



SOAP bindings for Call Control

Candidate Version 1.0 – 07 Dec 2010

Open Mobile Alliance
OMA-TS-NGSI_S_Call_Control-V1_0-20101207-C

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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
None yet.		

A.2 Draft/Candidate Version 1.0 History

Document Identifier	Date	Sections	Description
Draft Versions: OMA-TS-NGSI_S_Call_Control-V1_0	12 Aug 2010	All	Skeleton document created
	09 Sep 2010	Many	Implemented CR OMA-ARC-NGSI-2010-0175R01 Removed placeholders where appropriate.
	20 Oct 2010	Many	CRs implemented <ul style="list-style-type: none"> - OMA-ARC-NGSI-2010-0212 - OMA-ARC-NGSI-2010-0193R01
	21 Oct 2010	1	Editorial change
	22 Oct 2010	3,4	Groups' Review during confcall 21 October 2010
Candidate Version: OMA-TS-NGSI_S_Call_Control-V1_0	07 Dec 2010	All	Status changed to Candidate by TP: OMA-TP-2010-0500- INP_NGSI_S_V1_0_ERP_for_Candidate_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