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| The International Teleocmmunication Union - Connecting the World. | | **International telecommunication union**  **Telecommunication Standardization Bureau** | |  |
|  | | | Geneva, 9 April 2019 | |
| **Ref:** | **TSB Circular 163**  SG13/TK | | **To:**  - Administrations of Member States of the Union | |
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| **E-mail:** | [tsbsg13@itu.int](mailto:tsbsg13@itu.int) | | **Copy to:**  - ITU-T Sector Members;  - Associates of ITU-T Study Group 13;  - ITU Academia;  - The Chairman and Vice-Chairmen of ITU-T Study Group 13;  - The Director of the Telecommunication Development Bureau;  - The Director of the Radiocommunication Bureau | |
| **Subject:** | **Approval of new Recommendation ITU-T Y.2774 "Functional requirements of deep packet inspection for future networks** **"** | | | |

Dear Sir/Madam,

1. Further to TSB Circulars [77](https://www.itu.int/md/T17-TSB-CIR-0077/en) and [108](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=T17-TSB-CIR-0108) of 5 March 2018 and 3 August 2018, and pursuant to § 9.5 of Resolution 1 (Rev. Hammamet 2016), I hereby inform you that 16 Member States participating in the last meeting of Study Group 13 **approved** the Recommendation ITU-T Y.2774 "Functional requirements of deep packet inspection for future networks" during its Plenary session held on 4 March 2019. The summary of this new Recommendation is in **Annex 1**.

2 Available patent information can be accessed online via the [ITU-T website](http://www.itu.int/net4/ipr/search.aspx?sector=ITU&class=PS).

3 The text of the pre-published Recommendation will be available on the ITU-T website at <http://www.itu.int/rec/T-REC-Y>.

4 The text of this Recommendation will be published by ITU as soon as possible.

Yours faithfully,

*(signed)*

Chaesub Lee  
Director of the Telecommunication  
Standardization Bureau

**Annex: 1**

ANNEX 1

Summary of Recommendation ITU-T Y.2774

# Summary of new Recommendation ITU-T Y.2774 (03/2019), Functional requirements of deep packet inspection for future networks

# Recommendation ITU-T Y.2774 specifies the functional requirements of deep packet inspection for future networks (e.g., software defined networks (SDNs), network function virtualization (NFV), etc.). The scope of this Recommendation includes the general requirements of deep packet inspection (DPI) for future networks, DPI functional requirements for SDN, DPI functional requirements for NFV, DPI functional requirements for service function chain (SFC) and DPI as a service, as well as DPI functional requirements for network virtualization and DPI functional requirements for evolving mobile networks.

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