

## LISTENING

### Task 1. Watch the video and fill in the gaps.

Cyber crime is \_\_1\_\_ all over the world. By 2050, smart cities and homes will be the norm. Your fridge will tell a drone to pick up fresh milk when you run out, and lampposts will change \_\_2\_\_ of street lights when smartphones and therefore humans are nearby. In this hyperconnected world, \_\_3\_\_ cyber-criminals pose will only grow. In the home, smart devices, including voice assistants, vacuum cleaners, and toilets, will be easy \_\_4\_\_ for hackers. While these poorly secured gadgets do not store sensitive data themselves, they \_\_5\_\_ to others that do and are vulnerable \_\_6\_\_ for criminals. Meanwhile, \_\_7\_\_ is a double-edged sword. While AI systems can help to identify incoming threats, attackers could also use them to unearth \_\_8\_\_. In future, foreign powers or cyber-criminals could cripple a country's electricity network by \_\_9\_\_ the AI that controls it, or they could cut off the water supply or even cause \_\_10\_\_ on the roads. AI could also help identify **fraudsters** by generating **deepfakes**. These digital **doppelgangers** are currently \_\_11\_\_, but the techniques used to create them are rapidly improving, with increasingly realistic depictions of people. So far, they've mostly been used as part of revenge pornography. But a realistic digital avatar could be \_\_12\_\_ for wheedling key details such as passwords or bank details out of targets. But the struggle to keep systems **secure** is not hopeless. By 2050, much poorly written and **outdated** code will be removed and replaced by more secure alternatives. Even passwords could be **phased out**, obsolete and less \_\_13\_\_ than facial recognition software. **Deepfakes** could be beaten by constant \_\_14\_\_ that track eye movement, faces, and keystrokes to ensure the person behind the keyboard is who they claim to be. But that \_\_15\_\_ putting cybersecurity over privacy. Policymakers and designers must work hard to ensure that this does not become a binary choice.

### Task 2. Watch the video again and complete the word combinations:

1. hyperconnected \_\_\_\_\_
2. easy pickings for \_\_\_\_\_
3. poorly \_\_\_\_\_ gadgets
4. \_\_\_\_\_ access points
5. a \_\_\_\_\_ sword
6. to unearth \_\_\_\_\_
7. \_\_\_\_\_ a country's electricity network
8. to cause \_\_\_\_\_ chaos
9. \_\_\_\_\_ fraudsters

10. to \_\_\_\_\_ deepfakes
11. \_\_\_\_\_ doppelgangers
12. a realistic \_\_\_\_\_ avatar
13. \_\_\_\_\_ code
14. to phase out \_\_\_\_\_
15. facial \_\_\_\_\_ software