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WORKING GROUP OF THE PLENARY

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WORKING GROUP OF THE PLENARY

DRAFT NEW RESOLUTION [WG-PL/XX]

TO PROMOTE EFFORTS FOR CAPACITY BUILDING ON SOFTWARE DEFINED NETWORKING (SDN) IN DEVELOPING COUNTRIES

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DRAFT NEW RESOLUTION [WG-PL/XX]

To promote efforts for capacity building on Software Defined Networking (SDN) in developing countries

The Plenipotentiary Conference of the International Telecommunication Union (Busan, 2014),

recalling

a) Resolution 77 (Dubai, 2012) of World Telecom Standardization Assembly, on Standardization work in ITU-T for software-defined networking;

b) Resolution 123 (Rev. Busan, 2014) on Bridging the standardization gap between developing and developed countries;

c) Resolution 135 (Rev. Busan, 2014) on ITU's role in the development of telecommunications/information and communication technologies, in providing technical assistance and advice to developing countries, and in implementing relevant national, regional and interregional projects;

d) Resolution 137 (Rev. Busan, 2014) on Next-generation network deployment in developing countries;

e) Resolution 139 (Rev. Busan, 2014) on Telecommunications/information and communication technologies to bridge the digital divide and build an inclusive information society,

recalling further

a) Resolution 44 (Rev. Dubai, 2012) of World Telecommunication Standardization Assembly on Bridging the standardization gap between developing and developed countries;

b) Resolution 59 (Rev. Dubai, 2012) of World Telecommunication Standardization Assembly on Enhancing participation of telecommunication operators from developing countries;

c) Resolution 73 (Rev. Dubai, 2012) of World Telecommunication Standardization Assembly on Information and communication technologies, environment and climate change;

d) JCA on SDN under ITU-T TASG (JCA-SDN) established in June 2013 to coordinate the work carried out by ITU-T SG11, SG13 and other involved expert groups,

considering

a) that the SDN technology may provide operators with several advantages including increased flexibility, and agility along with simplified operations;

c) that the SDN may allow optimization, customization, improvement of resource utilization, and thereby may reduce the operational and capital costs,

further considering

a) that SDN may bring new services at reduced operational and capital expenditure;

b) that developing countries may require migration plan from existing networks to SDN based networks so that benefits of SDN may be reaped by developing countries without much delay with respect to deployments in developed countries;

c) that capacity building for SDN in developing countries will also be needed to be planned from beginning to create awareness of benefits of SDN;

d) that involvement & participation of developing countries in formulating standardization of SDN will help bridge standardization gap,

instructs the Director of the Telecommunication Development Bureau (BDT)

1 to conduct workshops, with other relevant organizations, for capacity building on SDN so that gap in technology adoption in developing countries may be bridged at early stages of implementation of SDN based networks;

2 to collect and disseminate best practices for integrating, and migrating from legacy networks to SDN based networks in developing countries;

3 to coordinate with the Director of the Telecommunication Standardisation Bureau (TSB) in regards to the actions related to instructs 1 and 2.

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