

# ITU-T SG7 회의 기고서 요약

INTERNATIONAL TELECOMMUNICATION UNION  
Telecommunication  
Standardization Sector

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Question : 17/7

## STUDY GROUP 7 - CONTRIBUTION

**SOURCE<sup>1)\*</sup> : Rapporteur for Testing of Data Communications Protocols**

**TITLE** : Draft Revised Text of Recommendation X.290 : OSI CONFORMANCE TESTING METHODOLOGY AND FRAMEWORK FOR PROTOCOL RECOMMENDATIONS FOR ITU-T APPLICATIONS-General Concepts(X.290 권고(안) : OSI 적합성시험 방법론 및 체계 - 일 반개념)

1)\* **Contact person : C.H. Yim, ETRI**  
**POBox. 106 Yusong**  
**Taejon, Korea**

**Tel: +82-42-860-6844**  
**Fax: +82-42-861-9392**

### Summary

This Recommendation defines the general concepts for OSI conformance testing methodology and framework for protocol Recommendations. It provides general principles for conformance testing which can make possible wide acceptance and confidence of conformance test results. It describes

the definition of terms, test methods and test suites of OSI protocol conformance testing. The text developed jointly with ISO/IEC JTC1 and the main intent of this revision is to reflect the changes as a result of the work on Protocol Profile Testing Methodology(PPTM) and on Multi-Party Testing Methodology(MPyTM).

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### **SOURCE : Rapporteur for Testing of Data Communications Protocols**

**TITLE :** Draft Revised Text of Recommendation X.291 : OSI CONFORMANCE TESTING METHODOLOGY AND FRAMEWORK FOR PROTOCOL RECOMMENDATIONS FOR ITU-T APPLICATIONS-Abstract Test Suite Specification(X.291 권고(안) : OSI 적합성시험 방법론 및 체계 - 추상시험슈트)

### Summary

This Recommendation Provides a common approach to the specification of OSI conformance test suites. It describes the process of developing an abstract test suite(ATS), including the design criteria to be used and guidance on its structure and coverage. The text was developed jointly with ISO /IEC JTC1 and the main intent of this revision is to reflect the changes as a result of the work on Protocol Profile Testing Methodology(PPTM) and on Multi-Party Testing Methodology(MPyTM).

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**SOURCE : Rapporteur for Testing of Data Communications Protocols**

**TITLE :** Draft Revised Text of Recommendation X.293 : OSI CONFORMANCE TESTING METHODOLOGY AND FRAMEWORK FOR PROTOCOL RECOMMENDATIONS FOR ITU-T APPLICATIONS-TEST REALIZATION(X.293 권고(안) : OSI 적합성시험 방법론 및 체계 - 시험실현)

### Summary

This Recommendation specifies requirements and gives guidance concerning the realization of Means Of Testing(MOT) for Implementation Under Test(IUTs), in conformance with a reference ATS specified in compliance with Recommendation X.291. Test realization involves a protocol, multiple protocols or profile. The text was developed jointly with ISO/IEC JTC1 and the main intent of this revision is to reflect the changes as a result of the work on Protocol Profile Testing Methodology(PPTM) and on Multi-Party Testing Methodology(MPyTM).

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### **SOURCE : Rapporteur for Testing of Data Communications Protocols**

**TITLE :** Draft Revised Text of Recommendation X.294 : OSI CONFORMANCE TESTING METHODOLOGY AND FRAMEWORK FOR PROTOCOL RECOMMENDATIONS FOR ITU-T APPLICATIONS-Requirements on Test Laboratories and Clients for the Conformance Assessment Process(X.294 권고(안) : OSI 적합성시험 방법론 및 체계 - 적합성시험을 위한 시험소와 의뢰자에 대한 요구사항)

### Summary

This Recommendation specifies requirements on both the test laboratory and client, for the conduct of the conformance assessment process. The requirements are those necessary to achieve comparability of results of tests on similar implementations performed by different test laboratories. This Recommendation also provides some guidance on the conformance assessment process. The text was developed jointly with ISO/IEC JTC1 and the main intent of this revision is to reflect the changes as a result of the work on Protocol Profile Testing Methodology(PPTM) and on Multi-Party Testing Methodology(MPyTM).

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### SOURCE : Rapporteur for Testing of Data Communications Protocols

**TITLE :** Draft Revised Text of Recommendation X.295 : OSI CONFORMANCE TESTING METHODOLOGY AND FRAMEWORK FOR PROTOCOL RECOMMENDATIONS FOR ITU-T APPLICATIONS-Protocol Profile Test Specification(X.295권고(안) : OSI 적합성시험 방법론 및 체계 - 프로파일 시험명세)

### Summary

This Recommendation provides OSI protocol profile testing methodology based on the protocol testing methodology specified in Recommendation X.291. This Recommendation describes the meaning of conformance to a profile, the method of expressing profile conformance requirements, and profile testing principles which are based on the methodology defined for the base protocol specifications. The text was developed jointly with ISO/IEC JTC1.

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