Strategy for migration from existing to Next Generation Networks (NGN) for developing countries

ITU-D STUDY GROUP 2 QUESTION 19-1/2

Draft Work Program for Question 19-1/2

1. Introduction
2. Identification of active collaborators
3. Working Plan
4. Working Methods
5. Contributions

Introduction

o Study Group 1 – Regulatory issues

o Study Group 2 – Technical issues

o Working procedures in accordance with Resolutions 1and 2 of WTDC-06 to be applied by Study Groups

o The work on an assigned Question should be organized and follow a work programme so that the expected results could be satisfactorily reached.

Identification of Active Collaborators

o An important contribution for the work to be made on this Question is expected to come from a group of collaborators (Rapporteur's Group).

o All interested parties are invited to join the Rapporteur's Group so that the work on this question can satisfactorily progress and comprehensively cover the scope of Q19 1/2.

o The issues proposed for study under Q19 1/2;

A) trends of telecommunication networks migration towards NGN.

B) examination of NGN technologies (network management, transport networks, access networks, interworking with existing networks, etc)

C) methodologies for planning, with taking into account the behaviour of different existing networks.

D) Migration solutions to NGN

Work Plan – List of Tasks to Be Completed

o During the work period, the expected outputs for Qustion 19-1/2 are:

i.   Yearly progress report on NGN development

ii. A report of methodologies for planning NGN (multidimension planning process, services demand forecasting methods, traffic forecasting models, and structure and dimensioning optimization methods.

iii. A set of guidelines for migration from existing networks to NGN

Results Anticipated Including Titles of Output Documents and Their Target Dates

The Results and the Target Dates Proposed for the 2006-2010 Period Are Proposed to Be:

DATE	ACTIVITY/EXPECTED OUTPUT	PERSON RESPONSIBLE
September 2007 (SG2 meeting)	a), b), c) and d) first yearly report focusing on case studies and best practices from developing countries as well as developed countries on migration towards NGN	Rappoorteur's Group

Results Anticipated Including Titles of Output Documents and Their Target Dates (Cont'd)

DATE	ACTIVITY/EXPECTED OUTPUT	PERSON RESPONSIBLE
Sep-08	a), b), c) and d) second yearly report with draft guidelines for developing countries on migration towards NGN	Rappoorteur's Group
Sep-09	a), b), c) and d) Draft final report with guidelines for developing countries on migration towards NGN	Rappoorteur's Group
Nov-09	a), b), c) and d) Finalizationof Report with guidelines for developing countries on migration towards NGN (1)	Rappoorteur's Group

Liaison Required With Other Groups

Question 19-1/2 will liaise closely with related BDT programmes, ITU-T in particular SG13 Q.è and ITU-R SGs involved in NGN studies, ITU-D Q.10-2/2, Q.18-1/2, Q.20-2/2 and Q.6-2/1, Q.7-2/1, Q.19-1/1.

Virtual or face-to-face meetings will be held at a minimum of once per year in order to accomplish the work plan

Working Methods

o The Rapporteur's Group will make use of all pst efforts done in the ITU-D and Q.19/2

o Concerning procedures to be followed, the group work is conducted by using the electronic means available to the extent practicable, respecting the target deadlines presented above at the best.

Working Methods

o Concerning the expected outputs, status reports will be presented each year to the Study Group 2 Management Team as well as to the Study Group 2 PlenaryMeeting.

o The final Report will be concluded and presented during the September 2009 Study Group Plenary Meeting.

Contributions

o Contributions in response to the work of Question 19-1/2 are invited.

o Contributions should be sent to the Rapporteur's Group.

o Those interested should get in touch with the following; (to have their names included in the distribution list of the Rapporteur's Group) riccardo.passerini@itu.int or chali.tumelo@itu.int

Conclusion

o Network providers and service providers in Africa need to contribute to the development of process regarding convergence of networks (termed as NGN) in order to fully understand and be part of the industry's evolution.

o The time to start is now.

Dar-Es-Salaam, Tanzania
October, 2006

ITU-T/ITU-D Workshop "Standardization and Development of Next Generation Networks"
Dar es Salaam, 3-5 October 2006