



54 EDR Killers Exploit Vulnerable Drivers to Bypass Security

Description

A new study has found that 54 programs can stop security tools on computers. This study was done by a Slovakian cybersecurity company. These programs use a method called bring your own vulnerable driver (BYOVD). They take advantage of 35 weak or unsafe drivers.

Ransomware attacks are when bad actors hold data hostage for money. They often use EDR killer programs to turn off security software. This helps them avoid being found. It is hard for them to stay hidden when they use their programs, as they create a lot of noise while working.

Many EDR killers use real drivers that have problems. These drivers help them gain more power over the system. This makes it easier to disable security tools. Threat actors, or people who carry out attacks, can also change important system settings.

To fight against these threats, organizations need strong security. They should stop unsafe drivers from loading and watch for attacks at every step. ESET says these EDR killers work well because they are easy to use and reliable.

Vocabulary List:

1. **vulnerable** //ˈvʌlnərəbəl// (adjective): easily hurt, damaged, or open to attack
2. **driver** //ˈdraɪvər// (noun): a program that controls a computer's hardware devices
3. **ransomware** //ˈrænsəmweɪr// (noun): malicious software that locks files for money
4. **disable** //dɪsˈeɪbəl// (verb): to make a device or program stop working
5. **threat** //θreɪt// (noun): something or someone that could cause harm
6. **cybersecurity** //ˌsaɪbərˈsɪkjʊrəti// (noun): work and tools to protect computers and networks

Comprehension Questions

Multiple Choice

1. How many programs can stop security tools on computers according to the new study?
Option: 35
Option: 54



Option: 60

Option: 75

2. What method do these programs use to exploit vulnerabilities?

Option: Bring Your Own Vulnerable Driver (BYOVD)

Option: Malware Injection

Option: Phishing Scams

Option: Keylogging

3. What do ransomware attacks typically do?

Option: Improve data security

Option: Hold data hostage for money

Option: Enhance system performance

Option: None of the above

4. What do EDR killer programs do?

Option: Help secure data

Option: Turn off security software

Option: Install updates

Option: Encrypt files

5. Why is it difficult for attackers to remain hidden when using EDR killers?

Option: They are too reliable

Option: They create a lot of noise

Option: They use encrypted communication

Option: They are well disguised

6. According to ESET, how effective are EDR killers?

Option: Ineffective and complex

Option: Difficult to use and unreliable

Option: Easy to use and reliable

Option: Only effective in specific cases

True-False

7. The new study was conducted by a Czech cybersecurity company.

8. Ransomware attacks involve taking data for ransom.



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9. EDR killer programs are known for enhancing system security.
 10. The study indicates that there are unsafe drivers that can be exploited.
 11. Organizations do not need to pay attention to unsafe drivers according to the new study.
 12. Threat actors can change important system settings during attacks.

Gap-Fill

13. The study was done by a Slovakian cybersecurity company and found that _____ programs can stop security tools on computers.
14. The method called bring your own vulnerable driver (BYOVD) takes advantage of _____ weak or unsafe drivers.
15. Ransomware attacks are when bad actors hold _____ hostage for money.
16. EDR killer programs help attackers turn off _____ software.
17. To combat these threats, organizations need strong _____.
18. ESET says these EDR killers work well because they are _____ to use and reliable.

Answer

Multiple Choice: 1. 54 2. Bring Your Own Vulnerable Driver (BYOVD) 3. Hold data hostage for money 4. Turn off security software 5. They create a lot of noise 6. Easy to use and reliable

True-False: 7. False 8. True 9. False 10. True 11. False 12. True

Gap-Fill: 13. 54 14. 35 15. data 16. security 18. easy

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)



1. What type of cybersecurity threat involves malicious software that demands payment?

- Option: Malware
- Option: Ransomware
- Option: Phishing
- Option: Spyware

2. Which term refers to visual images or designs on a computer screen?

- Option: Graphics
- Option: Audio
- Option: Interfaces
- Option: Models

3. What term is used to describe a specific release of software?

- Option: Update
- Option: Version
- Option: Edition
- Option: Patch

4. What type of shelters do some spider species create in the ground?

- Option: Hives
- Option: Burrows
- Option: Nests
- Option: Caves

5. What is the term for a group of organisms that can interbreed?

- Option: Genus
- Option: Family
- Option: Species
- Option: Order

6. What term describes an organism at risk of extinction?

- Option: Protected
- Option: Endangered
- Option: Vulnerable
- Option: Stable

7. What are the input mechanisms used to operate a video game called?

- Option: Controls
- Option: Graphics
- Option: Levels
- Option: Scores



8. Which term means to make ready for a specific purpose?

- Option: Plans
- Option: Prepares
- Option: Cultivates
- Option: Creates

9. What is the term for taking on a new policy or technology?

- Option: Implemented
- Option: Adopted
- Option: Established
- Option: Persuaded

10. What term refers to the advancement towards a goal?

- Option: Status
- Option: Outcome
- Option: Progress
- Option: Growth

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. The field that deals with the protection of computer systems from theft or damage is called _____ .

12. Some types of _____ construct burrows for shelter and protection.

13. The process of reproduction in many species is known as _____ .

14. Archaeologists use radiocarbon dating as _____ to determine the age of artifacts.

15. Rapid advancements in _____ have significantly changed our lives in the last decade.

16. The latest software update includes several _____ for better performance.

17. Customer _____ is essential for resolving user issues effectively.

18. A _____ is required for the operating system to communicate with hardware devices.



19. The software's new release addresses several previously reported _____ .
20. The _____ is a tool used to throw spears more efficiently in ancient hunting.

Matching Sentences (Match each definition to the correct word from the vocabulary list.)

21. Biological classification helps scientists organize living organisms into categories.
22. You can disable notifications to minimize distractions while working.
23. Some spider species use palps for mating and sensory functions.
24. The software update was released to enhance user experience and performance.
25. Using solar panels is an efficient way to harness renewable energy.
26. Technical support is crucial for troubleshooting software issues.
27. Cybersecurity professionals work to identify and mitigate potential threats to systems.
28. The research team is making steady progress on their study of tarantula behavior.
29. The online course provides rich content to help learners grasp complex subjects.
30. Recent improvements in technology have transformed communication methods.

Answer

Multiple Choice: 1. Ransomware 2. Graphics 3. Version 4. Burrows 5. Species 6. Vulnerable 7. Controls 8. Prepares 9. Adopted 10. Progress

Gap-Fill: 11. cybersecurity 12. tarantulas 13. mating 14. evidence 15. technology 16. improvements 17. support 18. driver 19. issues 20. atlatl

Matching sentence: 1. classification 2. disable 3. palps 4. released 5. efficient 6. support 7. threat 8. progress 9. content 10. improvements

CATEGORY

1. Sci/Tech - LEVEL1

POST TAG

1. 54 EDR Killers



2. BYOVD
3. disable security
4. ESL learning
5. esl news
6. Level 1
7. signed drivers

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