

I n t e r n a t i o n a l T e l e c o m m u n i c a t i o n U n i o n

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.1243

Corrigendum 1
(01/2014)

SERIES X: DATA NETWORKS, OPEN SYSTEM
COMMUNICATIONS AND SECURITY

Cyberspace security – Countering spam

Interactive gateway system for countering spam

Corrigendum 1

Recommendation ITU-T X.1243 (2010) –
Corrigendum 1



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

Recommendation ITU-T X.1243

Interactive gateway system for countering spam

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Summary

Corrigendum 1 to Recommendation ITU-T X.1243 (2010) corrects two errors in clause 7.2.7.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T X.1243	2010-12-17	17	11.1002/1000/10829
1.1	ITU-T X.1243 (2010) Cor. 1	2014-01-24	17	11.1002/1000/12042

* To access the Recommendation, type the URL <http://handle.itu.int/> in the address field of your web browser, followed by the Recommendation's unique ID. For example, <http://handle.itu.int/11.1002/1000/11830-en>.

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.

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As of the date of approval of this Recommendation, ITU had not 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/>.

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Interactive gateway system for countering spam

Corrigendum 1

7.2.7 Weighted parameter filter (WPF)

Modify the clause to read:

The weighted parameter filter (WPF) is used to detect spam by analysing multi-parameters. The parameters are based on statistical information which includes the number of e-mail sessions, the number of destination servers, the number of e-mail trials, the period of sending e-mails, the rate of sending e-mails, the rate of trial e-mails and successful e-mails, and so on. Each parameter has a configured threshold and a configured weight value. Moreover, a whole set of weighted values, which may be based on the results of several experiments completed in advance, is needed. For each user, all parameters in the rules will be checked. The weights of the parameters that pass the configured threshold will be added. If the sum of the weights is beyond the predefined threshold, the WPF will distinguish spam-generating users from normal users.

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