# Operating System Patch Management RMF Compliance

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## System Overview

Date: 05-14-2025

Time: 00:00:19

Operating System: Microsoft Windows 11 Education

OS Version: 10.0.22000

Computer Name: DESKTOP-7MALLL2

IP Address: IPv4 Address. . . . . : 172.24.24.131

## Patch Status Summary

The following updates are currently pending on the system:

* Microsoft .NET Framework 4.8.1 for Windows 11 for x64 (KB5011048) - Size: 68MB

* 2024-10 Cumulative Update for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 11 for x64 (KB5044092) - Size: 72MB

* Update for Windows Security platform - KB5007651 (Version 10.0.27777.1008) - Size: 18MB

* Windows Malicious Software Removal Tool x64 - v5.133 (KB890830) - Size: 79MB

* 2023-10 Update for Windows 11 for x64-based Systems (KB4023057) - Size: 3MB

* 2024-10 Cumulative Update for Windows 11 for x64-based Systems (KB5044280) - Size: 122GB

These updates are related to security, and their relevance is based on the provided CVE information.

## Compliance with RMF Controls

The system is currently not in compliance with the recommended RMF controls due to the pending security updates. It is essential to address these updates promptly to ensure the system's security posture is improved.

Recommendation:

- Identify and report the pending updates, and schedule their deployment as soon as possible.
- Ensure proper configuration management and vulnerability checks are in place to mitigate potential risks.

## Recommended next steps

1. Review and assess the pending updates, including their relevance and impact on the system's security posture.
2. Schedule patch deployments for the identified updates.
3. Update documentation to reflect the changes made during the patching process.

## Risk Assessment

The pending updates introduce a moderate risk to the system's security posture. The potential risks associated with these updates are related to the CVE information provided, which highlights vulnerabilities in various Microsoft products and services.

Impact Level:

Moderate risk, potentially leading to security breaches or system compromise if not addressed promptly.

Mitigation Plan:

Scheduling timely deployments of the pending updates will mitigate this risk. Additionally, ensuring proper configuration management and vulnerability checks will further enhance the system's security posture.

Please review and assess the pending updates as soon as possible to ensure the system's compliance with recommended RMF controls.