

---

# Anthropic's New Model: Breakthrough or Risk for Cybersecurity?

## Description

The next phase of AI-driven cybersecurity attacks is expected to be unprecedented. This warning comes from Anthropic, an AI firm, which recently revealed that its new AI model, named Mythos, could exploit online security weaknesses much faster than previously seen.

Anthropic is not alone in these concerns. Earlier in December, OpenAI had similarly cautioned that its forthcoming models would present a high risk in cybersecurity. Experts believe that AI can not only escalate existing threats but also create new software vulnerabilities quickly.

The emergence of AI agents, software that can perform tasks without human input, raises the stakes. According to some experts, a single AI agent could identify and exploit vulnerabilities more efficiently than many human hackers combined.

This shift is being described as a significant turning point in cybersecurity by Shlomo Kramer, a leader in the field. Anthropic disclosed details about Mythos through a blog post, which was later leaked. The company blamed the leak on a mistake within its content management system.

Currently, Mythos is equipped with capabilities that surpass other models, indicating a wave of advanced tools that could far outpace security measures. To address this potential threat, Anthropic is allowing select organisations to test the model ahead of its full release.

The company is also alerting government officials about the risk of major cyberattacks facilitated by AI technologies. As new models from various companies continue to emerge, the challenges for cybersecurity will likely escalate, intensifying the ongoing battle between attackers and defenders.

---

## Vocabulary List:

1. **unprecedented** //ʌn'prɛsɪdɛntɪd// (adjective): never happened before; larger or more serious
2. **exploit** //ɪk'splɔɪt// (verb): use a weakness to get advantage or harm
3. **vulnerabilities** //ˌvʌlnərə'bɪlətɪz// (noun): weak parts in software or systems that attackers use
4. **escalate** //ˈɛskəˌleɪt// (verb): become more serious or make more serious
5. **emergence** //ɪ'mɜːdʒəns// (noun): when something new starts to appear or happen
6. **facilitated** //fə'sɪlɪtɪtɪd// (verb): helped make something happen or easier

## Comprehension Questions



---

## Multiple Choice

1. What is the name of the new AI model developed by Anthropic?  
Option: Mythos  
Option: Hercules  
Option: Atlas  
Option: Triton
2. Which company warned that its forthcoming models would present a high risk in cybersecurity?  
Option: Microsoft  
Option: OpenAI  
Option: Google  
Option: IBM
3. What could the single AI agent do according to some experts?  
Option: Defend systems  
Option: Identify and exploit vulnerabilities  
Option: Create software  
Option: Educate users
4. Who described the emergence of AI in cybersecurity as a significant turning point?  
Option: Shlomo Kramer  
Option: Sam Altman  
Option: Elon Musk  
Option: Jeff Bezos
5. What did Anthropic blame for the leak of details about Mythos?  
Option: External hackers  
Option: Government oversight  
Option: Mistake within its content management system  
Option: Media intrusion
6. What is the current status of Mythos according to the content?  
Option: Overhyped  
Option: Underdeveloped  
Option: Surpassing other models  
Option: Outdated



---

### True-False

7. Mythos is an AI model developed by Anthropic.
8. AI agents can perform tasks only with human input.
9. The emergence of AI technologies in cybersecurity is described as a minor event.
10. Anthropic is allowing select organizations to test Mythos ahead of its full release.
11. The leak of Mythos details was attributed to a successful cyberattack.
12. Cybersecurity challenges are expected to decrease with new AI models.

### Gap-Fill

13. The next phase of AI-driven cybersecurity attacks is expected to be \_\_\_\_\_.
14. Anthropic disclosed details about Mythos through a blog post, which was later \_\_\_\_\_.
15. Experts believe that AI can escalate existing threats and create new software vulnerabilities \_\_\_\_\_.
16. A single AI agent could identify and exploit vulnerabilities more \_\_\_\_\_ than many human hackers combined.
17. Anthropic is alerting government officials about the risk of major \_\_\_\_\_ facilitated by AI technologies.
18. This shift is described as a significant turning \_\_\_\_\_ in cybersecurity.

### Answer

**Multiple Choice:** 1. Mythos 2. OpenAI 3. Identify and exploit vulnerabilities 4. Shlomo Kramer 5. Mistake within its content management system 6. Surpassing other models

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

**Gap-Fill:** 13. unprecedented



14. leaked 15. quickly 16. efficiently 17. cyberattacks 18. point

## Vocabulary quizzes

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

1. What are often targeted by cybercriminals to gain unauthorized access?

- Option: Networks
- Option: Vulnerabilities
- Option: Firewalls
- Option: Databases

2. What term describes a hopeful attitude towards the future?

- Option: Pessimism
- Option: Realism
- Option: Optimism
- Option: Cynicism

3. What does it mean to increase or intensify in severity?

- Option: Regulate
- Option: Escalate
- Option: Diminish
- Option: Moderate

4. What financial assistance is often provided by the government to help reduce costs?

- Option: Grants
- Option: Loans
- Option: Subsidies
- Option: Investments

5. What term refers to interruptions that can cause confusion or disorder?

- Option: Consolidations
- Option: Improvements
- Option: Disruptions
- Option: Stabilizations

6. What term is used to describe strained relations or conflicts between entities?



- Option: Relaxations
- Option: Tensions
- Option: Harmonies
- Option: Unities

7. What term is used to describe a sudden increase or rise?

- Option: Minimized
- Option: Dropped
- Option: Surged
- Option: Stagnated

8. What is the term for making a process easier or less difficult?

- Option: Obstructed
- Option: Complicated
- Option: Facilitated
- Option: Impeded

9. What term describes a substance that has been made liquid?

- Option: Solidified
- Option: Liquefied
- Option: Frozen
- Option: Gaseous

10. What verb means to counterbalance or compensate for something?

- Option: Increase
- Option: Offset
- Option: Reduce
- Option: Enhance

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

11. Natural disasters can lead to significant disruptions in \_\_\_\_\_ services.

12. The emergence of new technologies often changes \_\_\_\_\_ industries.

13. Political tensions can escalate due to \_\_\_\_\_ actions.

14. After the announcement, the stock prices surged to new \_\_\_\_\_ highs.

15. Organizations must identify their security vulnerabilities to \_\_\_\_\_ risks.



16. The report generated a sense of optimism about the \_\_\_\_\_ economy.
17. The new software facilitated \_\_\_\_\_ communication between teams.
18. Liquefied natural gas is often transported in \_\_\_\_\_ tankers.
19. Farmers often rely on government subsidies to \_\_\_\_\_ agricultural costs.
20. The stock market experienced a correction after a long period of \_\_\_\_\_ growth.

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

21. The event was unprecedented in its scale and impact.
22. Hackers often exploit system weaknesses to gain unauthorized access.
23. The situation began to escalate after the controversial decision.
24. The stock market index reflects the performance of various companies.
25. The gains from investments may offset other financial losses.
26. Steps were taken to mitigate the effects of the disaster.
27. A market correction can often lead to new investment opportunities.
28. Sales surged during the holiday season, exceeding all expectations.
29. Heightened tensions amid the negotiations made progress difficult.
30. The military was deployed to assist in the disaster relief efforts.

**Answer**

**Multiple Choice:** 1. Vulnerabilities 2. Optimism 3. Escalate 4. Subsidies 5. Disruptions 6. Tensions 7. Surged 8. Facilitated 9. Liquefied 10. Offset

**Gap-Fill:** 11. essential 12. traditional 13. provocative 14. record 15. mitigate 16. global 17. efficient 18. specialized 19. offset 20. rapid

**Matching sentence:** 1. unprecedented 2. exploit 3. escalate 4. index 5. offset 6. mitigate 7. correction 8. surged 9. tensions 10. deployed



---

## CATEGORY

1. Business - LEVEL5

## POST TAG

1. anthropic
2. cybersecurity
3. ESL learning
4. esl news
5. Level 5
6. watershed moment

## Tags

1. anthropic
2. cybersecurity
3. ESL learning
4. esl news
5. Level 5
6. watershed moment

## Date Created

2026/04/04

## Author

aimeeyoung99

ESL-NEWS.COM