|  |  |
| --- | --- |
| Project | **IEEE 802.21 Working Group for Media Independent Services**  **<**[**http://www.ieee802.org/21/**](http://www.ieee802.org/21/)**>** |
| Title | **Voting result of ISO/IEC JTC1 SC6 DCOR ballot on IEEE Std 802.21-2017/Cor. 1** |
| DCN | **21-18-0031-00-0000** |
| Date Submitted | **June 26, 2018** |
| Source(s) | **Hyeong Ho LEE** [hhlee@netvisiontel.com](mailto:hhlee@netvisiontel.com) **(Netvision Telecom Inc.)** |
| Re: | IEEE 802.21 Session #86 in San Diego, USA |
| Abstract | This document contains the voting result of ISO/IEC JTC1 SC6 DCOR ballot on IEEE Std 802.21-2017/Cor. 1. |
| Purpose | This document is composed to share the information on the voting result of ISO/IEC JTC1 SC6 DCOR ballot on IEEE Std 802.21-2017/Cor. 1. |
| Notice | This document has been prepared to assist the IEEE 802.21 Working Group. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein. |
| Release | The contributor grants a free, irrevocable license to the IEEE to incorporate material contained in this contribution, and any modifications thereof, in the creation of an IEEE Standards publication; to copyright in the IEEE’s name any IEEE Standards publication even though it may include portions of this contribution; and at the IEEE’s sole discretion to permit others to reproduce in whole or in part the resulting IEEE Standards publication. The contributor also acknowledges and accepts that IEEE 802.21 may make this contribution public. |
| Patent Policy | The contributor is familiar with IEEE patent policy, as stated in [Section 6 of the IEEE-SA Standards Board bylaws](http://standards.ieee.org/guides/opman/sect6.html#6.3) <[http://standards.ieee.org/guides/bylaws/sect6-7.html#6](http://127.0.0.1:4664/cache?event_id=757737&schema_id=1&s=5X0vID10lu_E6yrIkWkNd4Wz2H8&q=hancock)> and in *Understanding Patent Issues During IEEE Standards Development* <http://standards.ieee.org/board/pat/faq.pdf> |

Voting on the DCOR (Draft Technical Corrigendum) ballot on IEEE Std 802.21™-2017/Cor 1-2017 started on March 18, 2018 and ended on June 16, 2018 in ISO/IEC JTC1/SC6 committee.

P-members voted on the following questions in the DCOR ballot on IEEE Std 802.21™-2017/Cor 1-2017, IEEE Standard for Local and metropolitan area networks — Part 21: Media Independent Services Framework—Corrigendum 1: Clarification of Parameter Definition in Group Session Key Derivation.

Q.1 "Do you support the need for a corrigendum to the subject ISO/IEC/IEEE International Standard?"

Q.2 "Do you approve the draft for publication?"

Q.3 "If you disapprove the draft, would you please indicate if you accept to change your vote to approval if the reasons and appropriate changes will be accepted? "

Following is the summary of voting on the DCOR ballot.

* Votes cast: 17 P-Members (5 Yes, 12 Abstention on Q.1 and Q.2)
* Votes not cast: 1 P-Member
* Result of voting: Approved

Acceptance criterion: Approval by 2/3 of the P-members and not more than 25% negative votes overall (abstentions are not counted)

China NB casted ‘Abstention’ vote on Q.1 and Q.2 with the following comments on Q.3.

* This proposal is a corrigendum to IEEE 802.21-2017. China NB voted negatively during the ballot of ISO/IEC/IEEE FDIS 8802-21 (the FDIS text of IEEE 802.21-2017 submitted to SC6) with technical comments attached:

*It is clearly stated in ISO/IEC/IEEE FDIS 8802-21 that this standard is implemented with IEEE 802.1X-2010 (please refer to 5.7.4), on which China NB has expressed objection and submitted detailed comments (please refer to 6N15555 etc.). IEEE has acknowledged the receiving of China NB’s comments, but there hasn’t been any technical improvements made on IEEE Std 802.1X and hence the defects still exist.*

*A protocol based on EAP is designed in ISO/IEC/IEEE FDIS 8802-21 text, and this protocol clearly states to use SHA-256 and AES algorithms as default. However, policy and regulation limitations on application of cryptographic algorithm differ from countries and regions. Therefore, it is improper to specify SHA-256 and AES algorithms as the default ones.*

* It is also noticed that IEEE 802.21 WG responded in 6N16770. However, there were no corresponding technical changes to IEEE 802.21-2017 text.
* Therefore, China NB believe it is unreasonable to proceed standardization activities based on IEEE 802.21-2017 at the circumstance that the technical comments to IEEE 802.21-2017 are not properly resolved.

Following document of ISO/IEC JTC1/SC6 contains the summary of voting on DCOR ballot on IEEE Std 802.21-2017/Cor 1-2017.

