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|  | INTERNATIONAL TELECOMMUNICATION UNION**TELECOMMUNICATIONSTANDARDIZATION SECTOR**STUDY PERIOD 2022-2024 | FG-AI4H-P-029 |
| **ITU-T Focus Group on AI for Health** |
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| **Source:** | JCA-DCC |
| **Title:** | LS on highlights from the first 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, European Commission, ISO/IEC JTC 1/SC6, SC17, SC 27/WG 5, SC31, SC35 and SC37; ISO PC 317, ISO/TC 215, ISO/TC 307/JWG 4, W3C DID WG, WHO, Ecma TC51, ETSI TC eHEALTH, FIDO Alliance, NIST, RAISE Forum, HL7, IEEE, GSMA  |
| **For information to:** | – |
| **Approval:** | JCA-DCC meeting (Virtual, 1 June 2022) |
| **Deadline:** | 30 July 2022 |
| **Contact:** | Heung Youl YoumChairman of JCA-DCC | E-mail: hyyoum@sch.ac.kr |

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| **Abstract:** | This LS informs on the highlights from the first meeting of the Joint Coordination Activity on Digital COVID-19 Certificates (JCA-DCC).  |

The Joint Coordination Activity on Digital COVID-19 Certificates (JCA-DCC) thanks you for your interest in DCCs. We are pleased to share with you the highlights from our first meeting which took place on 1 June 2022, see Annex A.

JCA-DCC has begun work on a DCC standardization roadmap which will provide global insights on standardization work in this area. This roadmap will be shared with you later once a first draft is completed; however, we welcome you to share any inputs or suggestions for inclusion into the roadmap.

JCA-DCC invites you to review its list of representatives in Annex B and if you are yet to do so, to inform us on your appointed representative by 30 July 2022.

We also invite you to participate in the second JCA-DCC meeting which is tentatively planned to take place virtually on 2 November 2022 to update us on your activities related to DCCs and to progress the work on the DCC standardization roadmap.

To fully maximise coordination, JCA-DCC also invites you to inform us on your interest in hosting the next/future JCA-DCC meetings in co-location with one of your future meetings. Expressions of interest to host a co-located second JCA-DCC meeting are requested to be submitted by 30 July 2022 to facilitate planning. Expressions of interest to host the third/future co-located meetings can be submitted at any time. Once finalized, the next and future meeting announcement would be shared via the JCA-DCC mailing list and made available on its [homepage](https://www.itu.int/en/ITU-T/jca/dcc/Pages/default.aspx).

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

Annex A:
Highlights from the 1st JCA-DCC meeting (E-meeting, 1 June 2022)

The 1st JCA-DCC meeting was held virtually on 1 June 2022 at 13:00-16:00 (CEST). The meeting chaired by Prof. Heung Youl Youm, JCA-DCC Chairman.

The meeting was attended by 22 participants and its detailed report can be found in [DCC-019](https://extranet.itu.int/sites/itu-t/jca/dcc/meetingdocs/JCA-DCC-019.docx).

All documentation for this meeting 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).

**Meeting highlights:**

1. *Review of* *standardization efforts in ITU-T Study Groups, other SDOs and Forums:*

The meeting reviewed and noted presentations from ITU-T SG17 and FG-AI4H, the European Commission, ISO/TC 215, ISO/IEC JTC 1/SCs 17, 27 and 31, Ecma TC51 and ETSI eHEALTH covering the various DCC-related standardization activities.

Inputs providing updates on these and other standardization efforts are invited for the next meeting.

1. *Matters requiring coordination:*

The JCA-DCC chairman raised the following key issues for consideration in developing JCA-DCC’s strategy (short-term, mid-term, long-term) for the time of its operation. This list of open issues will be the focus of discussions at the next JCA-DCC meeting.

JCA-DCC representatives are encouraged to provide inputs on these issues for review and 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. *Creation of a roadmap for DCC standardization and appointment of editors:*

The meeting agreed to start work on a standardization roadmap for DCCs and appointed Ms Sungchae Park (Korea (Rep. of)) and Dr Keundug Park (Korea (Rep. of)) as editors of the JCA-DCC roadmap.

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 before its next meeting.

1. *Future meetings/events:*

The second JCA-DCC meeting is tentatively planned to take place virtually on 2 November 2022.

However, to fully maximise coordination, JCA-DCC extends its invitation to relevant SDOs, groups and forums to inform the JCA-DCC Chairman and TSB if they have an interest in hosting the next/future JCA-DCC meetings in co-location with theirs.

Expressions of interest to host a co-located second JCA-DCC meeting are requested to be submitted by the end of July 2022 to facilitate planning. Expressions of interest to host the third/future co-located meetings can be submitted at any time.

Once finalized, the next and future meeting announcement would be shared via the JCA-DCC mailing list and made available on its [homepage](https://www.itu.int/en/ITU-T/jca/dcc/Pages/default.aspx).

**Annex B:**

**JCA-DCC contact list**

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| **Group** | **Representative** | **Contact details** |
| Ecma TC51 | Patrick LUTHI | Email: pl@ecma-international.org  |
| ETSI TC eHEALTH | Scott CADZOW | Email: scott@cadzow.com |
| European Commission | Michiel SWEERTS  | Email: Michiel.SWEERTS@ec.europa.eu |
| Stavros KOUNIS  | Email: Stavros.KOUNIS@ext.ec.europa.eu |
| FIDO Alliance | VACANT | - |
| GSMA | VACANT | - |
| HL7 | Diego KAMINKER  | Email: Diego@hl7.org  |
| IEEE | VACANT | - |
| ISO/IEC JTC 1/SC 6 | Jean-Paul LEMAIRE | Email: jean-paul.lemaire@univ-paris-diderot.fr  |
| ISO/IEC JTC 1/SC 17 | Arjan GELUK | Email: Arjan.Geluk@ul.com  |
| ISO/IEC JTC 1/SC 27 | Kai RANNENBERG | Email: kai.rannenberg@m-chair.de  |
| ISO/IEC JTC 1/SC 31 | Henri BARTHEL | Email: 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  |
| ISO TC 307/JWG 4 | VACANT | - |
| ITU-T Focus Group on Artificial Intelligence for Health (FG-AI4H) | Ana Rivière CINNAMOND  | Email: rivierea@paho.org  |
| Shan XU  | Email: 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 | VACANT | - |
| ITU-T Study Group 12 | VACANT | - |
| ITU-T Study Group 13 | Gyu Myoung LEE  | Email: 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  |
| Keundug PARK | Email: jacepark926@gmail.com  |
| ITU-T Study Group 20 | VACANT | - |
| ITU-T TSAG | VACANT | - |
| NIST | VACANT | - |
| RAISE Forum | VACANT | - |
| W3C DID WG | VACANT | - |
| WHO | Frederick LEITNER  | Email: leitnerc@who.int  |

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