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| ITU logo | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2017-2020 | | | FG-AI4H-I-025 | |
| **ITU-T Focus Group on AI for Health** | |
| **Original: English** | |
| **Question(s):** | | Plenary | | E-meeting, 6-7 May 2020 | |
| **DOCUMENT** | | | | | |
| **Source:** | | ITU-T Study Group 17 | | | |
| **Title:** | | LS on AI (Artificial Intelligence)/ML (Machine Learning) and security (reply to FG-AI4H-LS1) [from ITU-T SG17] | | | |
| **Purpose:** | | Information | | | |
| **LIAISON STATEMENT (Ref:** [**SG17-LS249**](https://www.itu.int/net/itu-t/ls/ls.aspx?isn=22750)**)** | | | | | |
| **For action to:** | | | - | | |
| **For comment to:** | | | - | | |
| **For information to:** | | | FG-AI4H | | |
| **Approval:** | | | ITU-T Study Group17 meeting (Virtual, 26 March 2020) | | |
| **Deadline:** | | | - | | |
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| **Abstract:** | This reply LS informs the FG-AI4H that ITU-T SG17 is working on a new technical report that will address security guidelines for data collaboration in machine learning when fully homomorphic encryption (FHE) is used. |

ITU-T SG17 thanks FG-AI4H for informing us on your new project: Secure and privacy-preserving benchmarking for artificial intelligence in health, in FG-AI4H (FG-AI4H-LS1). We are pleased to collaborate with FG-AI4H.

In the 17-26 March 2020 e-meeting, SG17 agreed to establish a new work item TR.sgfdm, *Technical Report on security guidelines for FHE-based data collaboration in machine learning* in ourQ7/17.

SG17 would like to work closely with you to collaborate on security aspects of homomorphic encryption-based application security services.

We look forward to continuing collaboration with FG-AI4H.

**Attachment:**

* TR.sgfdm, Security guidelines for FHE-based data collaboration in machine learning ([SG17-TD2897](https://www.itu.int/md/T17-SG17-200317-TD-PLEN-2897/en)) - <https://extranet.itu.int/sites/itu-t/focusgroups/ai4h/docs/FGAI4H-I-025-A01.docx>

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