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

Digital networks – Optical transport networks

SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE
AND INTERNET PROTOCOL ASPECTS

Internet protocol aspects – Transport

Framework for optical transport network Recommendations

ITU-T Recommendation G.871/Y.1301

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Framework for optical transport network Recommendations

Summary

This Recommendation concerns the Optical Transport Network (OTN) and gives an overview of the ITU-T Recommendations on the different aspects of OTNs. It provides a framework for their development, indicating the rationale followed in their preparation together with the linkages among them. The time-frame for the development of these Recommendations is also provided.

Source

ITU-T Recommendation G.871/Y.1301 was prepared by ITU-T Study Group 15 (1997-2000) and approved by the World Telecommunication Standardization Assembly (Montreal, 27 September – 6 October, 2000).

Keywords

IP over OTN, IP over WDM, Optical Networking, Optical Transport Network, OTN.

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.

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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