsdl:operation name="generateCRLs">
  <wsdlsoap:operation soapAction="" />
- <wsdl:input name="generateCRLsRequest">
  <wsdlsoap:body
    encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
    namespace="http://ws.pkiref.cara2.project.mtg"
    use="encoded" />
</wsdl:input>
- <wsdl:output name="generateCRLsResponse">
  <wsdlsoap:body
    encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
    namespace="urn:pkiref" use="encoded" />
</wsdl:output>
</wsdl:operation>
- <wsdl:operation name="requestCertificate">
  <wsdlsoap:operation soapAction="" />
- <wsdl:input name="requestCertificateRequest">
  <wsdlsoap:body
    encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
    namespace="http://ws.pkiref.cara2.project.mtg"
    use="encoded" />
</wsdl:input>
- <wsdl:output name="requestCertificateResponse">
  <wsdlsoap:body
    encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
    namespace="urn:pkiref" use="encoded" />
</wsdl:output>
</wsdl:operation>
- <wsdl:operation name="retrieveStatistic">
  <wsdlsoap:operation soapAction="" />
- <wsdl:input name="retrieveStatisticRequest">
  <wsdlsoap:body
    encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
    namespace="http://ws.pkiref.cara2.project.mtg"
    use="encoded" />
</wsdl:input>
- <wsdl:output name="retrieveStatisticResponse">
  <wsdlsoap:body
    encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
    namespace="urn:pkiref" use="encoded" />

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    </wsdl:output>
  </wsdl:operation>
- <wsdl:operation name="retrieveCaCertificates">
  <wsdlsoap:operation soapAction="" />
  - <wsdl:input name="retrieveCaCertificatesRequest">
    <wsdlsoap:body
      encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      namespace="http://ws.pkiref.cara2.project.mtg"
      use="encoded" />
    </wsdl:input>
  - <wsdl:output name="retrieveCaCertificatesResponse">
    <wsdlsoap:body
      encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      namespace="urn:pkiref" use="encoded" />
    </wsdl:output>
  </wsdl:operation>
- <wsdl:operation name="retrieveCertificates">
  <wsdlsoap:operation soapAction="" />
  - <wsdl:input name="retrieveCertificatesRequest">
    <wsdlsoap:body
      encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      namespace="http://ws.pkiref.cara2.project.mtg"
      use="encoded" />
    </wsdl:input>
  - <wsdl:output name="retrieveCertificatesResponse">
    <wsdlsoap:body
      encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      namespace="urn:pkiref" use="encoded" />
    </wsdl:output>
  </wsdl:operation>
- <wsdl:operation name="retrieveRequests">
  <wsdlsoap:operation soapAction="" />
  - <wsdl:input name="retrieveRequestsRequest">
    <wsdlsoap:body
      encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      namespace="http://ws.pkiref.cara2.project.mtg"
      use="encoded" />
    </wsdl:input>
  - <wsdl:output name="retrieveRequestsResponse">
    <wsdlsoap:body
      encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      namespace="urn:pkiref" use="encoded" />
    </wsdl:output>
  </wsdl:operation>
- <wsdl:operation name="processCertificateRequest">
  <wsdlsoap:operation soapAction="" />
  - <wsdl:input name="processCertificateRequestRequest">
    <wsdlsoap:body
      encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      namespace="http://ws.pkiref.cara2.project.mtg"
      use="encoded" />
    </wsdl:input>
  - <wsdl:output name="processCertificateRequestResponse">
    <wsdlsoap:body
      encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      namespace="urn:pkiref" use="encoded" />
    </wsdl:output>

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</wsdl:operation>
- <wsdl:operation name="retrieveAccessControlGroups">
  <wsdlsoap:operation soapAction="" />
  - <wsdl:input name="retrieveAccessControlGroupsRequest">
    <wsdlsoap:body
      encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      namespace="http://ws.pkiref.cara2.project.mtg"
      use="encoded" />
    </wsdl:input>
  - <wsdl:output name="retrieveAccessControlGroupsResponse">
    <wsdlsoap:body
      encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      namespace="urn:pkiref" use="encoded" />
    </wsdl:output>
  </wsdl:operation>
- <wsdl:operation name="retrieveCertificateProfiles">
  <wsdlsoap:operation soapAction="" />
  - <wsdl:input name="retrieveCertificateProfilesRequest">
    <wsdlsoap:body
      encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      namespace="http://ws.pkiref.cara2.project.mtg"
      use="encoded" />
    </wsdl:input>
  - <wsdl:output name="retrieveCertificateProfilesResponse">
    <wsdlsoap:body
      encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      namespace="urn:pkiref" use="encoded" />
    </wsdl:output>
  </wsdl:operation>
- <wsdl:operation name="retrieveCRLs">
  <wsdlsoap:operation soapAction="" />
  - <wsdl:input name="retrieveCRLsRequest">
    <wsdlsoap:body
      encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      namespace="http://ws.pkiref.cara2.project.mtg"
      use="encoded" />
    </wsdl:input>
  - <wsdl:output name="retrieveCRLsResponse">
    <wsdlsoap:body
      encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      namespace="urn:pkiref" use="encoded" />
    </wsdl:output>
  </wsdl:operation>
- <wsdl:operation name="revokeCertificates">
  <wsdlsoap:operation soapAction="" />
  - <wsdl:input name="revokeCertificatesRequest">
    <wsdlsoap:body
      encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      namespace="http://ws.pkiref.cara2.project.mtg"
      use="encoded" />
    </wsdl:input>
  - <wsdl:output name="revokeCertificatesResponse">
    <wsdlsoap:body
      encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      namespace="urn:pkiref" use="encoded" />
    </wsdl:output>
  </wsdl:operation>

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- <wsdl:operation name="unlockCertificates">
  <wsdlsoap:operation soapAction="" />
- <wsdl:input name="unlockCertificatesRequest">
  <wsdlsoap:body
    encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
    namespace="http://ws.pkiref.cara2.project.mtg"
    use="encoded" />
  </wsdl:input>
- <wsdl:output name="unlockCertificatesResponse">
  <wsdlsoap:body
    encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
    namespace="urn:pkiref" use="encoded" />
  </wsdl:output>
</wsdl:operation>
</wsdl:binding>
- <wsdl:service name="pkirefService">
- <wsdl:port binding="impl:pkirefSoapBinding" name="pkiref">
  <wsdlsoap:address location="https://ca-
    demos.mtg.de/pkiref/services/pkiRefService" />
  </wsdl:port>
</wsdl:service>
</wsdl:definitions>
```