```xml
<?xml version="1.0" encoding="UTF-8"?>
<wsdl:definitions targetNamespace="urn:fws"
xmlns:fwsmodel="http://model.ws.foundation.groundwork.org"
xmlns:apachesoap="http://xml.apache.org/xml-soap" xmlns:impl="urn:fws"
xmlns:intf="urn:fws"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
xmlns:wsdlsoap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<!--
Collage - The ultimate data integration framework.
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info@groundworkopensource.com

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    along with this program; if not, write to the Free Software
    Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA  02110-1301  USA
-->

<wsdl:import namespace="urn:fwsmodel"
            xmlns:fwsmodel="http://model.ws.foundation.groundwork.org"
            location="../fwsmodel.wsdl" />
            <!-- location="http://172.28.113.227/fwsmodel.wsdl" /> -->


  <wsdl:message name="getStatisticsResponse">

    <wsdl:part name="getStatisticsReturn"
    type="fwsmodel:WSFoundationCollection"/>

  </wsdl:message>

  <wsdl:message name="getStatisticsRequest">

    <wsdl:part name="statisticQueryType"
    type="fwsmodel:StatisticQueryType"/>

    <wsdl:part name="value" type="xsd:string"/>

    <wsdl:part name="applicationType" type="xsd:string"/>

  </wsdl:message>

  <wsdl:message name="getGroupStatisticsResponse">
```

```xml
        <wsdl:part name="getGroupStatisticsReturn"
        type="fwsmodel:WSFoundationCollection"/>

    </wsdl:message>

    <wsdl:message name="getGroupStatisticsRequest">

        <wsdl:part name="statisticQueryType"
        type="fwsmodel:StatisticQueryType"/>

          <wsdl:part name="filter" type="fwsmodel:Filter"/>
        <wsdl:part name="groupName" type="xsd:string"/>

        <wsdl:part name="applicationType" type="xsd:string"/>

    </wsdl:message>

    <wsdl:message name="getNagiosStatisticsResponse">

        <wsdl:part name="getStatisticsReturn"
        type="fwsmodel:WSFoundationCollection"/>

    </wsdl:message>

    <wsdl:message name="getNagiosStatisticsRequest">

        <wsdl:part name="nagiosStatisticsQueryType"
        type="fwsmodel:NagiosStatisticQueryType"/>

        <wsdl:part name="value" type="xsd:string"/>

    </wsdl:message>

    <wsdl:message name="getStatisticsByStringResponse">

        <wsdl:part name="getStatisticsByStringReturn"
        type="fwsmodel:WSFoundationCollection"/>

    </wsdl:message>

    <wsdl:message name="getStatisticsByStringRequest">

        <wsdl:part name="statisticQueryType" type="xsd:string"/>

        <wsdl:part name="value" type="xsd:string"/>

        <wsdl:part name="applicationType" type="xsd:string"/>

    </wsdl:message>

    <wsdl:message name="getNagiosStatisticsByStringResponse">

        <wsdl:part name="getStatisticsByStringReturn"
```

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          type="fwsmodel:WSFoundationCollection"/>

</wsdl:message>

<wsdl:message name="getNagiosStatisticsByStringRequest">

   <wsdl:part name="nagiosStatisticsQueryType" type="xsd:string"/>

   <wsdl:part name="value" type="xsd:string"/>

</wsdl:message>


<wsdl:message name="getHostAvailabilityForHostgroupRequest">

   <wsdl:part name="hostGroupName" type="xsd:string"/>

</wsdl:message>

<wsdl:message name="getHostAvailabilityForHostgroupResponse">

   <wsdl:part name="getHostAvailabilityForHostgroupReturn"
   type="xsd:double"/>

</wsdl:message>


<wsdl:message name="getServiceAvailabilityForHostgroupRequest">

   <wsdl:part name="hostGroupName" type="xsd:string"/>

</wsdl:message>

<wsdl:message name="getServiceAvailabilityForHostgroupResponse">

   <wsdl:part name="getServiceAvailabilityForHostgroupReturn"
   type="xsd:double"/>

</wsdl:message>
<wsdl:message name="WSFoundationException">

   <wsdl:part name="fault" element="fwsmodel:WSFoundationException"/>

</wsdl:message>

   <wsdl:message name="getServiceAvailabilityForServiceGroupRequest">

   <wsdl:part name="serviceGroupName" type="xsd:string"/>

</wsdl:message>

<wsdl:message name="getServiceAvailabilityForServiceGroupResponse">
```

```xml
    <wsdl:part name="getServiceAvailabilityForServiceGroupReturn"
    type="xsd:double"/>

</wsdl:message>
<wsdl:message name="WSFoundationException">

    <wsdl:part name="fault" element="fwsmodel:WSFoundationException"/>

</wsdl:message>


<wsdl:portType name="WSStatistics">

    <wsdl:operation name="getStatistics" parameterOrder="statisticQueryType
    value applicationType">

       <wsdl:input message="impl:getStatisticsRequest"
       name="getStatisticsRequest"/>

       <wsdl:output message="impl:getStatisticsResponse"
       name="getStatisticsResponse"/>

       <wsdl:fault message="impl:WSFoundationException"
       name="WSFoundationException"/>

    </wsdl:operation>

    <wsdl:operation name="getGroupStatistics"
    parameterOrder="statisticQueryType filter groupName applicationType">

       <wsdl:input message="impl:getGroupStatisticsRequest"
       name="getGroupStatisticsRequest"/>

       <wsdl:output message="implgetGroupStatisticsResponse"
       name="getGroupStatisticsResponse"/>

       <wsdl:fault message="impl:WSFoundationException"
       name="WSFoundationException"/>

    </wsdl:operation>

    <wsdl:operation name="getNagiosStatistics"
    parameterOrder="nagiosStatisticsQueryType value">

      <wsdl:input message="impl:getNagiosStatisticsRequest"
      name="getNagiosStatisticsRequest" />

      <wsdl:output message="impl:getNagiosStatisticsResponse"
      name="getNagiosStatisticsResponse" />

      <wsdl:fault message="impl:WSFoundationException"
      name="WSFoundationException" />

    </wsdl:operation>
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<wsdl:operation name="getStatisticsByString"
parameterOrder="statisticQueryType value applicationType">

   <wsdl:input message="impl:getStatisticsByStringRequest"
   name="getStatisticsByStringRequest"/>

   <wsdl:output message="impl:getStatisticsByStringResponse"
   name="getStatisticsByStringResponse"/>

   <wsdl:fault message="impl:WSFoundationException"
   name="WSFoundationException"/>

</wsdl:operation>

<wsdl:operation name="getNagiosStatisticsByString"
parameterOrder="nagiosStatisticsQueryType value">

  <wsdl:input message="impl:getNagiosStatisticsByStringRequest"
  name="getNagiosStatisticsByStringRequest" />

  <wsdl:output message="impl:getNagiosStatisticsByStringResponse"
  name="getNagiosStatisticsByStringResponse" />

  <wsdl:fault message="impl:WSFoundationException"
  name="WSFoundationException" />

</wsdl:operation>

<wsdl:operation name="getHostAvailabilityForHostgroup"
parameterOrder="hostGroupName">

  <wsdl:input message="impl:getHostAvailabilityForHostgroupRequest"
  name="getHostAvailabilityForHostgroupRequest" />

  <wsdl:output message="impl:getHostAvailabilityForHostgroupResponse"
  name="getHostAvailabilityForHostgroupResponse" />

  <wsdl:fault message="impl:WSFoundationException"
  name="WSFoundationException" />

</wsdl:operation>

<wsdl:operation name="getServiceAvailabilityForHostgroup"
parameterOrder="hostGroupName">

  <wsdl:input message="impl:getServiceAvailabilityForHostgroupRequest"
  name="getServiceAvailabilityForHostgroupRequest" />

  <wsdl:output
  message="impl:getServiceAvailabilityForHostgroupResponse"
  name="getServiceAvailabilityForHostgroupResponse" />

  <wsdl:fault message="impl:WSFoundationException"
```

```xml
          name="WSFoundationException" />

    </wsdl:operation>

    <wsdl:operation name="getServiceAvailabilityForServiceGroup"
     parameterOrder="serviceGroupName">

      <wsdl:input
       message="impl:getServiceAvailabilityForServiceGroupRequest"
       name="getServiceAvailabilityForServiceGroupRequest" />

      <wsdl:output
       message="impl:getServiceAvailabilityForServiceGroupResponse"
       name="getServiceAvailabilityForServiceGroupResponse" />

      <wsdl:fault message="impl:WSFoundationException"
       name="WSFoundationException" />

    </wsdl:operation>

  </wsdl:portType>

  <wsdl:binding name="statisticsSoapBinding" type="impl:WSStatistics">

    <wsdlsoap:binding style="rpc"
     transport="http://schemas.xmlsoap.org/soap/http"/>

    <wsdl:operation name="getStatistics">

      <wsdlsoap:operation soapAction="/foundation-
       webapp/services/wsstatistics"/>

      <wsdl:input name="getStatisticsRequest">

        <wsdlsoap:body
         encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
         namespace="urn:fws" use="literal"/>

      </wsdl:input>

      <wsdl:output name="getStatisticsResponse">

        <wsdlsoap:body
         encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
         namespace="urn:fws" use="literal"/>

      </wsdl:output>

      <wsdl:fault name="WSFoundationException">

        <wsdlsoap:fault
         encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
         name="WSFoundationException" namespace="urn:fws" use="literal"/>
```

```
        </wsdl:fault>

    </wsdl:operation>

    <wsdl:operation name="getGroupStatistics">

        <wsdlsoap:operation soapAction="/foundation-
        webapp/services/wsstatistics"/>

        <wsdl:input name="getGroupStatisticsRequest">

            <wsdlsoap:body
            encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
            namespace="urn:fws" use="literal"/>

        </wsdl:input>

        <wsdl:output name="getGroupStatisticsResponse">

            <wsdlsoap:body
            encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
            namespace="urn:fws" use="literal"/>

        </wsdl:output>

        <wsdl:fault name="WSFoundationException">

            <wsdlsoap:fault
            encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
            name="WSFoundationException" namespace="urn:fws" use="literal"/>

        </wsdl:fault>

    </wsdl:operation>

    <wsdl:operation name="getNagiosStatistics">

        <wsdlsoap:operation soapAction="/foundation-
        webapp/services/wsstatistics"/>

        <wsdl:input name="getNagiosStatisticsRequest">

            <wsdlsoap:body
            encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
            namespace="urn:fws" use="literal"/>

        </wsdl:input>

        <wsdl:output name="getNagiosStatisticsResponse">

            <wsdlsoap:body
            encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
            namespace="urn:fws" use="literal"/>
```

```xml
      </wsdl:output>

      <wsdl:fault name="WSFoundationException">

         <wsdlsoap:fault
         encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
         name="WSFoundationException" namespace="urn:fws" use="literal"/>

      </wsdl:fault>

   </wsdl:operation>

   <wsdl:operation name="getStatisticsByString">

      <wsdlsoap:operation soapAction="/foundation-
      webapp/services/wsstatistics"/>

      <wsdl:input name="getStatisticsByStringRequest">

         <wsdlsoap:body
         encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
         namespace="urn:fws" use="literal"/>

      </wsdl:input>

      <wsdl:output name="getStatisticsByStringResponse">

         <wsdlsoap:body
         encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
         namespace="urn:fws" use="literal"/>

      </wsdl:output>

      <wsdl:fault name="WSFoundationException">

         <wsdlsoap:fault
         encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
         name="WSFoundationException" namespace="urn:fws" use="literal"/>

      </wsdl:fault>

   </wsdl:operation>

   <wsdl:operation name="getNagiosStatisticsByString">

      <wsdlsoap:operation soapAction="/foundation-
      webapp/services/wsstatistics"/>

      <wsdl:input name="getNagiosStatisticsByStringRequest">

         <wsdlsoap:body
         encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
         namespace="urn:fws" use="literal"/>
```

```xml
    </wsdl:input>

    <wsdl:output name="getNagiosStatisticsByStringResponse">

       <wsdlsoap:body
       encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
       namespace="urn:fws" use="literal"/>

    </wsdl:output>

    <wsdl:fault name="WSFoundationException">

       <wsdlsoap:fault
       encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
       name="WSFoundationException" namespace="urn:fws" use="literal"/>

    </wsdl:fault>

</wsdl:operation>


<wsdl:operation name="getHostAvailabilityForHostgroup">

    <wsdlsoap:operation soapAction="/foundation-
    webapp/services/wsstatistics"/>

    <wsdl:input name="getHostAvailabilityForHostgroupRequest">

       <wsdlsoap:body
       encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
       namespace="urn:fws" use="literal"/>

    </wsdl:input>

    <wsdl:output name="getHostAvailabilityForHostgroupResponse">

       <wsdlsoap:body
       encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
       namespace="urn:fws" use="literal"/>

    </wsdl:output>

    <wsdl:fault name="WSFoundationException">

       <wsdlsoap:fault
       encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
       name="WSFoundationException" namespace="urn:fws" use="literal"/>

    </wsdl:fault>

</wsdl:operation>

<wsdl:operation name="getServiceAvailabilityForHostgroup">
```

```xml
<wsdlsoap:operation soapAction="/foundation-
webapp/services/wsstatistics"/>

<wsdl:input name="getServiceAvailabilityForHostgroupRequest">

   <wsdlsoap:body
   encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
   namespace="urn:fws" use="literal"/>

</wsdl:input>

<wsdl:output name="getServiceAvailabilityForHostgroupResponse">

   <wsdlsoap:body
   encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
   namespace="urn:fws" use="literal"/>

</wsdl:output>

<wsdl:fault name="WSFoundationException">

   <wsdlsoap:fault
   encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
   name="WSFoundationException" namespace="urn:fws" use="literal"/>

</wsdl:fault>

</wsdl:operation>

<wsdl:operation name="getServiceAvailabilityForServiceGroup">

   <wsdlsoap:operation soapAction="/foundation-
   webapp/services/wsstatistics"/>

   <wsdl:input name="getServiceAvailabilityForServiceGroupRequest">

      <wsdlsoap:body
      encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      namespace="urn:fws" use="literal"/>

   </wsdl:input>

   <wsdl:output name="getServiceAvailabilityForServiceGroupResponse">

      <wsdlsoap:body
      encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      namespace="urn:fws" use="literal"/>

   </wsdl:output>

   <wsdl:fault name="WSFoundationException">

      <wsdlsoap:fault
      encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
```

```xml
            name="WSFoundationException" namespace="urn:fws" use="literal"/>

        </wsdl:fault>

      </wsdl:operation>

    </wsdl:binding>




    <wsdl:service name="WSStatisticsService">

      <wsdl:port binding="impl:statisticsSoapBinding" name="statistics">

        <wsdlsoap:address location="http://localhost:8080/foundation-
        webapp/services/wsstatistics"/>

      </wsdl:port>

    </wsdl:service>

</wsdl:definitions>
```