International Telecommunication Union

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

G.988
Corrigendum 1
(06/2012)

SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS

Digital sections and digital line system – Optical line systems for local and access networks

ONU management and control interface (OMCI) specification

Corrigendum 1

Recommendation ITU-T G.988 (2010) – Corrigendum 1

International Telecommunication Union

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For further details, please refer to the list of ITU-T Recommendations.

Recommendation ITU-T G.988

ONU management and control interface (OMCI) specification

Corrigendum 1

Summary

Corrigendum 1 to Recommendation ITU-T G.988 (2010) corrects several errors introduced in Amendment 1 to this Recommendation. These included failure to show IPv6 in some of the relationship diagrams, and the incorrect scope of a new software image attribute.

History

Edition	Recommendation	Approval	Study Group
1.0	ITU-T G.988	2010-10-07	15
1.1	ITU-T G.988 (2010) Amd. 1	2011-04-13	15
1.2	ITU-T G.988 (2010) Amd. 2	2012-04-22	15
1.3	ITU-T G.988 (2010) Cor. 1	2012-06-13	15

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications, information and communication technologies (ICTs). 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.

NOTE

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

Compliance with this Recommendation is voluntary. However, the Recommendation may contain certain mandatory provisions (to ensure, e.g., interoperability or applicability) and compliance with the Recommendation is achieved when all of these mandatory provisions are met. The words "shall" or some other obligatory language such as "must" and the negative equivalents are used to express requirements. The use of such words does not suggest that compliance with the Recommendation is required of any party.

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As of the date of approval of this Recommendation, ITU had received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementers are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database at http://www.itu.int/ITU-T/ipr/.

Recommendation ITU-T G.988

ONU management and control interface (OMCI) specification

Corrigendum 1

1)   Scope

This corrigendum corrects several errors introduced in Amendment 1 to this Recommendation. These included failure to show IPv6 in some of the relationship diagrams, and the incorrect scope of a new software image attribute.

2)   Clause 8.2.8, VoIP service
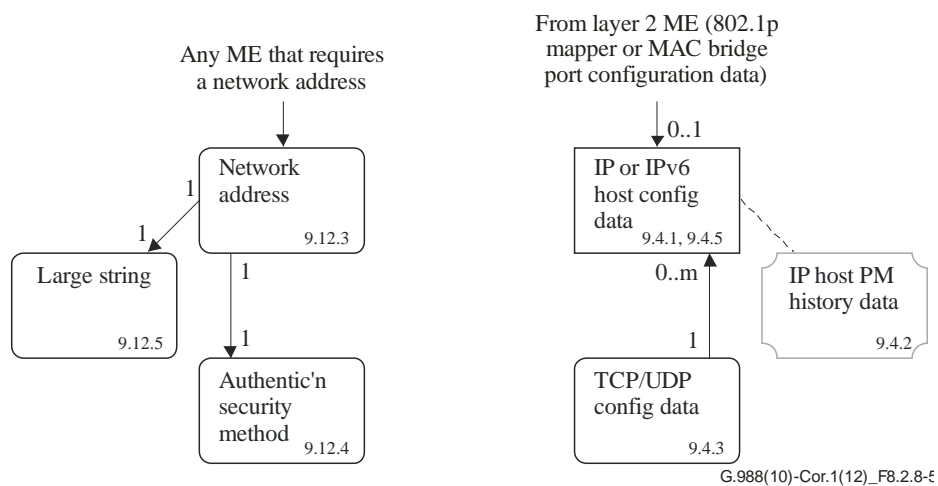
Replace the designated figures with the following:
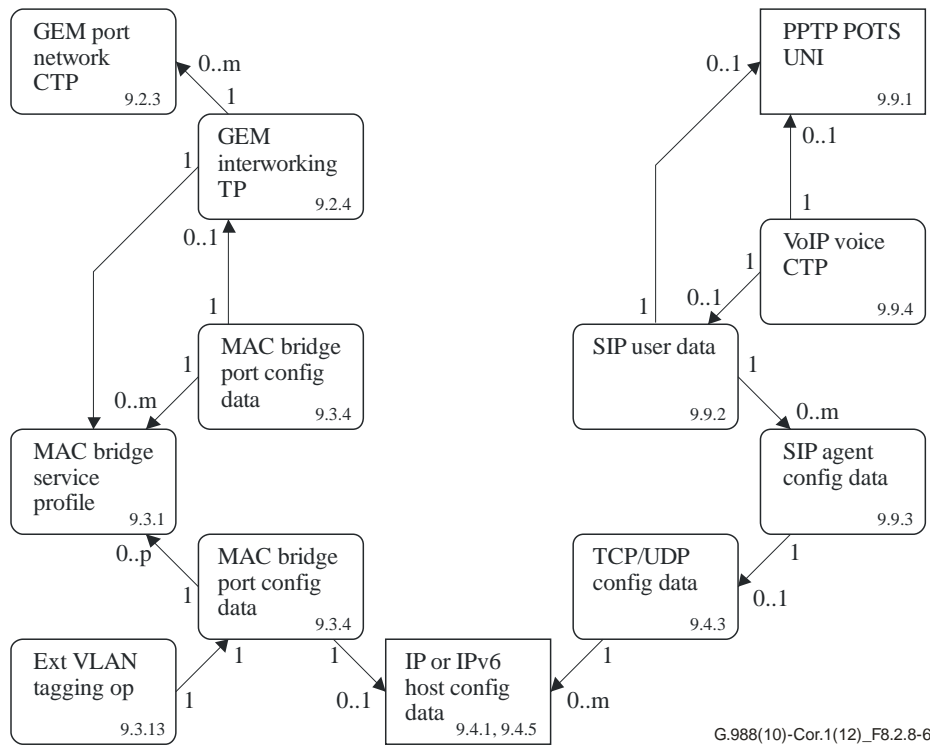

Figure 8.2.8-5 – Common IP services

Figure 8.2.8-6 − VoIP connectivity

3) Clause 8.2.10, Mid-span PON reach extenders

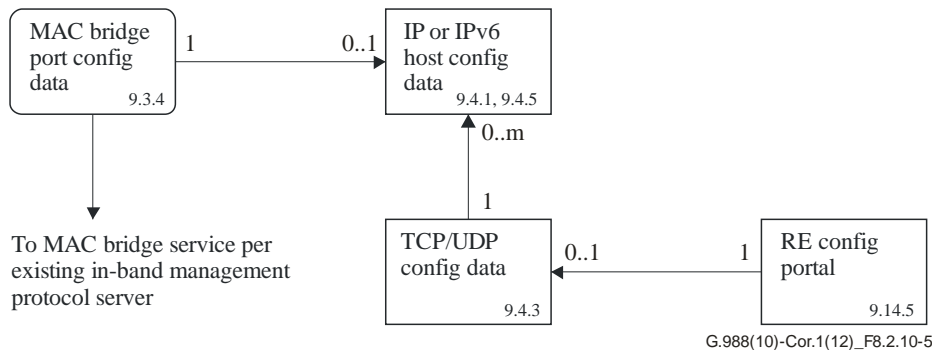*Replace the designated figures with the following:*

Figure 8.2.10-5 – In-band management for mid-span PON reach extender

4) Clause 9.1.4, Software image

In the table of Attributes, the following new Product code should be added:

Product code: This attribute provides a way for a vendor to indicate product code information on a software image. It is a character string, padded with trailing nulls if it is shorter than 25 bytes. (R) (optional) (25 bytes)

The published version adds the product code attribute only to the vendor-specific usage section. In fact, it pertains to both usages.

5)   Clause 9.4.5, IPv6 host config data (see Amd.1 (04.2011))

Modify the Actions section to read:

Get, get next, set

6)   Clause A.3.39.3, Format for POTS UNI entity class (see Amd.1 (04.2011))

Replace the description of byte 4 with the following:

Device identifier	4	0	0	0	0	1	0	1	0	OMCI = 0x0A

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