



Applications and Use Cases for the Quantum Internet

<https://www.ietf.org/id/draft-irtf-qirg-quantum-internet-use-cases-03.txt>

Chonggang Wang, Akbar Rahman, Ruidong Li, Melchior
Aelmans

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Background of Present I-D v03

- (May 24) v00 was uploaded as RG document.
- (Jul 10) v01 was generated and presented in IETF 108.
- (Sept 18) v02 was generated to address the comments on v01 received from IETF 108. v02 has been shared for comments through the email reflector.
- (Oct 29) v03 made some updates based on the email discussions and feedback from Patrick Gelard and Wojciech Kozlowski on v02.

Major Updates since IETF 108 (in v03)

- Reorganize “6. General Requirements” into two parts: “6.1. Background” and “6.2. Requirements”.
 - Added a new management-related requirement to “6.2. Requirements”
- Added two paragraphs in “9. Security Consideration” to discuss “privacy”.
- Replaced “quantum subnetwork” to “quantum network”
- Some editorial changes throughout the document to increase readability.

Next Steps

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- v02 has been reviewed and discussed through the email reflector. Comments and feedback on v02 have been addressed in v03.
- v03 is relatively stable now.
- Do Chairs think that the draft v03 is ready for RG Last Call?