



ITU-T Focus Groups

FG-QIT4N: Focus Group on Quantum Information Technology for Networks

Info session on FG-QIT4N deliverables

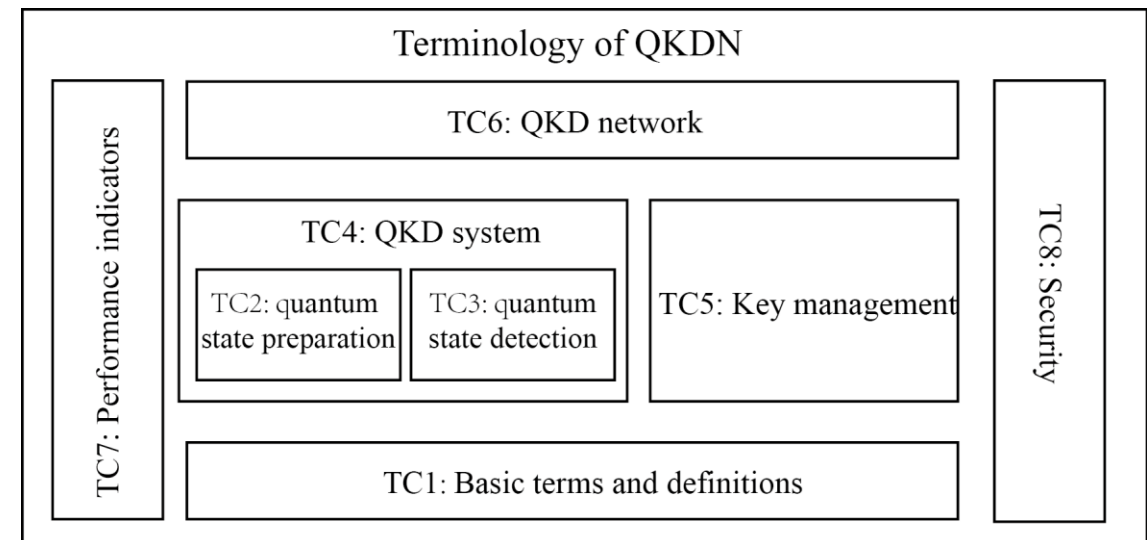
06 December 2021

Technical Report FG QIT4N D2.1

- **Title:** Quantum information technology for networks terminology: Quantum key distribution network
- **Summary:** This technical report provides a survey of terminology relevant to QKDN currently published or under development by SDOs including ETSI ISG QKD, ISO/IEC JTC1 SC27 WG3 and ITU-T SG13/17. And based on the survey, the terms are categorized according to the specific technical directions they fall under.
- **Link to the final draft:** <https://www.itu.int/en/ITU-T/focusgroups/qit4n/Documents/D2.1.pdf>
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- **QKDN relevant terminologies collected from the following sources:**
 - **ETSI ISG QKD:** GR QKD 007 Quantum Key Distribution (QKD); Vocabulary (published in 2018) **and its latest drafting updates (v1.3.2)**
 - **ISO/IEC JTC1 SC27 WG3:** ISO/ IEC 23837 Security requirements, test and evaluation methods for quantum key distribution (still in the drafting stage CD2)
 - **ITU-T SG13/17:** published Recommendations on QKDN, i.e., Y.3800, Y.3802, Y.3803, Y.3806, X.1702, X.1710
- **Result of this survey:**
 - **Collect 172 terms relevant to QKD/QKDN**
 - **The terms are categorized into 8 classes**
 - **Several identical and similar terms used in different SDOs are found**



For more information:



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Visit the website:

<http://www.itu.int/go/fgqit4n>