名前 _____ 日付 ____／____

QUESTION

Read the article below and summarize it in your own words as far as possible in English. Summarize it between 90 and 110 words.

以下の記事を読み、できる限り自分の言葉を使って英語で要約しなさい。90〜110語で要約しなさい。

READING

Governments, businesses, banks, and many other organizations rely on modern encryption to protect confidential information and online transactions. These systems make intercepted data extremely difficult to read without the correct digital keys. However, researchers expect that sufficiently powerful quantum computers could eventually solve some mathematical problems much faster than today's machines. If that happens, several widely used encryption methods may no longer provide adequate protection. Data that is secure under current standards could then become vulnerable, even if the information was collected or transmitted years earlier.

The consequences could be serious. Attackers might gain access to sensitive government records, business secrets, or financial information that was previously protected by strong encryption. There is also concern about data that must remain confidential for many years. Criminals or hostile organizations could store encrypted information now and wait until more advanced computers become available to decode it later. This means the threat is not limited to future transactions. Information that is already being archived today may need stronger protection before large-scale quantum computing becomes practical.

To prepare for this possibility, governments and companies are beginning to adopt new forms of encryption designed to remain secure even against quantum computers. The transition will need to happen gradually because cryptographic technology is built into enormous numbers of software systems, devices, and communication networks. Updating all of them will require considerable time and investment. Older equipment may also be unable to support new standards, while changing one system too quickly can create compatibility problems with others that still use existing methods. Because digital networks connect organizations across many countries, successful migration will require broad coordination as well as repeated testing. Even if new algorithms are available, replacing existing protections worldwide is likely to be a long and expensive process.

要約は2ページ目に書きます。記事の和訳は載せていません（読む練習のため）。答え合わせはQRから。

スマホで読み取ると、書いた英文をその場でAIが添削します。

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名前 _____　日付 _____／_____

1ページ目の記事を、90〜110語の英語で要約します。記事の言葉をそのまま写さず、自分の言葉で言い換えましょう。

解答欄

目安 90〜110語（1行に8〜9語ほど）

枠の中に書いてください

メモ（要点を3つ書き出してから、まとめます）

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