

Executive summary of Working Party 1 and Working Party 2 meeting of ITU-T SG9 (fully virtual, 7 July 2020)

A Working Party 1 and Working Party 2 meeting of ITU-T SG9 was held fully virtual on 7 July 2020. The meeting was originally scheduled on 23 June but was postponed on request of China. About 10 delegates attended. The sessions were held from 1300 to 1430 hours (CEST) and through the remote connection tool available at ITU [MyMeetings](#).

The purpose for this meeting was to Consent three draft Recommendations, results from previous Q2/9 (Working Party 1) and Q5/9 (Working Party 2) Rapporteur e-meetings.

1. List of Consented/Determined Recommendations

During these meetings, a total of three draft Recommendations were finalized and agreed for AAP Consent.

1.1 List of three Consented draft Recommendations using AAP (ITU-T A.8)

Question	AAP/TAP	Rec	Status	Title	Final TD	A.5 justification
Q2/9	AAP	J.1032 (J.twoway-dcas-part2)	New	Downloadable Conditional Access System for Bidirectional Network; System Architecture	SG9-TD900	N/A
Q2/9	AAP	J.1033 (J.twoway-dcas-part3)	New	Downloadable Conditional Access System for Bidirectional Network; The Terminal	SG9-TD901	SG9-TD906
Q5/9	AAP	J.1204 (ex. J.STVOS-SEC)	New	The security framework of a smart TV operating system	SG9-TD902	N/A

1.2 Results on draft Recommendations:

- **Consent of ITU-T J.1032 (J.twoway-dcas-part2) and J.1033 (J.twoway-dcas-part3).** They are part 2 and part 3 respectively of a three-party Recommendations to specify two-way downloadable conditional access system (DCAS) for bidirectional network. These draft Recommendations specify the system architecture and the terminal for the two-way downloadable conditional access system (DCAS) for bidirectional network. A two-way DCAS protects broadcast content/services and controls consumer entitlements in the same way as what traditional conditional access (CA) systems do, and enables a two-way terminal

device, such as a set-top-box (STB), to adapt to a new CA system by downloading and installing a new CA system's client software without changing hardware. In particular, a two-way DCAS can work in bidirectional cable TV networks and other bidirectional networks such as broadband cable networks.

- Consent of **ITU-T J.1204 (J.stvos-sec)**. This is the fourth Recommendation in the Smart TVOS-series. It defines the security framework of a smart television operating system (TVOS) to enable integrated broadcast and broadband (IBB)-capable cable set-top box (STB) and TV to apply to broadcasting services and IP-based interactive services provided by cable television operators and third-party providers. By running the smart TV operating system, the IBB capable STB and TV will be able to provide subscribers with advanced and personalized services by downloading and installing advanced and personalized apps from cable operators' platforms and third-party platforms, which are interconnected with the related cable operators' platforms. Recommendation ITU-T J.1204 intends to specify the smart TV operating system security framework, which exploits the popular hardware-based TEE technology and has multiple security defense capabilities].

1.3 Other results:

- Agreement to one outgoing liaison statement that will be drafted to reply to IRG-IBB comments on Smart TVOS-series. It will be circulated via email list and approved via correspondence. TSB plans to post it after approval as [SG9-TD907](#).

2. Next Study Group 9 meeting

Next SG9 meeting is planned to be held from 14 to 21 October 2020 in Tokyo, Japan. The Government of Japan will consider the COVID19 worldwide situation and in consultation with SG9 Chairman will take a decision before the end of July 2020. Current options are as follows:

- Postpone the onsite meeting to January/February 2021 still in Tokyo.
- Organize the October SG9 meeting fully Virtual (with or without an extra SG9 onsite meeting in Tokyo, Jan/Feb 2021).