

Schema documentation for ogf_nsi_connection_types_1_0.xsd

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Namespace: "http://www.ogf.org/schema/nsi/connection/v1_0/types"

Schema(s)

Main schema ogf_nsi_connection_types_1_0.xsd

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Properties	attribute form default: unqualified
	element form default: unqualified

Complex Type(s)

Complex Type tns:ReserveRequestType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Annotations	<p>ReserveRequestType</p> <p>This is the type definition for the reserveRequest message.</p> <p>Elements:</p> <p>CommonParametersGroup - See group definition for element members of the common NSI protocol parameters.</p> <p>ReplyTo - Requester NSA's SOAP endpoint address to which the asynchronous Confirmed or Failed message associated with this request will be delivered.</p> <p>reservation - Parameters specifying the connection reservation criteria.</p>

Diagram	
Model	requesterNSA , providerNSA , transactionId , securityAttr{0,1} , replyTo , reservation
Children	providerNSA, replyTo, requesterNSA, reservation, securityAttr, transactionId
Source	<pre> <xsd:complexType name="ReserveRequestType"> <xsd:annotation> <xsd:documentation>ReserveRequestType This is the type definition for the reserveRequest message. Elements: CommonParametersGroup - See group definition for element members of the common NSI protocol parameters. ReplyTo - Requester NSA's SOAP endpoint address to which the asynchronous Confirmed or Failed message associated with this request will be delivered. reservation - Parameters specifying the connection reservation criteria.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:group ref="tns:CommonParametersGroup"/> <xsd:element name="replyTo" type="xsd:anyURI" /> <xsd:element name="reservation" type="tns:ReservationRequestType" /> </xsd:sequence> </xsd:complexType> </pre>

Complex Type tns:NsaType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Diagram	
Used by	Elements tns:CommonParametersGroup/providerNSA, tns:CommonParametersGroup/requesterNSA
Model	nsaAddress , securityAttr{0,1}
Children	nsaAddress, securityAttr
Source	<pre> <xsd:complexType name="NsaType"> <xsd:sequence> <xsd:element name="nsaAddress" type="xsd:anyURI" /> <xsd:element name="securityAttr" type="tns:AttributeSequenceType" minOccurs="0" /> </xsd:sequence> </xsd:complexType> </pre>

Complex Type tns:AttributeSequenceType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Diagram	
Used by	Elements tns:CommonParametersGroup/securityAttr, tns:NsaType/securityAttr, tns:ServiceParametersType/guaranteed, tns:ServiceParametersType/preferred
Model	attribute*
Children	attribute
Source	<pre> <xsd:complexType name="AttributeSequenceType"> </pre>

```
<xsd:sequence>
  <xsd:element name="attribute" type="tns:AttributeType" minOccurs="0"
maxOccurs="unbounded" />
</xsd:sequence>
</xsd:complexType>
```

Complex Type tns:AttributeType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Diagram	
Used by	Element tns:AttributeSequenceType/attribute
Model	attributeName , attributeValue*
Children	attributeName, attributeValue
Source	<pre><xsd:complexType name="AttributeType"> <xsd:sequence> <xsd:element name="attributeName" type="xsd:string"/> <xsd:element name="attributeValue" type="xsd:string" minOccurs="0" maxOccurs="unbounded" /> </xsd:sequence> </xsd:complexType></pre>

Complex Type tns:ReservationRequestType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Diagram	
Used by	Element tns:ReserveRequestType/reservation
Model	globalReservationId{0,1} , description{0,1} , connectionId , schedule , serviceParameters
Children	connectionId, description, globalReservationId, schedule, serviceParameters
Source	<pre><xsd:complexType name="ReservationRequestType"> <!-- Pull in common reservation elements. --> <xsd:group ref="tns:ReservationGroup" /> </xsd:complexType></pre>

Complex Type tns:ScheduleType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Diagram	
Used by	Element tns:ReservationGroup/schedule

Model	startTime , (endTime duration)
Children	duration, endTime, startTime
Source	<pre> <xsd:complexType name="ScheduleType"> <xsd:sequence> <!-- Reservation start time. For an immediate reservation set to current time. --> <xsd:element name="startTime" type="xsd:dateTime"/> <xsd:choice> <!-- Reservation end time, or. --> <xsd:element name="endTime" type="xsd:dateTime"/> <!-- Reservation duration in seconds, measured from the time the service is instantiated. A negative value means that the schedule is indefinite. --> <xsd:element name="duration" type="xsd:integer"/> </xsd:choice> </xsd:sequence> </xsd:complexType> </pre>

Complex Type tns:ServiceParametersType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Diagram	
Used by	Element tns:ReservationGroup/serviceParameters
Model	bandwidth , directionality , pathObject , guaranteed{0,1} , preferred{0,1}
Children	bandwidth, directionality, guaranteed, pathObject, preferred
Source	<pre> <xsd:complexType name="ServiceParametersType"> <xsd:sequence> <xsd:element name="bandwidth" type="tns:BandwidthType"/> <xsd:element name="directionality" type="tns:DirectionalityType"/> <xsd:element name="pathObject" type="tns:PathObjectType"/> <xsd:element name="guaranteed" type="tns:AttributeSequenceType" minOccurs="0"/> <xsd:element name="preferred" type="tns:AttributeSequenceType" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </pre>

Complex Type tns:BandwidthType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Diagram	
Used by	Element tns:ServiceParametersType/bandwidth
Model	desired , minimum{0,1} , maximum{0,1}
Children	desired, maximum, minimum
Source	<pre> <xsd:complexType name="BandwidthType"> <xsd:sequence> <xsd:element name="desired" type="xsd:integer"/> <xsd:element name="minimum" type="xsd:integer" minOccurs="0"/> <xsd:element name="maximum" type="xsd:integer" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </pre>

Complex Type tns:PathObjectType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Diagram	
Used by	Element tns:ServiceParametersType/pathObject
Model	sourceSTP , destSTP , orderedStpList{0,1}
Children	destSTP, orderedStpList, sourceSTP
Source	<pre> <xsd:complexType name="PathObjectType"> <xsd:sequence> <!-- Source STP of the service. --> <xsd:element name="sourceSTP" type="tns:ServiceTerminationPointType" /> <!-- Destination STP of the service. --> <xsd:element name="destSTP" type="tns:ServiceTerminationPointType" /> <!-- Hop-by-hop ordered list of STP from sourceSTP to destSTP. List does not include sourceSTP and destSTP. --> <xsd:element name="orderedStpList" type="tns:OrderedStpListType" minOccurs="0" /> </xsd:sequence> </xsd:complexType> </pre>

Complex Type tns:ServiceTerminationPointType

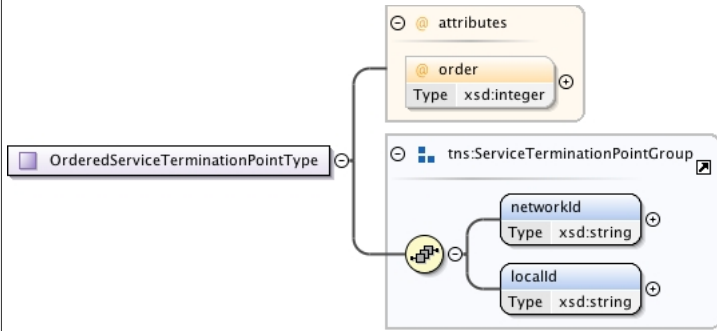
Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Diagram	
Used by	Elements tns:PathObjectType/destSTP, tns:PathObjectType/sourceSTP
Model	networkId , localId
Children	localId, networkId
Source	<pre> <xsd:complexType name="ServiceTerminationPointType"> <xsd:group ref="tns:ServiceTerminationPointGroup" /> </xsd:complexType> </pre>

Complex Type tns:OrderedStpListType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Annotations	<p>OrderedStpListType</p> <p>A simple ordered list if list of Service Termination Point (STP). List order is determined by the interger order attribute in the OrderedServiceTerminationPointType.</p> <p>Elements:</p> <p>stp - A list of STP ordered 0..n by their integer order attribute.</p>
Diagram	
Used by	Element tns:PathObjectType/orderedStpList
Model	stp*
Children	stp
Source	<pre> <xsd:complexType name="OrderedStpListType"> <xsd:annotation> </pre>

```
<xsd:documentation>OrderedStpListType A simple ordered list if list of Service  
Termination Point (STP). List order is determined by the interger order attribute in the  
OrderedServiceTerminationPointType. Elements: stp - A list of STP ordered 0..n by their  
integer order attribute.</xsd:documentation>  
</xsd:annotation>  
<xsd:sequence>  
  <xsd:element name="stp" type="tns:OrderedServiceTerminationPointType" minOccurs="0"  
    maxOccurs="unbounded" />  
</xsd:sequence>  
</xsd:complexType>
```

Complex Type tns:OrderedServiceTerminationPointType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types				
Annotations	<div>OrderedServiceTerminationPointType</div> <p>A Service Termination Point (STP) which can be ordered in a list for use in PathObject definition.</p> <p>Attributes:</p> <p>order - Order attribute is provided only when the STP is part of an orderedStpList.</p> <p>Elements:</p> <p>ServiceTerminationPointGroup - see group definitions for elements.</p>				
Diagram					
Used by	Element	tns:OrderedStpListType/stp			
Model	networkId , localId				
Children	localId, networkId				
Attributes	QName	Type	Fixed	Default	Use
	order	xsd:integer			optional
Source	<pre><xsd:complexType name="OrderedServiceTerminationPointType"> <xsd:annotation> <xsd:documentation>OrderedServiceTerminationPointType A Service Termination Point (STP) which can be ordered in a list for use in PathObject definition. Attributes: order - Order attribute is provided only when the STP is part of an orderedStpList. Elements: ServiceTerminationPointGroup - see group definitions for elements.</xsd:documentation> </xsd:annotation> <xsd:group ref="tns:ServiceTerminationPointGroup"/> <xsd:attribute name="order" type="xsd:integer"/> </xsd:complexType></pre>				

Complex Type tns:ReserveConfirmedType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types				
Annotations	<p>ReserveConfirmedType</p> <p>This is the type definition for the reserveConfirmed message.</p> <p>Elements:</p> <p>CommonParametersGroup - See group definition for element members of the common NSI protocol parameters.</p> <p>reservation - Parameters chosen for the connection reservation.</p>				

Diagram	
Model	requesterNSA , providerNSA , transactionId , securityAttr{0,1} , reservation
Children	providerNSA, requesterNSA, reservation, securityAttr, transactionId
Source	<pre> <xsd:complexType name="ReserveConfirmedType"> <xsd:annotation> <xsd:documentation>ReserveConfirmedType This is the type definition for the reserveConfirmed message. Elements: CommonParametersGroup - See group definition for element members of the common NSI protocol parameters. reservation - Parameters chosen for the connection reservation.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:group ref="tns:CommonParametersGroup"/> <xsd:element name="reservation" type="tns:ReservationInfoType"/> </xsd:sequence> </xsd:complexType> </pre>

Complex Type tns:ReservationInfoType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Diagram	
Used by	Elements tns:QueryConfirmedType/reservation, tns:ReserveConfirmedType/reservation
Model	globalReservationId{0,1} , description{0,1} , connectionId , schedule , serviceParameters , connectionState
Children	connectionId, connectionState, description, globalReservationId, schedule, serviceParameters
Source	<pre> <xsd:complexType name="ReservationInfoType"> <xsd:sequence> <!-- Pull in common reservation elements. --> <xsd:group ref="tns:ReservationGroup"/> <!-- Overall connection state. Not populated in requests. --> <xsd:element name="connectionState" type="tns:ConnectionStateType"/> </xsd:sequence> </xsd:complexType> </pre>

Complex Type tns:QueryRequestType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
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Annotations	<p>QueryRequestType</p> <p>Type definition for the queryRequest message providing a mechanism for either Requester or Provider NSA to query the other NSA for a set of connection service instances between the RA-PA pair. This message can be also be used as a status polling mechanism.</p> <p>Elements:</p> <p>CommonParametersGroup - See group definition for element members of the common NSI protocol parameters.</p> <p>ReplyTo - Requester NSA's SOAP endpoint address to which the asynchronous Confirmed or Failed message associated with this request will be delivered.</p> <p>queryFilter - Parameter specifying the query criteria to match against reserved connections. Any matching connections must be returned.</p>
Diagram	<pre> classDiagram class QueryRequestType { +tns:CommonParametersGroup +replyTo +queryFilter } class tnsCommonParametersGroup { +requesterNSA +providerNSA +transactionId +securityAttr } QueryRequestType --> tnsCommonParametersGroup QueryRequestType --> replyTo QueryRequestType --> queryFilter </pre>
Model	requesterNSA , providerNSA , transactionId , securityAttr{0,1} , replyTo , queryFilter
Children	providerNSA, queryFilter, replyTo, requesterNSA, securityAttr, transactionId
Source	<pre> <xsd:complexType name="QueryRequestType"> <xsd:annotation> <xsd:documentation>QueryRequestType Type definition for the queryRequest message providing a mechanism for either Requester or Provider NSA to query the other NSA for a set of connection service instances between the RA-PA pair. This message can be also be used as a status polling mechanism. Elements: CommonParametersGroup - See group definition for element members of the common NSI protocol parameters. ReplyTo - Requester NSA's SOAP endpoint address to which the asynchronous Confirmed or Failed message associated with this request will be delivered. queryFilter - Parameter specifying the query criteria to match against reserved connections. Any matching connections must be returned.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:group ref="tns:CommonParametersGroup"/> <xsd:element name="replyTo" type="xsd:anyURI"/> <xsd:element name="queryFilter" type="tns:QueryFilterType"/> </xsd:sequence> </xsd:complexType> </pre>

Complex Type tns:QueryFilterType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Annotations	<p>QueryFilterType</p> <p>A filter for specifying the reservations to return in response to a queryRequest.</p> <p>Supports querying based on connectionId, globalReservationId, or connectionState (criteria up for discussion). Filter items specified are OR'ed to build the match criteria. If no criteria is specified then all reservations associated with the requesting NSA are returned.</p>

Diagram	
Used by	Element tns:QueryRequestType/queryFilter
Model	(connectionId* globalReservationId* connectionState{0,10})
Children	connectionId, connectionState, globalReservationId
Source	<pre> <xsd:complexType name="QueryFilterType"> <xsd:annotation> <xsd:documentation>QueryFilterType A filter for specifying the reservations to return in response to a queryRequest. Supports querying based on connectionId, globalReservationId, or connectionState (criteria up for discussion). Filter items specified are OR'ed to build the match criteria. If no criteria is specified then all reservations associated with the requesting NSA are returned.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:choice> <xsd:element name="connectionId" type="xsd:string" minOccurs="0" maxOccurs="unbounded" /> <xsd:element name="globalReservationId" type="xsd:anyURI" minOccurs="0" maxOccurs="unbounded" /> <xsd:element name="connectionState" type="tns:ConnectionStateType" minOccurs="0" maxOccurs="10" /> </xsd:choice> </xsd:sequence> </xsd:complexType> </pre>

Complex Type tns:QueryConfirmedType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Annotations	<p>QueryConfirmedType</p> <p>This is the type definition for the reserveConfirmed message.</p> <p>Elements:</p> <p>CommonParametersGroup - See group definition for element members of the common NSI protocol parameters.</p> <p>reservation - Parameters chosen for the connection reservation.</p>
Diagram	
Model	requesterNSA , providerNSA , transactionId , securityAttr{0,1} , reservation*
Children	providerNSA, requesterNSA, reservation, securityAttr, transactionId
Source	<pre> <xsd:complexType name="QueryConfirmedType"> <xsd:annotation> <xsd:documentation>QueryConfirmedType This is the type definition for the reserveConfirmed message. Elements: CommonParametersGroup - See group definition for element members of the common NSI protocol parameters. reservation - Parameters chosen for the connection reservation.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:group ref="tns:CommonParametersGroup"/> <xsd:element name="reservation" type="tns:ReservationInfoType" minOccurs="0" maxOccurs="unbounded" /> </xsd:sequence> </xsd:complexType> </pre>

```
</xsd:sequence>
</xsd:complexType>
```

Complex Type tns:GenericRequestType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Annotations	<p>GenericRequestType</p> <p>This is a generic type definition for request messages such as provision, release, and cancel.</p> <p>Elements:</p> <p>CommonParametersGroup - See group definition for element members of the common NSI protocol parameters.</p> <p>ReplyTo - Requester NSA's SOAP endpoint address to which the asynchronous Confirmed or Failed message associated with this request will be delivered.</p> <p>connectionId - The locally unique identifier for a connection that is known between a Requesting and Provider NSA pair.</p>
Diagram	
Model	requesterNSA , providerNSA , transactionId , securityAttr{0,1} , replyTo , connectionId
Children	connectionId, providerNSA, replyTo, requesterNSA, securityAttr, transactionId
Source	<pre><xsd:complexType name="GenericRequestType"> <xsd:annotation> <xsd:documentation>GenericRequestType This is a generic type definition for request messages such as provision, release, and cancel. Elements: CommonParametersGroup - See group definition for element members of the common NSI protocol parameters. ReplyTo - Requester NSA's SOAP endpoint address to which the asynchronous Confirmed or Failed message associated with this request will be delivered. connectionId - The locally unique identifier for a connection that is known between a Requesting and Provider NSA pair.</ </xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:group ref="tns:CommonParametersGroup"/> <xsd:element name="replyTo" type="xsd:anyURI"/> <xsd:element name="connectionId" type="xsd:string"/> </xsd:sequence> </xsd:complexType></pre>

Complex Type tns:GenericConfirmedType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Annotations	<p>GenericConfirmedType</p> <p>This is a generic type definition for a "Confirmed" messages in response to a successful processing of a previous "Request" message.</p> <p>Elements:</p> <p>CommonParametersGroup - See group definition for element members of the common NSI protocol parameters.</p> <p>connectionId - The locally unique identifier for a connection</p>

	that is known between a Requesting and Provider NSA pair.
Diagram	
Model	requesterNSA , providerNSA , transactionId , securityAttr{0,1} , connectionId
Children	connectionId, providerNSA, requesterNSA, securityAttr, transactionId
Source	<pre> <xsd:complexType name="GenericConfirmedType"> <xsd:annotation> <xsd:documentation>GenericConfirmedType This is a generic type definition for a "Confirmed" messages in response to a successful processing of a previous "Request" message. Elements: CommonParametersGroup - See group definition for element members of the common NSI protocol parameters. connectionId - The locally unique identifier for a connection that is known between a Requesting and Provider NSA pair.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:group ref="tns:CommonParametersGroup"/> <xsd:element name="connectionId" type="xsd:string"/> </xsd:sequence> </xsd:complexType> </pre>

Complex Type tns:GenericResponseType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Annotations	<p>GenericResponseType</p> <p>A generic response message type used acknowledge acceptance for processing of a request operation.</p> <p>Elements:</p> <p>transactionId - A transaction identifier provided by the requesting NSA used for operation correlation.</p>
Diagram	
Model	transactionId
Children	transactionId
Source	<pre> <xsd:complexType name="GenericResponseType"> <xsd:annotation> <xsd:documentation>GenericResponseType A generic response message type used acknowledge acceptance for processing of a request operation. Elements: transactionId - A transaction identifier provided by the requesting NSA used for operation correlation.</ xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="transactionId" type="xsd:string"/> </xsd:sequence> </xsd:complexType> </pre>

Complex Type tns:GenericFailedType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Annotations	<p>GenericFailedType</p> <p>A generic "Failed" message type sent as request in response to a failure to process a previous protocol "Request" message.</p> <p>Elements:</p> <p>CommonParametersGroup - See group definition for element members</p>

	<p>of the common NSI protocol parameters.</p> <p>connectionId - The locally unique identifier for a connection that is known between a Requesting and Provider NSA pair.</p> <p>Choice of specific error condition - the reason for the failure: ServiceException - A service specific error has occurred.</p> <p>PolicyException - A policy specific error has occurred.</p> <p>AuthException - An authentication or authorization error has occurred.</p>
Diagram	
Model	requesterNSA , providerNSA , transactionId , securityAttr{0,1} , connectionId , ServiceException
Children	ServiceException, connectionId, providerNSA, requesterNSA, securityAttr, transactionId
Source	<pre> <xsd:complexType name="GenericFailedType"> <xsd:annotation> <xsd:documentation>GenericFailedType A generic "Failed" message type sent as request in response to a failure to process a previous protocol "Request" message. Elements: CommonParametersGroup - See group definition for element members of the common NSI protocol parameters. connectionId - The locally unique identifier for a connection that is known between a Requesting and Provider NSA pair. Choice of specific error condition - the reason for the failure: ServiceException - A service specific error has occurred. PolicyException - A policy specific error has occurred. AuthException - An authentication or authorization error has occurred.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:group ref="tns:CommonParametersGroup"/> <xsd:element name="connectionId" type="xsd:string"/> <xsd:element name="ServiceException" type="tns:NsiExceptionType"/> </xsd:sequence> </xsd:complexType> </pre>


Complex Type tns:NsiExceptionType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Annotations	<p>NsiExceptionType</p> <p>Common NSI exception used for both SOAP faults and the protocol Failed message.</p> <p>Elements: messageId - Message identifier uniquely identifying each fault within the protocol.</p> <p>text - Message text, with replacement variables marked with %#.</p> <p>variables - Variables to substitute into text string above.</p>
Diagram	


Used by	Element tns:GenericFailedType/ServiceException
Model	messageId , text , variables*
Children	messageId, text, variables
Source	<pre> <xsd:complexType name="NsiExceptionType"> <xsd:annotation> <xsd:documentation>NsiExceptionType Common NSI exception used for both SOAP faults and the protocol Failed message. Elements: messageId - Message identifier uniquely identifying each fault within the protocol. text - Message text, with replacement variables marked with %#. variables - Variables to substitute into text string above.</ xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="messageId" type="xsd:string"/> <xsd:element name="text" type="xsd:string"/> <xsd:element name="variables" type="xsd:string" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </pre>

Simple Type(s)

Simple Type tns:DirectionalityType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types				
Diagram					
Type	restriction of xsd:string				
Facets	<table border="1"> <tr><td>enumeration</td><td>bidirectional</td></tr> <tr><td>enumeration</td><td>unidirectional</td></tr> </table>	enumeration	bidirectional	enumeration	unidirectional
enumeration	bidirectional				
enumeration	unidirectional				
Used by	Element tns:ServiceParametersType/directionality				
Source	<pre> <xsd:simpleType name="DirectionalityType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="bidirectional"/> <xsd:enumeration value="unidirectional"/> </xsd:restriction> </xsd:simpleType> </pre>				

Simple Type tns:ConnectionStateType

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types																				
Annotations	<p>ConnectionStateType</p> <p>Connection state values for the connection services state machine.</p>																				
Diagram																					
Type	restriction of xsd:string																				
Facets	<table border="1"> <tr><td>enumeration</td><td>Initial</td></tr> <tr><td>enumeration</td><td>Reserving</td></tr> <tr><td>enumeration</td><td>Reserved</td></tr> <tr><td>enumeration</td><td>Scheduled</td></tr> <tr><td>enumeration</td><td>Provisioning</td></tr> <tr><td>enumeration</td><td>In-Service</td></tr> <tr><td>enumeration</td><td>Releasing</td></tr> <tr><td>enumeration</td><td>Canceling</td></tr> <tr><td>enumeration</td><td>Terminated</td></tr> <tr><td>enumeration</td><td>Unknown</td></tr> </table>	enumeration	Initial	enumeration	Reserving	enumeration	Reserved	enumeration	Scheduled	enumeration	Provisioning	enumeration	In-Service	enumeration	Releasing	enumeration	Canceling	enumeration	Terminated	enumeration	Unknown
enumeration	Initial																				
enumeration	Reserving																				
enumeration	Reserved																				
enumeration	Scheduled																				
enumeration	Provisioning																				
enumeration	In-Service																				
enumeration	Releasing																				
enumeration	Canceling																				
enumeration	Terminated																				
enumeration	Unknown																				
Used by	Elements tns:QueryFilterType/connectionState, tns:ReservationInfoType/connectionState																				
Source	<pre> <xsd:simpleType name="ConnectionStateType"> <xsd:annotation> <xsd:documentation>ConnectionStateType Connection state values for the connection services state machine.</xsd:documentation> </pre>																				

```

</xsd:annotation>
<xsd:restriction base="xsd:string">
  <xsd:enumeration value="Initial" />
  <xsd:enumeration value="Reserving" />
  <xsd:enumeration value="Reserved" />
  <xsd:enumeration value="Scheduled" />
  <xsd:enumeration value="Provisioning" />
  <xsd:enumeration value="In-Service" />
  <xsd:enumeration value="Releasing" />
  <xsd:enumeration value="Canceling" />
  <xsd:enumeration value="Terminated" />
  <xsd:enumeration value="Unknown" />
</xsd:restriction>
</xsd:simpleType>

```

Element Group(s)

Element Group tns:CommonParametersGroup

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Annotations	<p>CommonParametersGroup</p> <p>A common set of parameters for all NSI operations.</p> <p>Elements:</p> <p>requesterNSA - NSA that requested the NSI operation (Requestor Agent).</p> <p>providerNSA - NSA that services the NSI operation (Provider Agent).</p> <p>transactionId - A transaction identifier provided by the requesting NSA used to correlate to an asynchronous response.</p> <p>securityAttr - Security attributes for the NSI operation.</p>
Diagram	
Used by	<p>Complex Types</p> <p>tns:GenericConfirmedType, tns:GenericFailedType, tns:GenericRequestType, tns:QueryConfirmedType, tns:QueryRequestType, tns:ReserveConfirmedType, tns:ReserveRequestType</p>
Model	requesterNSA , providerNSA , transactionId , securityAttr{0,1}
Children	providerNSA, requesterNSA, securityAttr, transactionId
Source	<pre> <xs:group name="CommonParametersGroup"> <xs:annotation> <xs:documentation>CommonParametersGroup A common set of parameters for all NSI operations. Elements: requesterNSA - NSA that requested the NSI operation (Requestor Agent). providerNSA - NSA that services the NSI operation (Provider Agent). transactionId - A transaction identifier provided by the requesting NSA used to correlate to an asynchronous response. securityAttr - Security attributes for the NSI operation.</ xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="requesterNSA" type="tns:NsaType"/> <xs:element name="providerNSA" type="tns:NsaType"/> <xs:element name="transactionId" type="xsd:string"/> <xs:element name="securityAttr" type="tns:AttributeSequenceType" minOccurs="0"/> </xs:sequence> </xs:group> </pre>

Element Group tns:ReservationGroup

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
-----------	---

Diagram	
Used by	Complex Types tns:ReservationInfoType, tns:ReservationRequestType
Model	globalReservationId{0,1} , description{0,1} , connectionId , schedule , serviceParameters
Children	connectionId, description, globalReservationId, schedule, serviceParameters
Source	<pre> <xsd:group name="ReservationGroup"> <xsd:sequence> <!-- An optional global reservation id that can be used to correlate individual related service reservations throught the network. It is recommended that a URN from the UUID namespace be used for this value.--> <xsd:element name="globalReservationId" type="xsd:anyURI" minOccurs="0"/> <!-- An optional description for the service reservation. --> <xsd:element name="description" type="xsd:string" minOccurs="0"/> <!-- The Requestor NSA assigned connectionID for this service. This value must be unique within the context of the Requestor NSA but not globally. --> <xsd:element name="connectionId" type="xsd:string"/> <!-- Time parameters relating to the reservation. --> <xsd:element name="schedule" type="tns:ScheduleType"/> <!-- Service parameters relating to the reservation. --> <xsd:element name="serviceParameters" type="tns:ServiceParametersType"/> </xsd:sequence> </xsd:group> </pre>

Element Group tns:ServiceTerminationPointGroup

Namespace	http://www.ogf.org/schema/nsi/connection/v1_0/types
Diagram	
Used by	Complex Types tns:OrderedServiceTerminationPointType, tns:ServiceTerminationPointType
Model	networkId , localId
Children	localId, networkId
Source	<pre> <xsd:group name="ServiceTerminationPointGroup"> <xsd:sequence> <!-- An abstract reference to a network containing the STP. --> <xsd:element name="networkId" type="xsd:string"/> <!-- A locally unique identifier for the STP within the target network. --> <xsd:element name="localId" type="xsd:string"/> </xsd:sequence> </xsd:group> </pre>

Namespace: ""

Element(s)

Element tns:CommonParametersGroup / requesterNSA

Namespace	No namespace
-----------	--------------

Diagram	
Type	tns:NsaType
Properties	content: complex
Model	nsaAddress , securityAttr{0,1}
Children	nsaAddress, securityAttr
Instance	<pre><requesterNSA> <nsaAddress>{1,1}</nsaAddress> <securityAttr>{0,1}</securityAttr> </requesterNSA></pre>
Source	<pre><xsd:element name="requesterNSA" type="tns:NsaType" /></pre>

Element tns:NsaType / nsaAddress

Namespace	No namespace
Diagram	
Type	xsd:anyURI
Properties	content: simple
Source	<pre><xsd:element name="nsaAddress" type="xsd:anyURI" /></pre>

Element tns:NsaType / securityAttr


Namespace	No namespace
Diagram	
Type	tns:AttributeSequenceType
Properties	content: complex minOccurs: 0
Model	attribute*
Children	attribute
Instance	<pre><securityAttr> <attribute>{0,unbounded}</attribute> </securityAttr></pre>
Source	<pre><xsd:element name="securityAttr" type="tns:AttributeSequenceType" minOccurs="0" /></pre>

Element tns:AttributeSequenceType / attribute


Namespace	No namespace
Diagram	
Type	tns:AttributeType
Properties	content: complex minOccurs: 0

	maxOccurs: unbounded
Model	attributeName , attributeValue*
Children	attributeName, attributeValue
Instance	<pre><attribute> <attributeName>{1,1}</attributeName> <attributeValue>{0,unbounded}</attributeValue> </attribute></pre>
Source	<pre><xsd:element name="attribute" type="tns:AttributeType" minOccurs="0" maxOccurs="unbounded" /></pre>

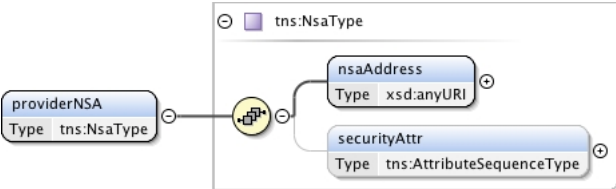
Element tns:AttributeType / attributeName

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple
Source	<pre><xsd:element name="attributeName" type="xsd:string" /></pre>


Element tns:AttributeType / attributeValue

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: unbounded
Source	<pre><xsd:element name="attributeValue" type="xsd:string" minOccurs="0" maxOccurs="unbounded" /></pre>

Element tns:CommonParametersGroup / providerNSA

Namespace	No namespace
Diagram	
Type	tns:NsaType
Properties	content: complex
Model	nsaAddress , securityAttr{0,1}
Children	nsaAddress, securityAttr
Instance	<pre><providerNSA> <nsaAddress>{1,1}</nsaAddress> <securityAttr>{0,1}</securityAttr> </providerNSA></pre>
Source	<pre><xsd:element name="providerNSA" type="tns:NsaType" /></pre>

Element tns:CommonParametersGroup / transactionId

Namespace	No namespace
Diagram	
Type	xsd:string

Properties	content: simple
Source	<code><xsd:element name="transactionId" type="xsd:string"/></code>

Element `tns:CommonParametersGroup` / `securityAttr`

Namespace	No namespace
Diagram	
Type	<code>tns:AttributeSequenceType</code>
Properties	content: complex minOccurs: 0
Model	attribute*
Children	attribute
Instance	<pre><securityAttr> <attribute>{0,unbounded}</attribute> </securityAttr></pre>
Source	<code><xsd:element name="securityAttr" type="tns:AttributeSequenceType" minOccurs="0"/></code>

Element `tns:ReserveRequestType` / `replyTo`


Namespace	No namespace
Diagram	
Type	<code>xsd:anyURI</code>
Properties	content: simple
Source	<code><xsd:element name="replyTo" type="xsd:anyURI"/></code>

Element `tns:ReserveRequestType` / `reservation`


Namespace	No namespace
Diagram	
Type	<code>tns:ReservationRequestType</code>
Properties	content: complex
Model	<code>globalReservationId{0,1}</code> , <code>description{0,1}</code> , <code>connectionId</code> , <code>schedule</code> , <code>serviceParameters</code>
Children	<code>connectionId</code> , <code>description</code> , <code>globalReservationId</code> , <code>schedule</code> , <code>serviceParameters</code>
Instance	<pre><reservation> <globalReservationId>{0,1}</globalReservationId> <description>{0,1}</description> <connectionId>{1,1}</connectionId> <schedule>{1,1}</schedule> <serviceParameters>{1,1}</serviceParameters></pre>

	<code></reservation></code>
Source	<code><xsd:element name="reservation" type="tns:ReservationRequestType"/></code>


Element `tns:ReservationGroup` / `globalReservationId`

Namespace	No namespace
Diagram	
Type	xsd:anyURI
Properties	content: simple minOccurs: 0
Source	<code><xsd:element name="globalReservationId" type="xsd:anyURI" minOccurs="0"/></code>

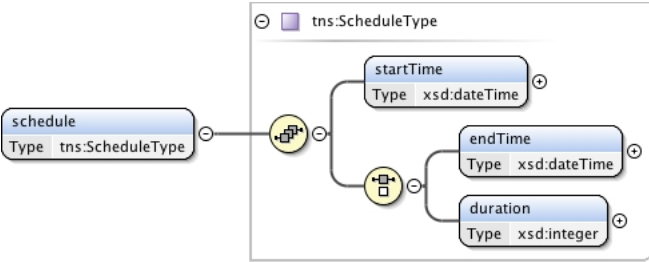
Element `tns:ReservationGroup` / `description`

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple minOccurs: 0
Source	<code><xsd:element name="description" type="xsd:string" minOccurs="0"/></code>

Element `tns:ReservationGroup` / `connectionId`


Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple
Source	<code><xsd:element name="connectionId" type="xsd:string"/></code>

Element `tns:ReservationGroup` / `schedule`


Namespace	No namespace
Diagram	
Type	tns:ScheduleType
Properties	content: complex
Model	startTime, (endTime duration)
Children	duration, endTime, startTime
Instance	<pre><schedule> <startTime>{1,1}</startTime> </schedule></pre>
Source	<code><xsd:element name="schedule" type="tns:ScheduleType"/></code>

Element `tns:ScheduleType` / `startTime`


Namespace	No namespace
-----------	--------------

Diagram	
Type	xsd:dateTime
Properties	content: simple
Source	<code><xsd:element name="startTime" type="xsd:dateTime"/></code>

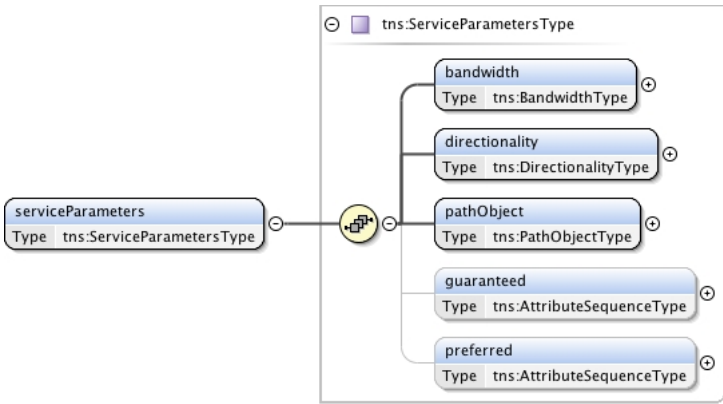
Element tns:ScheduleType / endTime

Namespace	No namespace
Diagram	
Type	xsd:dateTime
Properties	content: simple
Source	<code><xsd:element name="endTime" type="xsd:dateTime"/></code>

Element tns:ScheduleType / duration

Namespace	No namespace
Diagram	
Type	xsd:integer
Properties	content: simple
Source	<code><xsd:element name="duration" type="xsd:integer"/></code>

Element tns:ReservationGroup / serviceParameters

Namespace	No namespace
Diagram	
Type	tns:ServiceParametersType
Properties	content: complex
Model	bandwidth , directionality , pathObject , guaranteed{0,1} , preferred{0,1}
Children	bandwidth, directionality, guaranteed, pathObject, preferred
Instance	<pre><serviceParameters> <bandwidth>{1,1}</bandwidth> <directionality>{1,1}</directionality> <pathObject>{1,1}</pathObject> <guaranteed>{0,1}</guaranteed> <preferred>{0,1}</preferred> </serviceParameters></pre>
Source	<code><xsd:element name="serviceParameters" type="tns:ServiceParametersType"/></code>

Element tns:ServiceParametersType / bandwidth

Namespace	No namespace
-----------	--------------

Diagram	
Type	tns:BandwidthType
Properties	content: complex
Model	desired , minimum{0,1} , maximum{0,1}
Children	desired, maximum, minimum
Instance	<pre><bandwidth> <desired>{1,1}</desired> <minimum>{0,1}</minimum> <maximum>{0,1}</maximum> </bandwidth></pre>
Source	<code><xsd:element name="bandwidth" type="tns:BandwidthType" /></code>

Element tns:BandwidthType / desired

Namespace	No namespace
Diagram	
Type	xsd:integer
Properties	content: simple
Source	<code><xsd:element name="desired" type="xsd:integer" /></code>

Element tns:BandwidthType / minimum

Namespace	No namespace
Diagram	
Type	xsd:integer
Properties	content: simple minOccurs: 0
Source	<code><xsd:element name="minimum" type="xsd:integer" minOccurs="0" /></code>

Element tns:BandwidthType / maximum

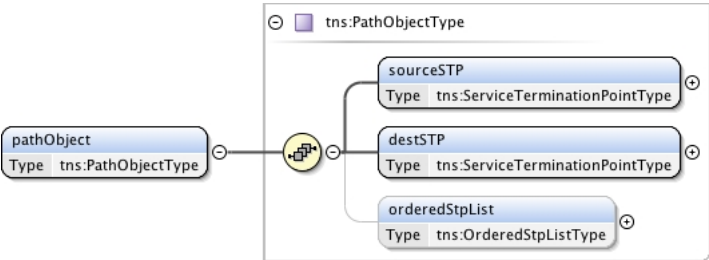
Namespace	No namespace
Diagram	
Type	xsd:integer
Properties	content: simple minOccurs: 0
Source	<code><xsd:element name="maximum" type="xsd:integer" minOccurs="0" /></code>

Element tns:ServiceParametersType / directionality

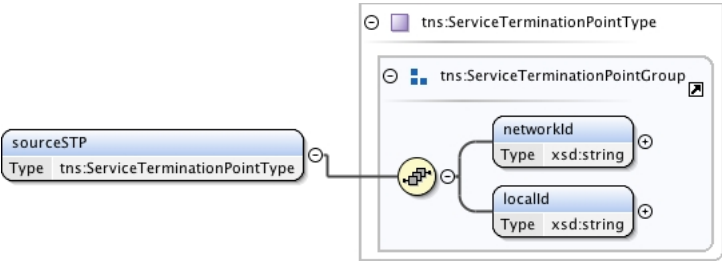
Namespace	No namespace
Diagram	

Type	tns:DirectionalityType
Properties	content: simple
Facets	enumeration bidirectional
	enumeration unidirectional
Source	<code><xsd:element name="directionality" type="tns:DirectionalityType"/></code>


Element tns:ServiceParametersType / pathObject

Namespace	No namespace
Diagram	 <p>The diagram shows a box for tns:PathObjectType. Inside, there is a pathObject element (Type: tns:PathObjectType) connected to a complex content container. This container has three children: sourceSTP (Type: tns:ServiceTerminationPointType), destSTP (Type: tns:ServiceTerminationPointType), and orderedStpList (Type: tns:OrderedStpListType). Each child is marked with a circle containing a plus sign, indicating a choice or sequence of elements.</p>
Type	tns:PathObjectType
Properties	content: complex
Model	sourceSTP , destSTP , orderedStpList{0,1}
Children	destSTP, orderedStpList, sourceSTP
Instance	<pre> <pathObject> <sourceSTP>{1,1}</sourceSTP> <destSTP>{1,1}</destSTP> <orderedStpList>{0,1}</orderedStpList> </pathObject> </pre>
Source	<code><xsd:element name="pathObject" type="tns:PathObjectType"/></code>

Element tns:PathObjectType / sourceSTP


Namespace	No namespace
Diagram	 <p>The diagram shows a box for tns:ServiceTerminationPointType. Inside, there is a sourceSTP element (Type: tns:ServiceTerminationPointType) connected to a complex content container. This container has two children: networkId (Type: xsd:string) and localId (Type: xsd:string). Each child is marked with a circle containing a plus sign, indicating a choice or sequence of elements.</p>
Type	tns:ServiceTerminationPointType
Properties	content: complex
Model	networkId , localId
Children	localId, networkId
Instance	<pre> <sourceSTP> <networkId>{1,1}</networkId> <localId>{1,1}</localId> </sourceSTP> </pre>
Source	<code><xsd:element name="sourceSTP" type="tns:ServiceTerminationPointType"/></code>

Element tns:ServiceTerminationPointGroup / networkId

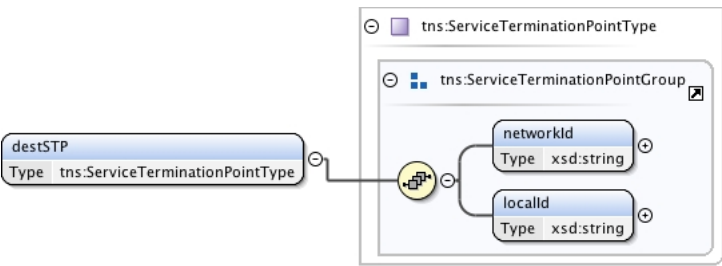
Namespace	No namespace
Diagram	 <p>The diagram shows a box for networkId (Type: xsd:string) connected to a simple content container (Type: xsd:string).</p>

Type	xsd:string
Properties	content: simple
Source	<code><xsd:element name="networkId" type="xsd:string"/></code>

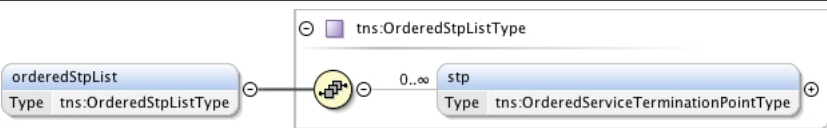
Element `tns:ServiceTerminationPointGroup` / `localId`

Namespace	No namespace
Diagram	 A diagram showing a box labeled 'localId' with 'Type xsd:string' below it, connected by a line to a purple box labeled 'xsd:string'.
Type	xsd:string
Properties	content: simple
Source	<code><xsd:element name="localId" type="xsd:string"/></code>

Element `tns:PathObjectType` / `destSTP`

Namespace	No namespace
Diagram	 A diagram showing a box labeled 'destSTP' with 'Type tns:ServiceTerminationPointType' below it, connected by a line to a yellow circle containing a plus sign. This circle is connected to a larger box labeled 'tns:ServiceTerminationPointType'. Inside this box is another box labeled 'tns:ServiceTerminationPointGroup' which contains two boxes: 'networkId' (Type xsd:string) and 'localId' (Type xsd:string).
Type	tns:ServiceTerminationPointType
Properties	content: complex
Model	networkId , localId
Children	localId, networkId
Instance	<pre><destSTP> <networkId>{1,1}</networkId> <localId>{1,1}</localId> </destSTP></pre>
Source	<code><xsd:element name="destSTP" type="tns:ServiceTerminationPointType"/></code>

Element `tns:PathObjectType` / `orderedStpList`

Namespace	No namespace
Diagram	 A diagram showing a box labeled 'orderedStpList' with 'Type tns:OrderedStpListType' below it, connected by a line to a yellow circle containing a plus sign. This circle is connected to a box labeled 'stp' with 'Type tns:OrderedServiceTerminationPointType' below it. The connection between the circle and the 'stp' box is labeled '0..∞'.
Type	tns:OrderedStpListType
Properties	content: complex minOccurs: 0
Model	stp*
Children	stp
Instance	<pre><orderedStpList> <stp order="">{0,unbounded}</stp> </orderedStpList></pre>
Source	<code><xsd:element name="orderedStpList" type="tns:OrderedStpListType" minOccurs="0"/></code>

Element `tns:OrderedStpListType` / `stp`

Namespace	No namespace
-----------	--------------

Diagram	<pre>graph LR subgraph stp_box [tns:OrderedServiceTerminationPointType] direction TB subgraph attributes order[order Type xsd:integer] end subgraph group [tns:ServiceTerminationPointGroup] direction TB networkId[networkId Type xsd:string] localId[localId Type xsd:string] end end stp_box --- group</pre>										
Type	tns:OrderedServiceTerminationPointType										
Properties	<table><tr><td>content:</td><td>complex</td></tr><tr><td>minOccurs:</td><td>0</td></tr><tr><td>maxOccurs:</td><td>unbounded</td></tr></table>					content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex										
minOccurs:	0										
maxOccurs:	unbounded										
Model	networkId , localId										
Children	localId, networkId										
Instance	<pre><stp order=""> <networkId>{1,1}</networkId> <localId>{1,1}</localId> </stp></pre>										
Attributes	QName	Type	Fixed	Default	Use						
	order	xsd:integer			optional						
Source	<pre><xsd:element name="stp" type="tns:OrderedServiceTerminationPointType" minOccurs="0" maxOccurs="unbounded" /></pre>										

Element tns:ServiceParametersType / guaranteed

Namespace	No namespace				
Diagram	<pre>classDiagram class guaranteed { Type tns:AttributeSequenceType } class attribute { Type tns:AttributeType } guaranteed "0..∞" --> attribute</pre>				
Type	tns:AttributeSequenceType				
Properties	<table><tr><td>content:</td><td>complex</td></tr><tr><td>minOccurs:</td><td>0</td></tr></table>	content:	complex	minOccurs:	0
content:	complex				
minOccurs:	0				
Model	attribute*				
Children	attribute				
Instance	<pre><guaranteed> <attribute>{0,unbounded}</attribute> </guaranteed></pre>				
Source	<pre><xsd:element name="guaranteed" type="tns:AttributeSequenceType" minOccurs="0" /></pre>				

Element tns:ServiceParametersType / preferred

Namespace	No namespace				
Diagram	<pre>classDiagram class preferred { Type tns:AttributeSequenceType } class attribute { Type tns:AttributeType } preferred --> "0..∞" attribute</pre>				
Type	tns:AttributeSequenceType				
Properties	<table><tr><td>content:</td><td>complex</td></tr><tr><td>minOccurs:</td><td>0</td></tr></table>	content:	complex	minOccurs:	0
content:	complex				
minOccurs:	0				

Model	attribute*
Children	attribute
Instance	<pre><preferred> <attribute>{0,unbounded}</attribute> </preferred></pre>
Source	<code><xsd:element name="preferred" type="tns:AttributeSequenceType" minOccurs="0"/></code>

Element `tns:ReserveConfirmedType` / `reservation`

Namespace	No namespace
Diagram	
Type	<code>tns:ReservationInfoType</code>
Properties	content: complex
Model	<code>globalReservationId{0,1}</code> , <code>description{0,1}</code> , <code>connectionId</code> , <code>schedule</code> , <code>serviceParameters</code> , <code>connectionState</code>
Children	<code>connectionId</code> , <code>connectionState</code> , <code>description</code> , <code>globalReservationId</code> , <code>schedule</code> , <code>serviceParameters</code>
Instance	<pre><reservation> <globalReservationId>{0,1}</globalReservationId> <description>{0,1}</description> <connectionId>{1,1}</connectionId> <schedule>{1,1}</schedule> <serviceParameters>{1,1}</serviceParameters> <connectionState>{1,1}</connectionState> </reservation></pre>
Source	<code><xsd:element name="reservation" type="tns:ReservationInfoType"/></code>

Element `tns:ReservationInfoType` / `connectionState`

Namespace	No namespace																
Diagram																	
Type	<code>tns:ConnectionStateType</code>																
Properties	content: simple																
Facets	<table> <tr><td>enumeration</td><td>Initial</td></tr> <tr><td>enumeration</td><td>Reserving</td></tr> <tr><td>enumeration</td><td>Reserved</td></tr> <tr><td>enumeration</td><td>Scheduled</td></tr> <tr><td>enumeration</td><td>Provisioning</td></tr> <tr><td>enumeration</td><td>In-Service</td></tr> <tr><td>enumeration</td><td>Releasing</td></tr> <tr><td>enumeration</td><td>Canceling</td></tr> </table>	enumeration	Initial	enumeration	Reserving	enumeration	Reserved	enumeration	Scheduled	enumeration	Provisioning	enumeration	In-Service	enumeration	Releasing	enumeration	Canceling
enumeration	Initial																
enumeration	Reserving																
enumeration	Reserved																
enumeration	Scheduled																
enumeration	Provisioning																
enumeration	In-Service																
enumeration	Releasing																
enumeration	Canceling																

	enumeration	Terminated
	enumeration	Unknown
Source	<code><xsd:element name="connectionState" type="tns:ConnectionStateType" /></code>	

Element `tns:QueryRequestType` / `replyTo`

Namespace	No namespace	
Diagram		
Type	xsd:anyURI	
Properties	content:	simple
Source	<code><xsd:element name="replyTo" type="xsd:anyURI" /></code>	

Element `tns:QueryRequestType` / `queryFilter`

Namespace	No namespace	
Diagram		
Type	tns:QueryFilterType	
Properties	content:	complex
Model	(connectionId* globalReservationId* connectionState{0,10})	
Children	connectionId, connectionState, globalReservationId	
Instance	<pre><queryFilter> <connectionId>{0,unbounded}</connectionId> <globalReservationId>{0,unbounded}</globalReservationId> <connectionState>{0,10}</connectionState> </queryFilter></pre>	
Source	<code><xsd:element name="queryFilter" type="tns:QueryFilterType" /></code>	

Element `tns:QueryFilterType` / `connectionId`

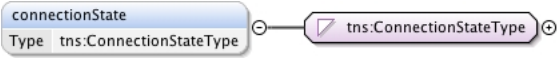
Namespace	No namespace	
Diagram		
Type	xsd:string	
Properties	content:	simple
	minOccurs:	0
	maxOccurs:	unbounded
Source	<code><xsd:element name="connectionId" type="xsd:string" minOccurs="0" maxOccurs="unbounded" /></code>	

Element `tns:QueryFilterType` / `globalReservationId`

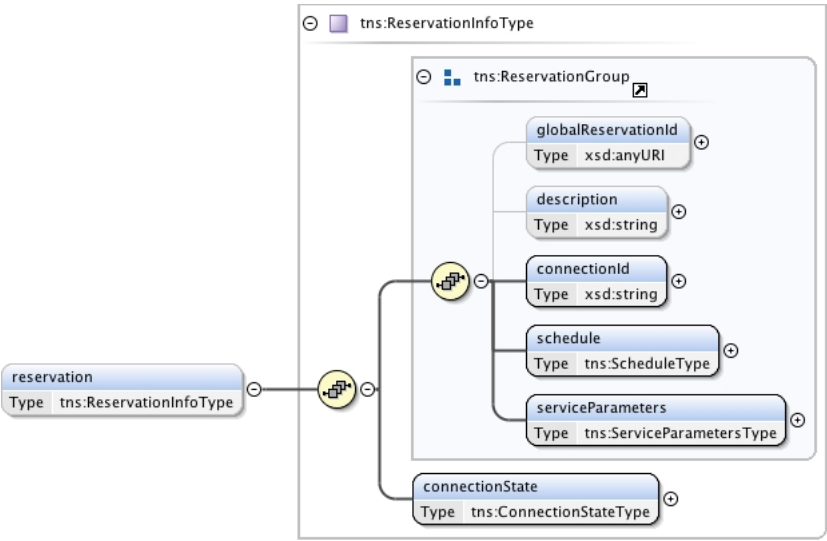
Namespace	No namespace	
Diagram		
Type	xsd:anyURI	
Properties	content:	simple
	minOccurs:	0

	maxOccurs: unbounded
Source	<pre><xsd:element name="globalReservationId" type="xsd:anyURI" minOccurs="0" maxOccurs="unbounded" /></pre>

Element tns:QueryFilterType / connectionState

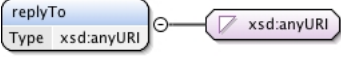
Namespace	No namespace																				
Diagram																					
Type	tns:ConnectionStateType																				
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>10</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	10														
content:	simple																				
minOccurs:	0																				
maxOccurs:	10																				
Facets	<table> <tr><td>enumeration</td><td>Initial</td></tr> <tr><td>enumeration</td><td>Reserving</td></tr> <tr><td>enumeration</td><td>Reserved</td></tr> <tr><td>enumeration</td><td>Scheduled</td></tr> <tr><td>enumeration</td><td>Provisioning</td></tr> <tr><td>enumeration</td><td>In-Service</td></tr> <tr><td>enumeration</td><td>Releasing</td></tr> <tr><td>enumeration</td><td>Canceling</td></tr> <tr><td>enumeration</td><td>Terminated</td></tr> <tr><td>enumeration</td><td>Unknown</td></tr> </table>	enumeration	Initial	enumeration	Reserving	enumeration	Reserved	enumeration	Scheduled	enumeration	Provisioning	enumeration	In-Service	enumeration	Releasing	enumeration	Canceling	enumeration	Terminated	enumeration	Unknown
enumeration	Initial																				
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enumeration	In-Service																				
enumeration	Releasing																				
enumeration	Canceling																				
enumeration	Terminated																				
enumeration	Unknown																				
Source	<pre><xsd:element name="connectionState" type="tns:ConnectionStateType" minOccurs="0" maxOccurs="10" /></pre>																				

Element tns:QueryConfirmedType / reservation


Namespace	No namespace						
Diagram							
Type	tns:ReservationInfoType						
Properties	<table> <tr><td>content:</td><td>complex</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	globalReservationId{0,1} , description{0,1} , connectionId , schedule , serviceParameters , connectionState						
Children	connectionId, connectionState, description, globalReservationId, schedule, serviceParameters						
Instance	<pre><reservation> <globalReservationId>{0,1}</globalReservationId></pre>						

	<pre> <description>{0,1}</description> <connectionId>{1,1}</connectionId> <schedule>{1,1}</schedule> <serviceParameters>{1,1}</serviceParameters> <connectionState>{1,1}</connectionState> </reservation> </pre>
Source	<pre> <xsd:element name="reservation" type="tns:ReservationInfoType" minOccurs="0" maxOccurs="unbounded"/> </pre>


Element tns:GenericRequestType / replyTo

Namespace	No namespace
Diagram	
Type	xsd:anyURI
Properties	content: simple
Source	<pre> <xsd:element name="replyTo" type="xsd:anyURI"/> </pre>


Element tns:GenericRequestType / connectionId

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple
Source	<pre> <xsd:element name="connectionId" type="xsd:string"/> </pre>


Element tns:GenericConfirmedType / connectionId

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple
Source	<pre> <xsd:element name="connectionId" type="xsd:string"/> </pre>

Element tns:GenericResponseType / transactionId

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple
Source	<pre> <xsd:element name="transactionId" type="xsd:string"/> </pre>

Element tns:GenericFailedType / connectionId

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple
Source	<pre> <xsd:element name="connectionId" type="xsd:string"/> </pre>

Element tns:GenericFailedType / ServiceException

Namespace	No namespace
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Diagram	
Type	tns:NsiExceptionType
Properties	content: complex
Model	messageId , text , variables*
Children	messageId, text, variables
Instance	<pre><ServiceException> <messageId>{1,1}</messageId> <text>{1,1}</text> <variables>{0,unbounded}</variables> </ServiceException></pre>
Source	<code><xsd:element name="ServiceException" type="tns:NsiExceptionType"/></code>

Element tns:NsiExceptionType / messageId

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple
Source	<code><xsd:element name="messageId" type="xsd:string"/></code>

Element tns:NsiExceptionType / text

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple
Source	<code><xsd:element name="text" type="xsd:string"/></code>

Element tns:NsiExceptionType / variables

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: unbounded
Source	<code><xsd:element name="variables" type="xsd:string" minOccurs="0" maxOccurs="unbounded"/></code>

Attribute(s)

Attribute tns:ServiceTerminationPointGroup / @order

Namespace	No namespace
Type	xsd:integer

Properties	content: simple
Used by	Complex Type tns:OrderedServiceTerminationPointType
Source	<code><xsd:attribute name="order" type="xsd:integer" /></code>

Attribute tns:OrderedServiceTerminationPointType / @order

Namespace	No namespace
Type	xsd:integer
Properties	content: simple
Source	<code><xsd:attribute name="order" type="xsd:integer" /></code>