|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2022-2024 | | | | FG-AI4H-P-030 | |
| **ITU-T Focus Group on AI for Health** | |
| **Original: English** | |
| **WG(s):** | | | Plenary | | Helsinki, 20-22 September 2022 | |
| **DOCUMENT (Ref.:** [JCA-DCC-LS2](https://www.itu.int/ifa/t/2022/ls/jca-dcc/sp17-jca-dcc-oLS-00002.zip)**)** | | | | | | |
| **Source:** | | | JCA-DCC | | | |
| **Title:** | | | LS on highlights from the second meeting of the Joint Coordination Activity on Digital COVID-19 Certificates (JCA-DCC) [from JCA-DCC] | | | |
| **Purpose:** | | | Discussion | | | |
| **LIAISON STATEMENT** | | | | | | |
| **For action to:** | | | | All ITU-T Study Groups, ITU-T FG-AI4H, Ecma TC51, ETSI TC eHEALTH, European Commission, FIDO Alliance, GS1, GSMA, HL7, IEEE, ISO/IEC JTC 1/SC6, ISO/IEC JTC 1/SC17, ISO/IEC JTC 1/SC 27/WG 5, ISO/IEC JTC 1/SC31, ISO/IEC JTC 1/SC35, ISO/IEC JTC 1/SC37, ISO PC 317, ISO/TC 215, ISO/TC 307/JWG 4, NIST, RAISE Forum, W3C DID WG, WHO | | |
| **For information to:** | | | | - | | |
| **Approval:** | | | | JCA-DCC meeting (Geneva, 26 August 2022) | | |
| **Deadline:** | | | | 28 October 2022 | | |
| **Contact:** | | Heung Youl Youm Chairman of JCA-DCC | | | | E-mail: [hyyoum@sch.ac.kr](mailto:hyyoum@sch.ac.kr) |

|  |  |
| --- | --- |
| **Abstract:** | This LS informs the highlights of the second meeting of JCA-DCC, which was held on 26 August 2022. Also, it gives the date expected to have the third meeting. |

The Joint Coordination Activity on Digital COVID-19 Certificates (JCA-DCC) is pleased to share with you the highlights from our second meeting which took place on 26 August 2022, see Annex A.

JCA-DCC has progressed work on a DCC standardization roadmap and adopted its first draft which is provided in the attachment. We welcome your inputs and feedback to this first draft of the roadmap.

We also invite your participation to the third JCA-DCC meeting which is planned to take place virtually on 2 December 2022.

In the spirit of continuous collaboration, we invite you take this information for your consideration, and look forward to further collaboration in this area.

**Attachment:**

1. [A.01](https://extranet.itu.int/sites/itu-t/focusgroups/ai4h/docs/FGAI4H-P-030-A01.docx): First draft of the Digital COVID 19 Certificates (DCC) standardization roadmap

Annex A:  
Highlights from the 2nd JCA-DCC meeting (Geneva, 26 August 2022)

All documentation from this meeting including its detailed report ([DCC-028](https://extranet.itu.int/sites/itu-t/jca/dcc/meetingdocs/JCA-DCC-028.docx)) is available at: <https://extranet.itu.int/sites/itu-t/jca/dcc/SitePages/Home.aspx>.

NOTE – Access to the documents is free, however, an ITU user account is required to access them. Instructions on signing up are available on the [JCA-DCC homepage](https://www.itu.int/en/ITU-T/jca/dcc/Pages/default.aspx).

1. *Matters requiring coordination:*

JCA-DCC representatives are encouraged to provide inputs on these issues for discussion at the next meeting:

* 1. Are existing DCC specifications or standards satisfactory? What is the status, what remains to be done technically, and how to ensure cohesion of the DCC standard developments?
  2. Is there a need for harmonization, consolidation of existing DCC specifications or standards?
  3. What is the perspective for those who do not have a COVID certificate standard yet?
  4. What is the DCC eco-system and who are the stakeholders relevant for standardization?
  5. Many countries ceased DCC with the decline of the pandemic. Is DCC obsolete or can it be applicable to other variants such as yellow fever?
  6. What are the lessons learnt from utilization of the existing DCC certificates?
  7. What are the (key) points of coordination exactly? What and who needs coordination/to be coordinated?
  8. Is there duplication, overlap of DCC specifications? How is interoperability among them ensured?
  9. Where is coordination already taking place (bi/multilaterally), how could this JCA help to overcome coordination or interoperability barriers?
  10. Where could be opportunities for joint work among standards organizations?
  11. Are there concrete steps, actions for coordination among the stakeholders that the JCA recommends or will want to recommend?
  12. Interoperability is a key issue for DCCs. From the presentations given, it is noted there are various existing DCC specifications but are they interoperable? How can the JCA tackle this issue?
  13. Do SDOs such as ITU-T need to adopt DCC specifications as international standards or do SDOs need to develop new standards while considering the current specifications?
  14. Current implementations of DCC are based on different techniques i.e., either PKI or blockchain, do standards based on these techniques need to be developed?

1. *Review of the draft roadmap for DCC standardization:*

The meeting progressed work on the DCC standardization roadmap and adopted its first draft, see attachment. Any input or feedback on this first draft DCC standardization roadmap is welcome.

1. *List of JCA-DCC representatives:*

The meeting reviewed and updated the list of JCA-DCC representatives, see Annex B. Relevant groups that are yet to identify their representative to JCA-DCC are requested to inform the JCA-DCC Secretariat at: [tsbjcadcc@itu.int](mailto:tsbjcadcc@itu.int) before its next meeting.

1. *Future meetings/events:*

The third JCA-DCC meeting is planned to take place virtually on 2 December 2022, 13:00-14:30 Geneva time. Key objectives of this meeting are to:

* Progress work on the DCC standardization roadmap to a stable draft status
* Review its Terms of Reference (with consideration for any new or revised relevant Resolutions adopted by the ITU Plenipotentiary Conference (26 September to 14 October 2022) and draft its progress report to TSAG’s meeting in December 2022, including a proposal for JCA-DCC’s continuation

Annex B:  
JCA-DCC contact list

(Status as of 26 August 2022)

| Group | Representative | Contact details |
| --- | --- | --- |
| Ecma TC51 | Patrick LUTHI | Email: [pl@ecma-international.org](mailto:pl@ecma-international.org) |
| ETSI TC eHEALTH | Scott CADZOW | Email: [scott@cadzow.com](mailto:scott@cadzow.com) |
| European Commission | Michiel SWEERTS | Email: [Michiel.SWEERTS@ec.europa.eu](mailto:Michiel.SWEERTS@ec.europa.eu) |
| Stavros KOUNIS | Email: [Stavros.KOUNIS@ext.ec.europa.eu](mailto:Stavros.KOUNIS@ext.ec.europa.eu) |
| FIDO Alliance | VACANT | - |
| GS1 | Neil PIPER | Email: [neil.piper@gs1.org](mailto:neil.piper@gs1.org) |
| GSMA | VACANT | - |
| HL7 | Diego KAMINKER | Email: [Diego@hl7.org](mailto:Diego@hl7.org) |
| IEEE | VACANT | - |
| ISO/IEC JTC 1/SC 6 | Jean-Paul LEMAIRE | Email: [jean-paul.lemaire@univ-paris-diderot.fr](mailto:jean-paul.lemaire@univ-paris-diderot.fr) |
| ISO/IEC JTC 1/SC 17 | Arjan GELUK | Email: [Arjan.Geluk@ul.com](mailto:Arjan.Geluk@ul.com) |
| ISO/IEC JTC 1/SC 27 | Kai RANNENBERG | Email: [kai.rannenberg@m-chair.de](mailto:kai.rannenberg@m-chair.de) |
| ISO/IEC JTC 1/SC 31 | Henri BARTHEL | Email: [henri.barthel@gs1.org](mailto:henri.barthel@gs1.org) |
| ISO/IEC JTC 1/SC 35 | VACANT | - |
| ISO/IEC JTC 1/SC 37 | VACANT | - |
| ISO PC 317 | VACANT | - |
| ISO TC 215 | Masuyoshi YACHIDA | Email: [yachida@ssr.titech.ac.jp](mailto:yachida@ssr.titech.ac.jp) |
| ISO TC 307/JWG 4 | VACANT | - |
| ITU-T Focus Group on Artificial Intelligence for Health (FG-AI4H) | Ana Rivière CINNAMOND | Email: [rivierea@paho.org](mailto:rivierea@paho.org) |
| Shan XU | Email: [xushan@caict.ac.cn](mailto:xushan@caict.ac.cn) |
| ITU-T Study Group 2 | VACANT | - |
| ITU-T Study Group 3 | VACANT | - |
| ITU-T Study Group 5 | VACANT | - |
| ITU-T Study Group 9 | VACANT | - |
| ITU-T Study Group 11 | Cheng LI | Email: [licheng@caict.ac.cn](mailto:licheng@caict.ac.cn) |
| ITU-T Study Group 12 | Samuel AGYEKUM | Email: [samuel.agyekum@nca.org.gh](mailto:samuel.agyekum@nca.org.gh) |
| ITU-T Study Group 13 | Gyu Myoung LEE | Email: [gmlee@kaist.ac.kr](mailto:gmlee@kaist.ac.kr) |
| ITU-T Study Group 15 | VACANT | - |
| ITU-T Study Group 16 | VACANT | - |
| ITU-T Study Group 17 | Lia MOLINARI | Email: [lmolinari@info.unlp.edu.ar](mailto:lmolinari@info.unlp.edu.ar) |
| Keundug PARK | Email: [jacepark926@gmail.com](mailto:jacepark926@gmail.com) |
| ITU-T Study Group 20 | Jun Seob LEE | Email: [juns@etri.re.kr](mailto:juns@etri.re.kr) |
| NIST | VACANT | - |
| RAISE Forum | VACANT | - |
| W3C DID WG | VACANT | - |
| WHO | Frederick LEITNER | Email: [leitnerc@who.int](mailto:leitnerc@who.int) |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_