



Biden's AI Export Rules: Winners and Losers

Description

Nvidia Headquarters is upset about new AI restrictions from the US government. These restrictions limit sales to only 18 countries, leaving out others. This will hurt the global AI industry and American leadership in technology.

The limits will benefit Chinese AI companies and cloud server providers in the US. India and China are also building talent in AI, becoming strong competitors.

Preventing China from accessing US hardware may slow them down, but they could improve their own technology. Limiting access to AI hardware hurts countries outside the US more than China.

The result is that American tech companies lose out on sales, other countries struggle to join the AI revolution, and China gains more influence in the tech industry.

Why are we letting China challenge our leadership in AI? This could have big consequences for the future.

Disclaimer: The author's opinions in this article should not be seen as investment advice. Cambrian-AI Research works with many semiconductor companies but doesn't invest in them. Visit their website for more information.

Vocabulary List:

1. **Restrictions** /rɪ'strɪkʃənz/ (noun): Rules or regulations that limit or control something.
2. **Competitors** /kəm'petɪtərz/ (noun): Entities that compete against others in the same market or industry.
3. **Influence** /'ɪnfluəns/ (noun): The capacity to have an effect on the character or development of someone or something.
4. **Consequences** /'kɒnsɪkwənsɪz/ (noun): Results or effects of an action often used in a negative context.
5. **Hardware** /'hɑːrd,weɪ/ (noun): The physical components of a computer system or electronic device.
6. **Technology** /tek'nɒlədʒi/ (noun): The application of scientific knowledge for practical purposes especially in industry.

Comprehension Questions



Multiple Choice

1. What is the main concern of Nvidia Headquarters regarding the new AI restrictions from the US government?
 - Option: Limited sales opportunities
 - Option: Global AI industry growth
 - Option: Chinese AI competition
 - Option: American leadership in technology

2. Which countries are specifically mentioned to benefit from the new AI restrictions?
 - Option: India and China
 - Option: Russia and Germany
 - Option: Brazil and Japan
 - Option: Canada and Australia

3. How might limiting access to AI hardware affect countries outside the US?
 - Option: Benefit their AI industry growth
 - Option: Accelerate their technology development
 - Option: Hurt their ability to join the AI revolution
 - Option: Increase their influence in the tech industry

4. What is one potential consequence of China gaining more influence in the tech industry?
 - Option: Decrease in global AI industry growth
 - Option: Loss of sales for American tech companies
 - Option: Stagnation of Chinese AI development
 - Option: Increase in US hardware exports

5. Who is the author of the article expressing concern about challenging American leadership in AI?
 - Option: Former US president
 - Option: CEO of Nvidia
 - Option: Founding member of Cambrian-AI Research
 - Option: Chinese government official

6. What industry does Cambrian-AI Research work with?
 - Option: Automotive
 - Option: Hospitality
 - Option: Semiconductor
 - Option: Agriculture



True-False

- 7. The new AI restrictions from the US government only apply to 12 countries.
- 8. China stands to benefit the most from the limitations on AI hardware access.
- 9. The author of the article warns about potential consequences for the future of AI leadership.
- 10. Cambrian-AI Research invests in semiconductor companies.
- 11. India and China are not mentioned as competitors in the AI industry.
- 12. The new AI restrictions may lead to increased cooperation between American and Chinese tech companies.

Gap-Fill

- 14. Preventing China from accessing US hardware may slow them down, but they could improve their own _____.
- 15. China gains more influence in the _____ industry due to the new AI restrictions.
- 16. American tech companies may lose out on _____ due to the limitations on AI hardware access.
- 17. The author of the article expresses concern about the potential consequences for the future of _____ leadership in AI.

Answer

Multiple Choice: 1. Limited sales opportunities 2. India and China 3. Hurt their ability to join the AI revolution 4. Loss of sales for American tech companies 5. Founding member of Cambrian-AI Research 6. Semiconductor

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

Gap-Fill: 14. technology 15. tech 16. sales 17. American



Vocabulary quizzes

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

1. What is the correct meaning of the word "Admitted"?
Option: Declined
Option: Accepted
Option: Confused
Option: Delayed
2. What action might a customer request in case of dissatisfaction with a product?
Option: Upgrade
Option: Refund
Option: Extension
Option: Discount
3. What term is used to describe a specific goal or purpose that an organization aims to achieve?
Option: Objective
Option: Vision
Option: Mission
Option: Strategy
4. Which word refers to the application of scientific knowledge for practical purposes?
Option: Science
Option: Engineering
Option: Technology
Option: Mathematics
5. What term describes the results or effects of a particular action or situation?
Option: Causes
Option: Antecedents
Option: Consequences
Option: Influences
6. What legal status is declared by a company that is unable to pay its debts?
Option: Profitability
Option: Bankruptcy
Option: Liquidity
Option: Solvency
7. Which term is used to indicate the possession or control of something?



- Option: Partnership
- Option: Possession
- Option: Ownership
- Option: Licence

8. What word describes something accomplished successfully especially through effort or skill?

- Option: Attempt
- Option: Accident
- Option: Achievement
- Option: Failure

9. What field is primarily concerned with using technical means for problem-solving?

- Option: Technology
- Option: Art
- Option: Social Sciences
- Option: Humanities

10. Which term refers to a detailed examination or inquiry into something?

- Option: Celebration
- Option: Investigation
- Option: Resolution
- Option: Explanation

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

11. A _____ is a supplier of goods or services.
12. Computer _____ includes physical components like the monitor and keyboard.
13. The industry focused on providing medical services is known as _____.
14. The project is still _____ and has not yet been completed.
15. The legal right to possess and use property is known as _____.
16. Customer _____ is essential for a company to thrive and grow.
17. When a company declares _____ it is unable to pay its debts.
18. An unexpected power _____ disrupted the entire city.



19. If you are not satisfied with the product you may request a _____.

20. The rapid advancement of _____ has revolutionized many industries.

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

21. The forward movement towards a goal or objective is termed .
22. Limitations or control placed on certain actions or activities are .
23. Rival companies or entities that offer similar products or services are called .
24. The capacity to have an effect on the character development or behavior of someone or something is .
25. Repayment of funds especially to a dissatisfied customer is known as a .
26. The curved path followed by a celestial body or satellite around a star planet or moon is called an .
27. Assistance encouragement or backing provided to help someone or something succeed is known as .
28. Of great importance or significance especially in the success or failure of something is described as .
29. A specific task or goal assigned often within the context of an organization's objectives is a .
30. The result of successfully accomplishing a goal or task often through effort or skill is an .

Answer

Multiple Choice: 1. Accepted 2. Refund 3. Mission 4. Technology 5. Consequences 6. Bankruptcy 7. Ownership 8. Achievement 9. Technology 10. Investigation

Gap-Fill: 11. Vendor 12. Hardware 13. Healthcare 14. Ongoing 15. Ownership 16. Support 17. Bankruptcy 18. Outage 19. Refund 20. Technology

Matching sentence: 1. Progress 2. Restrictions 3. Competitors 4. Influence 5. Refund 6. Orbit 7. Support 8. Crucial 9. Mission 10. Achievement

CATEGORY

1. Business - LEVEL2

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