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Recommendation

ITU-T Y.3810 (09/2024)

SERIES Y: Global information infrastructure, Internet protocol aspects, next-generation networks, Internet of Things and smart cities

Quantum key distribution networks

Quantum key distribution network interworking – Framework

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Recommendation ITU-T Y.3810

Quantum key distribution network interworking – Framework

Summary

For quantum key distribution networks (QKDN), Recommendation ITU-T Y.3810 specifies the framework of QKDN interworking (QKDNi). This Recommendation describes the overview of interworking QKDNs, the reference models, and the functional models of gateway functions (GWFs) and interworking functions (IWFs). The configurations for QKDNi are specified. Appendix I includes QKDNi with different key relay schemes.

History*

Edition	Recommendation	Approval	Study Group	Unique ID
1.0	ITU-T Y.3810	2022-09-29	13	11.1002/1000/15063
2.0	ITU-T Y.3810	2024-09-13	13	11.1002/1000/16136

Keywords

QKD network (QKDN), QKDN interworking (QKDNi), Quantum key distribution (QKD).

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In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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