

Enhanced Visual Call Object

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Open Mobile Alliance
OMA-TS-EVC_MO-V1_0-20180621-A

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1. Scope

This document defines the OMA Enhanced Visual Call (EVC) Management Object (MO). The MO is defined using the OMA Device Description Framework.

2. References

2.1 Normative References

- [OMA DM] “OMA Device Management”, Open Mobile Alliance™, OMA-ERP-DM-V1_3, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)
- [OMA EVC ER] “OMA Enhanced Visual Call”, Open Mobile Alliance™, OMA-ER-EVC-V1_0, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)
- [OMA XDM MO] “OMA Management Object for XML Document Management”, Version 2.1, Open Mobile Alliance™, OMA-TS-XDM_MO-V2_1, [URL:http://www.openmobilealliance.org/](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)
- [RFC4234] “Augmented BNF for Syntax Specifications: ABNF”. D. Crocker, Ed., P. Overell. October 2005, [URL:http://www.ietf.org/rfc/rfc4234.txt](http://www.ietf.org/rfc/rfc4234.txt)

2.2 Informative References

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

EVC Client	See [OMA EVC ER]
EVC Server	See [OMA EVC ER]
Management Object	See [OMA DM]

3.3 Abbreviations

DM	Device Management
EVC	Enhanced Visual Call
MO	Management Object
OMA	Open Mobile Alliance

4. Introduction

This document describes the configuration parameters and associated management object syntax that allows configuration of OMA EVC Client(s).

4.1 Version 1.0

The EVC MO Version 1.0 aims to provide the configuration parameters for the EVC Client.

The EVC MO Version 1.0 can be used for EVC 1.0 Enabler.

5. OMA EVC Management Object

This subclause defines the Management Object (MO) for OMA EVC. The MO SHOULD be used for initial provisioning of parameters when the OMA DM is to be used, and the MO SHOULD be used for continuous provisioning, which allows the service provider to update any parameter defined in the MO tree for service configurations during service deployment [OMA DM].

The OMA EVC Management Object consists of relevant parameters for configuration of EVC Client(s). It is defined using the OMA DM Device Description Framework as described in [OMA DM].

The Management Object Identifier is: urn:oma:mo:oma-EVC:1.0

Protocol compatibility: This MO is compatible with OMA DM 1.3 (see [OMA DM]).

Management object name: oma-EVC

5.1 Management Object Tree

This section describes the Management Object tree (i.e. nodes and leaf objects) for provisioning of OMA EVC Client(s).

Figure 1 shows the interior nodes and leaf objects defined under the OMA-EVC node, which is used for configuration of EVC Clients.

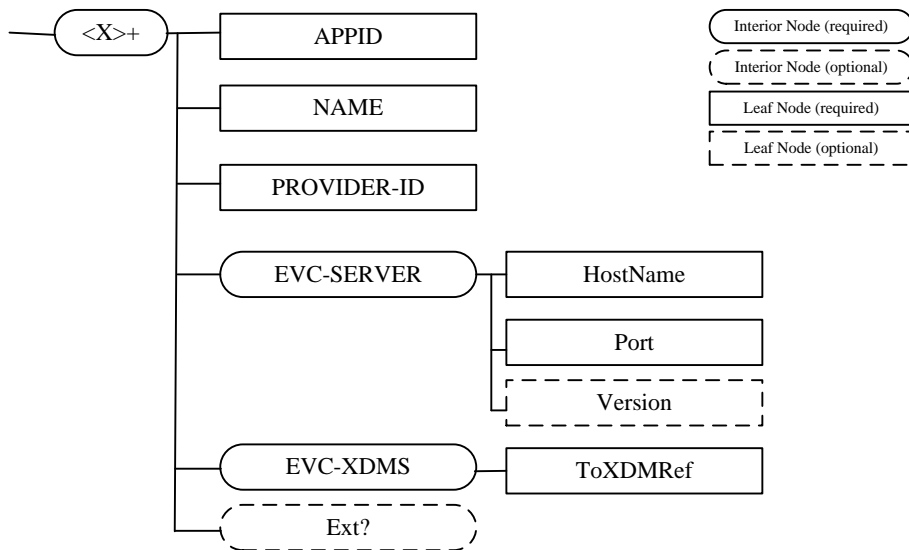


Figure 1: The OMA EVC Management Object tree

5.2 Management Object Parameters

This section describes the parameters for OMA EVC MO.

.../<x>

Status	Tree Occurrence	Format	Min. Access Types
Required	OneOrMore	node	Get

This interior node represents the unique object id of an *Enhanced Visual Call Management Object*, or EVC MO. The purpose of this interior node is to group together the parameters of a single EVC MO object. The ancestor elements of this node define the position in the management tree of the EVC MO.

The Management Object Identifier is: “urn:oma:mo:oma-EVC:1.0”

APPID

Status	Tree Occurrence	Format	Min. Access Types
Required	One	chr	Get

This parameter/leaf node provides an identifier for the application characteristics name for this application, to be used by DM Client to uniquely identify the application.

NAME

Status	Tree Occurrence	Format	Min. Access Types
Required	One	chr	Get

This parameter/leaf node provides an application name which is displayed in equipment and is specific for each service provider.

PROVIDER-ID

Status	Tree Occurrence	Format	Min. Access Types
Required	One	chr	Get

This parameter/leaf node provides an identity of the EVC service provider provides an identifier for the application service access point described by an APPLICATION characteristic.

EVC-SERVER

Status	Tree Occurrence	Format	Min. Access Types
Required	One	node	Get

This interior node represents the information to connect the EVC Server, such as Hostname and port and release version.

EVC-SERVER /HostName

Status	Tree Occurrence	Format	Min. Access Types
Required	One	chr	Get

This parameter/leaf node indicates the host name of the EVC Server.

EVC-SERVER /Port

Status	Tree Occurrence	Format	Min. Access Types
Required	One	int	Get

This parameter/leaf node indicates the port number of the EVC Server.

EVC-SERVER /Version

Status	Tree Occurrence	Format	Min. Access Types
Optional	ZeroOrOne	chr	Get

This parameter/leaf node indicates the release number of the EVC Server.

EVC-XDMS

Status	Tree Occurrence	Format	Min. Access Types
Required	One	node	Get

This interior node represents a container for configuring EVC XDMS related properties.

EVC-XDMS/ToXDMRef

Status	Tree Occurrence	Format	Min. Access Types
Required	One	chr	Get

This parameter/leaf node specifies a reference to XDM MO as defined in [XDM MO] that is used to configure the XDM Client associated with the EVC Client. The referenced XDM management object is either an existing instance on the client device or an instance specific to this EVC MO.

The value SHALL be a valid reference to a XDM Management Object.

Ext

Status	Tree Occurrence	Format	Min. Access Types
Optional	ZeroOrOne	node	Get

This interior node designates a branch of the <x> sub-tree into which vendor extensions MAY be added, permanently or dynamically. Ext sub tree provides flexible points of extension for vendor-specific parameters. However, vendor extensions MUST NOT be defined outside of Ext sub-tree.

This element can contain information about external content servers.

Appendix A. Change History

(Informative)

A.1 Approved Version History

Reference	Date	Description
OMA-TS-EVC_MO-V1_0-20180621-A	21 Jun 2018	Status changed to Approved by COM Doc Ref # OMA-COM-2018-0004-INP_EVC_V1_0_ERP_for_final_Approval