Media Gateway Control (Megaco)
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H.248 Annex K (Pre-Decision White Document)

1. Abstract

This document reproduces the content of the ITU-T Study Group 16 White Document draft of H.248 Annex K, which is scheduled for decision in Geneva in November 2000. H.248 Annex K provides the Generic Announcement package.

This document is submitted for IETF comment prior to ITU-T decision, in accordance with procedures currently being negotiated between ITU-T Study Group and ISOC on behalf of the IETF.

2. Conventions used in this document

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 RFC-2119 [2].

3. Generic Announcement PACKAGE

PackageID: an, 0x001d
Version: 1

Extends: None

That package supports announcement functionality at a Media Gateway

3.1 Properties

None

3.2 Events

3.2.1 Announcement completed

EventID: ac (0x0001)

Description: Indicates the completion of the announcement.

EventDescriptor parameters:

None

ObservedEventDescriptor parameters:

None

3.2.2 Announcement failure

EventID: af (0x0002)

Description: Indicates the failure of the announcement.

EventDescriptor parameters

None

ObservedEventDescriptor parameters

None

3.3 Signals

3.3.1 Fixed - Announcement play

SignalID: apf (0x0003)

Description: Initiates the play of a fixed announcement

Parameters:

Announcement name
ParameterID: an (0x0001)
Type: enumeration of announcements.
Default is TO

Number of cycles
ParameterID: noc (0x0002)
Type: integer.
Values: any
Default: 1

3.3.2 Variable - Announcement play

SignalID: apv (0x0004)

Description: Initiates the play of a variable announcement

Parameters:

Announcement name
ParameterID: an (0x0001)
Type: enumeration of announcements.
Default is TO

Number of cycles
ParameterID: noc (0x0002)
Type: integer.
Values: any
Default: 1

Number
ParameterID: num (0x0003)
Type: integer
Values: any

Specific parameters interpretation
ParameterID: spi (0x0004)
Type: enumeration
Values: any

Specific parameters
ParameterID: sp (0x0005)
Type: string
Values: any

Default is provisioned for every anouncement.

3.3.3 Statistics

None

3.3.4 Procedures

An MGC may send a fixed play announcements message to the MG. An MG receiving such a signal plays the indicated announcement (indicated

by the name parameter) for the duration specified by the noc parameter. If an noc parameter is not included, the MG uses a default of 1 cycle.

To provide additional information when an announcement is to be played, the MGC sends a play variable announcement signal to the MG. An MG receiving such a signal plays the indicated announcement (indicated by the name parameter) for the duration specified by the noc parameter. If an noc parameter is not included, the MG uses a default of 1. If the sp parameter is included, the MG uses the Specific parameters interpretation parameter to identify the particular type of information to be included in the announcement. Examples of the types of Specific parameters include a telephone number, date, or time.

4. Security Considerations

Security considerations regarding media gateway control are discussed in section 10 of [3].

5. References

1 Bradner, S., "The Internet Standards Process -- Revision 3", BCP 9, RFC 2026, October 1996.

2 Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, March 1997.

3 ITU-T Recommendation H.248, "Gateway Control Protocol", Geneva, June 2000. Also to appear as RFC xxxx (currently draft-ietf-megaco-merged-01.txt).

6. Authors' Addresses

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