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| The International Teleocmmunication Union - Connecting the World. | | **International telecommunication union**  **Telecommunication Standardization Bureau** | |  |
|  | | | Geneva, 17 October 2018 | |
| **Ref:** | **TSB Circular 113**  SG17/XY | | **To:**  - Administrations of Member States of the Union; | |
| **Tel:** | +41 22 730 6206 | |
| **Fax:** | +41 22 730 5853 | |
| **E-mail:** | [tsbsg17@itu.int](mailto:tsbsg17@itu.int) | | **Copy to:**  - ITU-T Sector Members;  - ITU-T Associates of Study Group 17;  - ITU Academia;  - The Chairman and Vice-Chairmen of ITU-T Study Group 17;  - The Director of the Telecommunication Development Bureau;  - The Director of the Radiocommunication Bureau | |
| **Subject:** | **Member State consultation on Determined draft new Recommendations ITU-T X.1042 (X.sdnsec-1), X.1215 (X.ucstix) and ITU-T X.1249 (X.tfcma) proposed for approval at the ITU-T Study Group 17 meeting (Geneva, 22-30 January 2019)** | | | |

Dear Sir/Madam,

1 ITU-T Study Group 17 (Security) intends to apply the Traditional Approval Procedure as described in Section 9 of WTSA Resolution 1 (Rev. Hammamet, 2016) for the approval of the above‑mentioned draft Recommendations at its next meeting in Geneva, 22-30 January 2019. The agenda and all relevant information concerning the ITU-T Study Group 17 meeting will be available in Collective letter 5/17.

2 The titles, summaries and locations of draft new Recommendations ITU-T X.1042 (X.sdnsec-1), ITU-T X.1215 (X.ucstix) and ITU-T X.1249 (X.tfcma) proposed for approval can be found in **Annex 1**.

3 This Circular initiates the formal consultation with ITU Member States on whether these texts may be considered for approval at the upcoming meeting, in accordance with clause 9.4 of Resolution 1. Member States are kindly requested to complete and return the form in **Annex 2** by 2359 hours UTC on **10 January 2019**.

4 If 70% or more of the replies from Member States support consideration for approval, one Plenary session will be devoted to apply the approval procedure. Member States that do not assign authority to proceed should inform the Director of TSB of the reasons for this opinion and indicate the possible changes that would enable the work to progress.

Yours faithfully,

*(signed)*

Chaesub Lee  
Director of the Telecommunication  
Standardization Bureau

**Annexes: 2**

ANNEX 1

Summary and location of Determined draft Recommendations ITU-T X.1042 (X.sdnsec-1), ITU-T X1215 (X.ucstix) and ITU-T X.1249 (X.tfcma)

# 1 Draft new Recommendation ITU-T X.1042 (X.sdnsec-1) [[R027](https://www.itu.int/md/T17-SG17-R-0027)]

## Security services using the software-defined networking

## Summary

Recommendation ITU-T X.1042 supports the protection of network resources using security services based on software-defined networking (SDN). This Recommendation first classifies the network resources for SDN-based security services: SDN application, SDN controller, SDN switch and security manager (SM). This Recommendation then defines security services based on SDN.

# 2 Draft new Recommendation ITU-T X.1215 (X.ucstix) [[R029](https://www.itu.int/md/T17-SG17-R-0029)]

## Use cases for structured threat information expression

## Summary

Recommendation ITU-T X.1215 provides various use cases for how the structured threat information expression (STIX) language may be used to support cyber threat intelligence (CTI) and information sharing.

This Recommendation also describes concepts and functionality of the STIX language. It is targeted to support a range of use cases involved in cyber threat management, including analysing cyber threats, specifying indicator patterns for cyber threats, managing response activities, and sharing cyber threat information. With this kind of information, a security decision can be made on how to best defend against the threat. It is intended to support both more effective analysis and the continued exchange of cyber threat information. The STIX suite of specifications [b-STIX2.0] is maintained under the responsibility of Organization for the Advancement of Structured Information Standards (OASIS).

# 3 Draft new Recommendation ITU-T X.1249 (X.tfcma) [[R030](https://www.itu.int/md/T17-SG17-R-0030)]

## Technical framework for countering mobile in-application advertising spam

## Summary

Recommendation ITU-T X.1249 provides a technical framework for countering mobile in‑application advertising spam. Mobile in-application advertising spam is the sending of unsolicited advertisements, which are displayed within a mobile phone application. These unsolicited messages can appear on the display screen of a mobile device as a banner at the top or bottom of the screen, a mobile interstitial, or an overlay. Along with the rapidly increasing development of mobile applications, mobile in-application advertisement has been surging dramatically. Filtering unwanted or malicious advertisements is urgently needed regarding to the user experience and even security. Although many countermeasures have been proposed and implemented, they all suffer from limitations or drawbacks, and users still face a high volume and a high portion of mobile in-application advertising spam. Therefore, it is necessary to establish a practical framework for countering mobile in-application advertising spam, which can reasonably integrate the advantages of all countermeasures.

ANNEX 2

Subject: Member State response to TSB Circular 113:  
Consultation on Determined draft ITU-T X.1215 (X.ucstix), ITU-T X.1249 (X.tfcma), and ITU-T X.1042 (X.sdnsec-1)

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| --- | --- | --- | --- |
| **To**: | Director of the  Telecommunication Standardization Bureau,  International Telecommunication Union  Place des Nations  CH 1211 Geneva 20, Switzerland | **From**: | [Name]  [Official role/title]  [Address] |
| **Fax**:  **E-mail**: | +41-22-730-5853  [tsbdir@itu.int](mailto:tsbdir@itu.int) | **Fax**:  **E-mail**: |  |

Dear Sir/Madam,

With respect to the Member State consultation on the Determined draft texts listed in TSB Circular 113, I would like to advise you of the opinion of this Administration, which is set out in the table below.

|  | **Select one of the two boxes** |
| --- | --- |
| **Draft Recommendation ITU-T X.1042 (X.sdnsec-1)** | **assigns authority** to Study Group 17 to consider this text for approval (in which case, select one of the two options ⃝):  ⃝ No comments or suggested changes  ⃝ Comments and suggested changes are attached |
| **does not assign authority** to Study Group 17 to consider this text for approval (reasons for this opinion and an outline of possible changes that would enable the work to progress are attached) |
| **Draft Recommendation ITU-T X.1215 (X.ucstix)** | **assigns authority** to Study Group 17 to consider this text for approval (in which case, select one of the two options ⃝):  ⃝ No comments or suggested changes  ⃝ Comments and suggested changes are attached |
| **does not assign authority** to Study Group 17 to consider this text for approval (reasons for this opinion and an outline of possible changes that would enable the work to progress are attached) |

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| --- | --- |
| **Draft Recommendation ITU-T X.1249 (X.tfcma)** | **assigns authority** to Study Group 17 to consider this text for approval (in which case, select one of the two options ⃝):  ⃝ No comments or suggested changes  ⃝ Comments and suggested changes are attached |
| **does not assign authority** to Study Group 17 to consider this text for approval (reasons for this opinion and an outline of possible changes that would enable the work to progress are attached) |

Yours faithfully,

[Name]

[Official role/title]

Administration of [Member State]

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