



November 2024 Patch Tuesday: Key Vulnerabilities Uncovered!

Description

In today's VERT Alert, we focus on Microsoft's [November 2024 Security Updates](#). VERT is diligently working to enhance its coverage for these vulnerabilities and anticipates releasing ASPL-1132 promptly upon completion.

Active Vulnerabilities and Noteworthy CVEs

[CVE-2024-43451](#): This vulnerability enables unauthorized access to NTLMv2 hashes. Alarmingly, it has been both disclosed publicly and exploited in the wild. The exploit is trivial; significant interaction is not needed, as merely right- or left-clicking a malicious file can trigger the vulnerability. Microsoft has flagged it as **Exploitation Detected**.

[CVE-2024-49039](#): This vulnerability within Windows Task Scheduler permits low-privilege users to elevate their permissions to a Medium Integrity Level, allowing potential code execution. Microsoft indicates that exploitation is currently detected.

[CVE-2024-49040](#): Found in Microsoft Exchange Server, it permits spoofing of email senders through non-compliant P2 FROM headers. After applying recent updates, users receive guidance for enhanced security against this type of fraud. Microsoft has categorized this issue as **Exploitation More Likely**.

Moreover, a recently published advisory regarding Microsoft SharePoint Server outlines a defense-in-depth approach to mitigate potential redirection threats.

Vocabulary List:

1. **Vulnerability** /ˌvʌl.nə'bɪl.ɪ.ti/ (noun): The quality or state of being exposed to the possibility of being harmed.
2. **Unauthorized** /ʌn'ɔː.θə.raɪzd/ (adjective): Not having official permission or approval.
3. **Exploitation** /ˌɛk.sploɪ'teɪ.ʃən/ (noun): The action of making use of a resource or situation for gain.
4. **Mitigate** /'mɪt.ɪ.geɪt/ (verb): To make less severe or serious.
5. **Spoofing** /'spuːfɪŋ/ (verb): The act of deceiving or tricking by impersonating someone or something.
6. **Detection** /dɪ'tɛkʃən/ (noun): The action of discovering or identifying the presence of something.

Vocabulary quizzes



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

1. What does the word "elucidate" mean?

- Option: To make clear or explain
- Option: To build a fort
- Option: To speed up
- Option: To collaborate

2. What is the meaning of "accelerated"?

- Option: To slow down
- Option: To enhance
- Option: To begin
- Option: To speed up

3. What does "exclusively" mean?

- Option: Commonly
- Option: Shared
- Option: Only
- Option: Retailed

4. What is the significance of a "milestone"?

- Option: An obstacle
- Option: A point of completion or achievement
- Option: An enhancement
- Option: A discount

5. What does "vulnerability" refer to?

- Option: Strength
- Option: Security
- Option: Weakness
- Option: Isolation

6. What is meant by "spoofing"?

- Option: Authenticating
- Option: Creating a counterfeit
- Option: Enhancing
- Option: Collaborating

7. What is the purpose of "detection"?

- Option: To cover up
- Option: To prevent
- Option: To find or discover



Option: To retail

8. What does it mean to "facilitate"?

- Option: To hinder
- Option: To make easier
- Option: To begin
- Option: To exchange

9. What is implied by "anticipated"?

- Option: Surprised
- Option: Predicted or expected
- Option: Unveiled
- Option: Curated

10. What does "subscription" refer to?

- Option: Discount
- Option: Retail
- Option: Exchange
- Option: Enrollment in a service for regular supply

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

- 11. Proper nutrition is essential to _____ the body against diseases.
- 12. The project will be _____ next week.
- 13. The athlete faced a _____ opponent in the final match.
- 14. The company plans to _____ new strategies to increase productivity.
- 15. The software update includes several _____ to improve user experience.
- 16. Successful projects often require effective _____ among team members.
- 17. The designer's limited edition collection became _____ by fashion enthusiasts.
- 18. The company plans to launch its new product line through _____ stores.
- 19. Global trade involves the _____ of goods and services between countries.
- 20. The museum director _____ a special exhibition featuring local artists.



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

21. The sports channel provided insightful on the recent match.
22. Market research offers valuable into consumer behavior.
23. The team achieved success through effective and communication.
24. To the risk of cyber attacks companies invest in robust security measures.
25. The company its latest product at the technology expo.
26. The software update introduced several user experience .
27. The new software aims to seamless communication among team members.
28. Many movie fans the release of the highly-anticipated sequel.
29. Individuals with contagious diseases may require to prevent spread.
30. Customers can enjoy a special on selected items during the promotion.

Answer

Multiple Choice: 1. To make clear or explain 2. To speed up 3. Only 4. A point of completion or achievement 5. Weakness 6. Creating a counterfeit 7. To find or discover 8. To make easier 9. Predicted or expected 10. Enrollment in a service for regular supply

Gap-Fill: 11. fortify 12. commencing 13. formidable 14. implement 15. enhancements 16. collaboration 17. sought-after 18. retail 19. exchange 20. curated

Matching sentence: 1. commentary 2. insights 3. collaboration 4. mitigate 5. unveiled 6. enhancements 7. facilitate 8. anticipated 9. isolation 10. discount

CATEGORY

- 1. Sci/Tech - LEVEL4

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