



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

H.248.23

Corrigendum 1
(03/2004)

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ITU-T Recommendation H.248.23 (2003) – Corrigendum 1

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ITU-T Recommendation H.248.23

Gateway control protocol: Enhanced Alerting packages

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Summary

ITU-T Rec. H.248.23 defines two packages that provide enhanced alerting and data transfer capabilities for H.248. This corrigendum corrects the following aspects:

- Erroneous checksum in examples;
- Endian encoding reference.

Source

Corrigendum 1 to ITU-T Recommendation H.248.23 (2003) was approved on 15 March 2004 by ITU-T Study Group 16 (2001-2004) under the ITU-T Recommendation A.8 procedure.

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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Gateway control protocol: Enhanced Alerting packages

Corrigendum 1

6.3 Signals

6.3.1 Display with alerting

...

Additional parameters:

Display Data Block

ParameterID: ddb (0x0001)

Type: Octet String

Possible values: See description

Description:

The Display Data Block contains the message data with any required checksum to be sent to the CPE. Binary encoding is the binary data itself, while text encoding shall carry the data as a big-endian encoded hex string (~~Annex B.3/H.248.1~~). For example, in North America for basic Caller ID, this would be the SDMF or MDMF construct, including the checksum. The default value is an empty data block which will be silently discarded by the gateway.

...

6.3.2 Generic data signalling

...

Additional parameters:

Data Block

ParameterID: db (0x0001)

Type: Octet String

Possible values: See description

Description:

The Data Block contains the message data with any required checksum to be sent to the CPE. Binary encoding is the binary data itself, while text encoding shall carry the data as a big-endian encoded hex string (~~Annex B.3/H.248.1~~). The default value is an empty data block which will be acted upon as if there were data (such as playing a TAS tone to the set).

...

6.5 Procedures

...

To apply standard ringing and signal the Caller ID information, the following signals descriptor is used:

```
Signals{andisp/dwa{ddb=802001083035313831363135020A3931393535353030300708  
4A6F686E20446F65D5802001083035313831363135020A39313935353530303007084A  
6F686E20446F65D8,pattern=1}}
```

...

For the UK, Caller ID info is delivered by ringsplashing the set, sending the DWA data, and then applying normal ringing. The signal this descriptor used is the following:

```
Signals{andisp/dwa{ddb=802001083035313831363135020A3931393535353030300708  
4A6F686E20446F65D5802001083035313831363135020A39313935353530303007084A  
6F686E20446F65D8,pattern=1}}
```

NOTE – This is the same as the previous example, since TAS should be provisioned for the gateway's location.

...

To perform Call Waiting ID (off-hook signalling), the descriptor is identical to the on-hook case:

```
Signals{andisp/dwa{ddb=802001083035313831363135020A3931393535353030300708  
4A6F686E20446F65D5802001083035313831363135020A39313935353530303007084A  
6F686E20446F65D8,pattern=1}}
```

...

Binary encoding SHALL carry the binary data. Text encoding SHALL carry the data as a hex string (See Annex B.3/H.248.1) encoded as big-endian hex data.

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