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TITLE: Sharing Knowledge, Information and Best Practices on Measures to Ensure Cybersecurity

J/36/1 Objective(s): 3

The proposal of activities for the Question 22-1/1 of Study Group 1 is submitted for consideration and approval.

1 Introduction

ICT has become an essential platform of economic and social activities and has heavily contributed to economic growth and social development.

Recently, cyber-attacks and malicious use of ICT have increased and become more complicated and sophisticated.

Because information and data crosses borders through ICT infrastructure and services, the threat of cyber-attacks and malicious use of ICT also cross borders and could have negative impacts on the economy and society of many countries and areas.

Consequently, cybersecurity is one of the most crucial issues for the safe and secure use of ICT.

However, it is very difficult to ensure cybersecurity, especially in developing countries, due to a lack of sufficient knowledge and capacity.

If proper actions to ensure cybersecurity in developing countries are delayed and insufficient, it could inflict heavy damage caused by cyber-attacks and malicious use of ICT on many countries and areas around the world.

Therefore, it is necessary to support developing countries to enhance their knowledge and capacity to ensure cybersecurity, and it is effective to be implemented through the activities of ITU-D.

Taking into account of the above-mentioned situation, Japan proposes activities concerning capacity development for developing countries to ensure cybersecurity for Question 22-1/1 of Study Group 1.

2 Proposal

Japan proposes the following activities for Question 22-1/1 of Study Group 1:

2.1 Necessity of capacity development on cybersecurity for developing countries.

These days, cyber-attacks and malicious use of ICT have become more complicated and sophisticated.

Therefore, only the establishment of strict rules and regulations is not always effective and efficient to address these issues.

Because ICT is used by not only governments but also by many other stakeholders, especially by the private sector, participation and cooperation of multi-stakeholders is essential to ensure cybersecurity.

As a result, ensuring cybersecurity requires sufficient knowledge and capability to establish effective, efficient and useful measures and activities with the cooperation of multi-stakeholders to deal with these issues.

However, for many developing countries, a lack of knowledge and capacity is a major problem to be addressed.

In light of the above-mentioned situation, Japan is of the view that ITU-D should continuously endeavour to promote activities concerning capacity development for developing countries to ensure cybersecurity.

2.2 Adhoc sessions or Seminars

For the first step of capacity development on cybersecurity for developing countries, it is effective to share knowledge, information and best practices concerning effective, efficient and useful measures and activities to ensure cybersecurity.

Therefore, Japan proposes to hold adhoc sessions or seminars to share knowledge, information and best practices concerning effective, efficient and useful measures and activities to ensure cybersecurity, along with the Study Group 1 meetings or the Rapporteur Group meetings for Question 22-1/1 of Study Group 1.

2.3 Details of agenda items

- Presentations by experts from Member States, Sector Members and other relevant organizations on effective, efficient and useful measures and activities to ensure cybersecurity.
- Presentations by stakeholders from Member States, especially developing countries on current situation, challenges and problems to be addressed in ensuring cybersecurity.
- Discussions and exchanges of opinions on presentations and necessary and effective action items to be implemented to ensure cybersecurity in developing countries.

2.4 Support from Japan

Japan will prepare programs and agenda for adhoc sessions or seminars and dispatch lecturers and speakers cooperating with Rapporteur and Vice- Rapporteurs for Question 22-1/1 of Study Group 1, in order to share knowledge and information and to introduce best practices on effective, efficient and useful measures and activities to ensure cybersecurity with the participation and cooperation of multi-stakeholders.

In addition, Japan will arrange rooms, equipment and documents necessary to hold adhoc sessions or seminars.

Japan welcomes the Member States which have an interest in this proposal and will cooperate with them in the above-mentioned items.

2.5 Future activities

If the activities mentioned in Section 2.2 are successfully implemented and if available, Japan will consider expansion of activities concerning capacity development on cybersecurity for developing countries, towards the following ones:

- To hold workshops for deepening discussions and exchanging further knowledge and information on effective, efficient and useful measures and activities to ensure cybersecurity.
- To dispatch experts to developing countries to support implementation of these measures and activities.

3 Expected output

- Accumulation of knowledge, information and best practices on effective, efficient and useful measures and activities to ensure cybersecurity in developing countries.
- Clarification of current situation, challenges and problems to be addressed in ensuring cybersecurity in developing countries.
- Establishment of human networks between participants of adhoc sessions or seminars and experts in cybersecurity.

- Catalyst of further capacity development to ensure cybersecurity in developing countries.

4 Timing

The first adhoc session or seminar will be held during the first or second meeting of Study Group 1 or Rapporteur Group for Question 22-1/1 of Study Group 1, after the World Telecommunication Development 2014 (WTDC-14).

5 Proposers/sponsors

- Government of Japan (Ministry of Internal Affairs and Communications).
- Member States which will cooperate with the Government of Japan.

6 Sources of input

- Proposers / sponsors.
- Member States and Sector Members.
- Rapporteur and Vice-Rapporteurs of Question 22-1/1 of Study Group 1.
- Telecommunication Development Bureau (BDT).
- Relevant organizations and experts.

7 Target of Adhoc sessions or Seminars

Target of Adhoc Sessions or Seminars	Developed countries	Developing countries	Least developed countries (LDCs)
Telecom policy-makers	Yes	Yes	Yes
Telecom regulators	Yes	Yes	Yes

Service providers/operators	Yes	Yes	Yes
Manufacturers	Yes	Yes	Yes

a) Target audience

Especially for telecom policy-makers and telecom regulators in developing countries and LDCs.

b) Proposed methods for the implementation of the results

To hold Adhoc sessions or Seminars along with the Study Group 1 meetings or the Rapporteur Group meetings for Question 22-1/1 of Study Group 1 during the question period.

8 Coordination

The requirements for coordination of activities with all:

- Member States which will cooperate with the Government of Japan.
- Rapporteur and Vice-Rapporteurs for the Question 22-1/1.
- Regular ITU-D activities of the Question 22-1/1.
- Relevant focal points in BDT.
- Experts in this field.

9 BDT programme link

Programme 2: Cybersecurity, ICT applications and IP-based network-related issues.
