



# SOAP bindings for Call Control

## Approved Version 1.0 – 29 May 2012

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**Open Mobile Alliance**  
OMA-TS-NGSI\_S\_Call\_Control-V1\_0-20120529-A

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# 1. Scope

This document specifies the SOAP binding for NGSI-4 interface [NGSI Call Control and Configuration]. As NGSI-4 is an extension to Parlay-X Part 2 [3GPP TS 29.199-2] and all the corresponding WSDL files from Parlay-X Part 2 are affected by the extensions defined by NGSI-4, all the corresponding WSDL are provided together.

## 2. References

### 2.1 Normative References

- [3GPP TS 29.199-2] “Open Service Access (OSA) Parlay X web services; Part 2:Third party call”, 3GPP TS 29.199-2 Rel.8, [URL:http://www.3gpp.org/](http://www.3gpp.org/)
- [NGSI Call Control and Configuration] “NGSI Call Control and Configuration”, Open Mobile Alliance™, OMA-TS-NGSI\_Call\_Control\_and\_Configuration -V1\_0, URL:<http://www.openmobilealliance.org/>
- [NGSI-SUP-CallControl] “WSDL package for NGSI Call Control”, Open Mobile Alliance™, OMA-SUP-WSDL\_ngsi\_call\_control-V1\_0, URL:<http://www.openmobilealliance.org/>
- [RFC2119] “Key words for use in RFCs to Indicate Requirement Levels”, S. Bradner, March 1997, [URL:http://www.ietf.org/rfc/rfc2119.txt](http://www.ietf.org/rfc/rfc2119.txt)
- [SCRRULES] “SCR Rules and Procedures”, Open Mobile Alliance™, OMA-ORG-SCR\_Rules\_and\_Procedures, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)

### 2.2 Informative References

- [OMADICT] “Dictionary for OMA Specifications”, Version 2.8, Open Mobile Alliance™, OMA-ORG-Dictionary-V2\_8, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)

## 3. Terminology and Conventions

### 3.1 Conventions

The key words “MUST”, “MUST NOT”, “REQUIRED”, “SHALL”, “SHALL NOT”, “SHOULD”, “SHOULD NOT”, “RECOMMENDED”, “MAY”, and “OPTIONAL” in this document are to be interpreted as described in [RFC2119].

All sections and appendixes, except “Scope” and “Introduction”, are normative, unless they are explicitly indicated to be informative.

### 3.2 Definitions

None in this version.

### 3.3 Abbreviations

NGSI	Next Generation Service Interfaces
NGSI-S	SOAP Binding for NGSI
OMA	Open Mobile Alliance

## 4. Introduction

The NGSI\_Call\_Control\_Extension interface extends Parlay-X Third Party Call interface (Part 2). The XSD file and WSDL files from Parlay-X Part 2 are used as basis for the extended data files.

To ensure consistency for the usage of the extended Parlay X Part 2 interface and to respect the references between the interfaces and the related XSD, this specification provides all updated WSDL and XSD files.

### 4.1 Version 1.0

This specification provides the SOAP binding for the NGSI-4 interfaces as specified in [NGSI Call Control and Configuration]. The WSDL representation and the verification files as listed in section 5 are contained in the support file [NGSI-SUP-CallControl].

## 5. WSDL for Call Control

The WSDL representation for the NGSI-4 interface is contained in the support file [NGSI-SUP-CallControl] and consists of the following files:

- `ngsi_third_party_call_interface-v1_0.wsdl`
- `ngsi_third_party_call_service-v1_0.wsdl`
- `ngsi_third_party_call_types-v1_0.xsd`

The above WSDL files can be verified using the following files:

- `ngsi4_wsdl2Java_axis-1_4.bat`
- `ngsi4_wsdl2Java_axis2-1_4_1.bat`



## Appendix A. Change History

(Informative)

### A.1 Approved Version History

Reference	Date	Description
OMA-TS-NGSI_S_Call_Control-V1_0-20120529-A	29 May 2012	Status changed to Approved by TP Ref TP Doc # OMA-TP-2012-0205-INP_NGSI_S_V1_0_for_Final_Approval

## Appendix B. Static Conformance Requirements (Normative)

The notation used in this appendix is specified in [SCRRULES].

The “Reference” column of the SCR tables below refers to a section in this document. Additionally, this column also refers to the appropriate section in the TS of the abstract interface definitions, if applicable.

Hereby, CCC-x stands for section x in [NGSI Call Control and Configuration] and PX2-x stands for section x in [3GPP TS 29.199-2].

### B.1 SCR for NGSI-4 Server

Item	Function	Reference	Requirement
NGSI-4-SUPPORT-S-001-M	Support for the Call Control extension Interface (NGSI-4)	5, CCC-5.1	
NGSI-4-SUPPORT-S-002-M	Support for the SOAP/ XML request & response format	5	

Table 1 SCR for NGSI-4 Server Functions

### B.2 SCR for NGSI-4.3PC Server

Item	Function	Reference	Requirement
NGSI-4-3PC-S-001-M	Support for the ThirdPartyCall Interface	5, PX2-8.1	
NGSI-4-3PC-S-002-M	Support for the Call Session	5, PX2-8.1.1	
NGSI-4-3PC-S-003-O	Support for the Call Session with a list of participants to be forwarded in forwarding	5, CCC-5.1.3.1.1	
NGSI-4-3PC-S-004-O	Support for the Call Session with ring back media extension	5, CCC-5.1.3.1.1	
NGSI-4-3PC-S-005-O	Support for the Call Session with alerting media extension	5, CCC-5.1.3.1.1	
NGSI-4-3PC-S-006-O	Support for the Call Session with address display setting extension for anonymous call	5, CCC-5.1.3.1.1	
NGSI-4-3PC-S-007-O	Support for the Call Session with call recording extension	5, CCC-5.1.3.1.1	NGSI-4-3PC-S-010-O NGSI-4-3PC-S-012-O
NGSI-4-3PC-S-008-M	Support for adding participant during a Call Session	5, PX2-8.1.1a	
NGSI-4-3PC-S-009-O	Support for adding participant during a Call Session with alerting media extension	5, CCC-5.1.3.1.1	
NGSI-4-3PC-S-010-O	Support for retrieving the recording status of call session	5, CCC-5.1.3.1.3	
NGSI-4-3PC-S-011-O	Support for starting and stopping the recording during a Call Session	5, CCC-5.1.3.1.4	
NGSI-4-3PC-S-012-O	Support for retrieving the recorded media	5, CCC-5.1.3.1.5	
NGSI-4-3PC-S-013-O	Support for NGSI-4 fault definitions	5, CCC-5.1.4	

Table 2 SCR for NGSI-4 Third-Party Call Server