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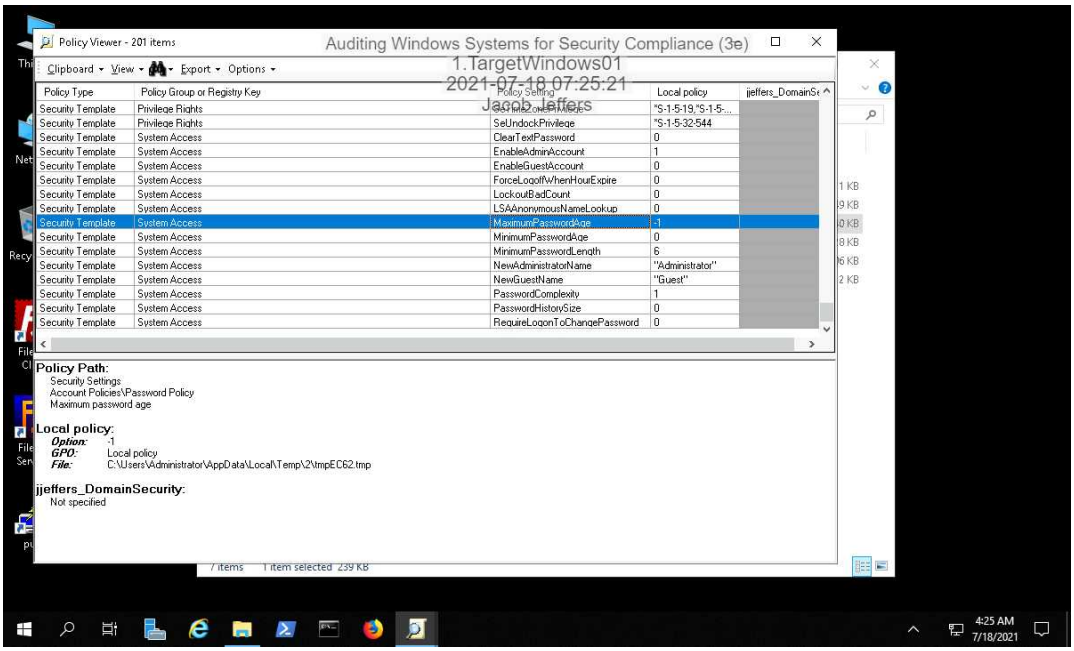
Time on Task:	Progress:
5 hours, 20 minutes	100%

Report Generated: Sunday, July 18, 2021 at 8:29 AM

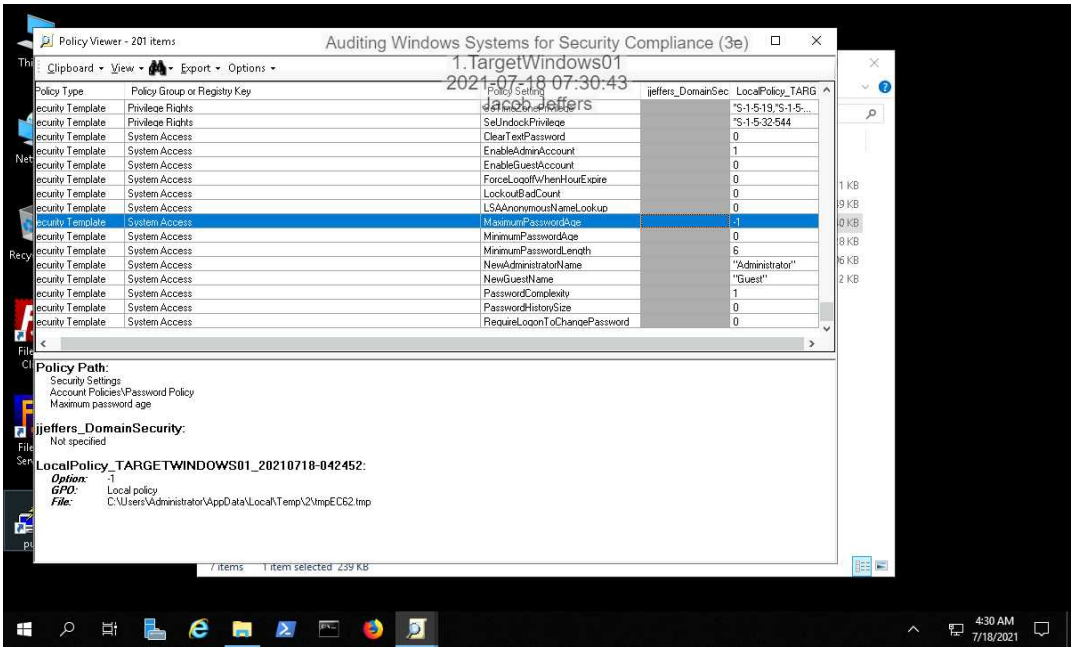
Section 1: Hands-On Demonstration

Part 1: Audit a Windows System using Policy Analyzer

16. **Make a screen capture** showing the **current MaximumPasswordAge setting in the Policy Viewer**.

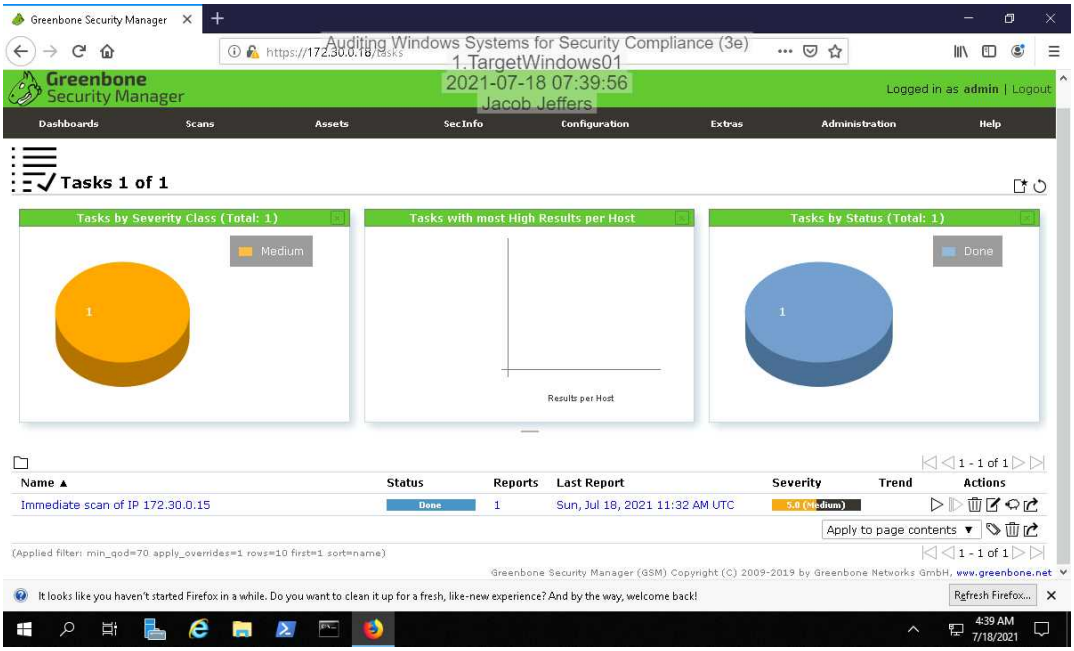


35. **Make a screen capture** showing the **updated MaximumPasswordAge setting in the Policy Viewer**.

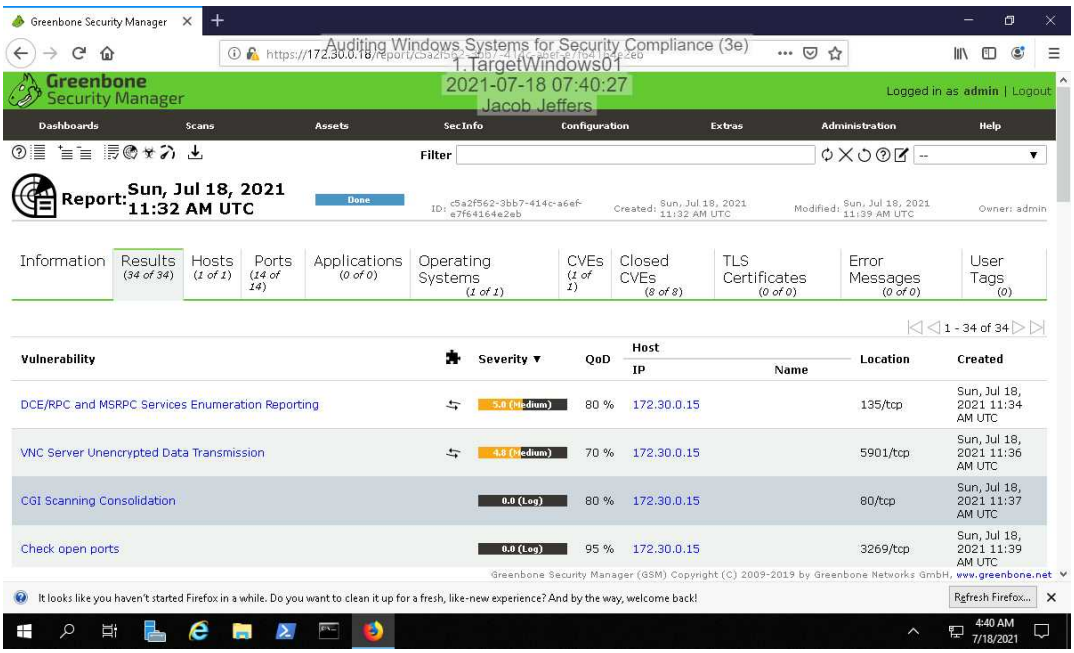


Part 2: Audit a Windows System using OpenVAS

8. **Make a screen capture** showing the **completed scan of TargetWindows01**.



11. **Make a screen capture** showing the **vulnerabilities from the completed scan of TargetWindows01**.



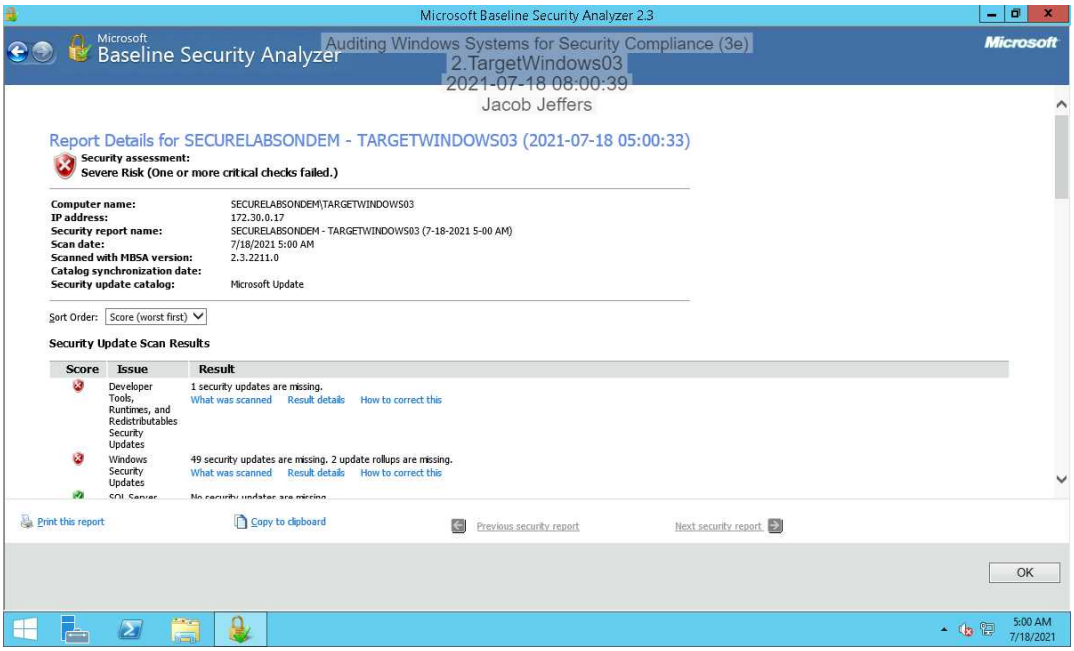
13. **Describe** remediation steps for the vulnerability you selected.

The vulnerability allows the attackers to gain more knowledge about the remote host. The best mitigation strategy is to filter incoming traffic to the affected ports.

Section 2: Applied Learning

Part 1: Audit a Windows System using MBSA

11. **Make a screen capture** showing the **MBSA scan results**.

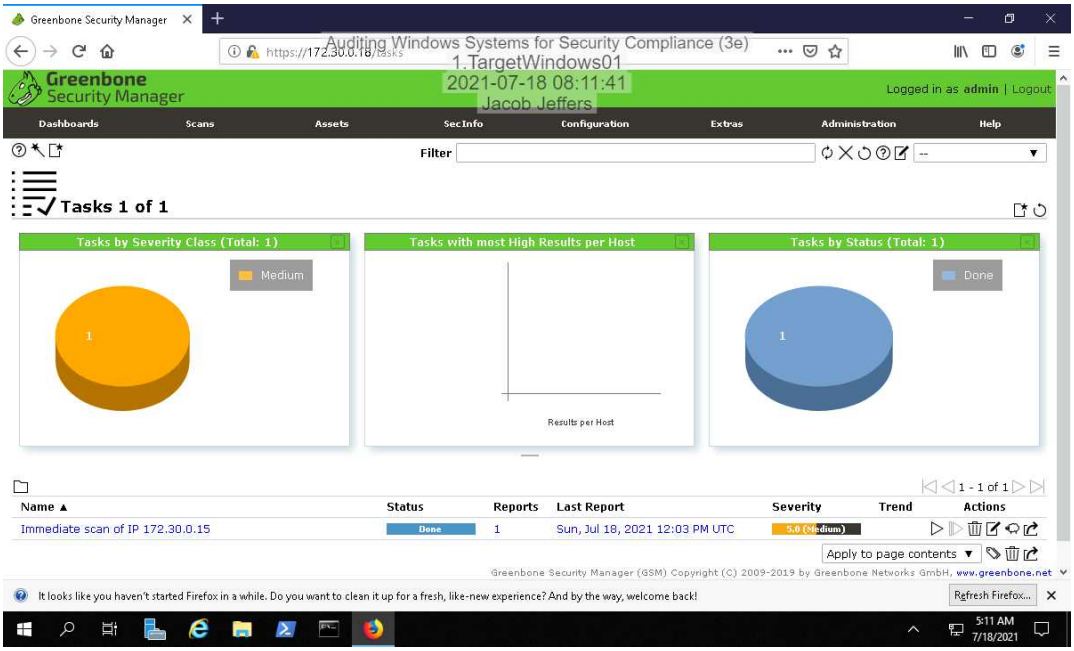


16. **Describe** the security issue for this missing update.

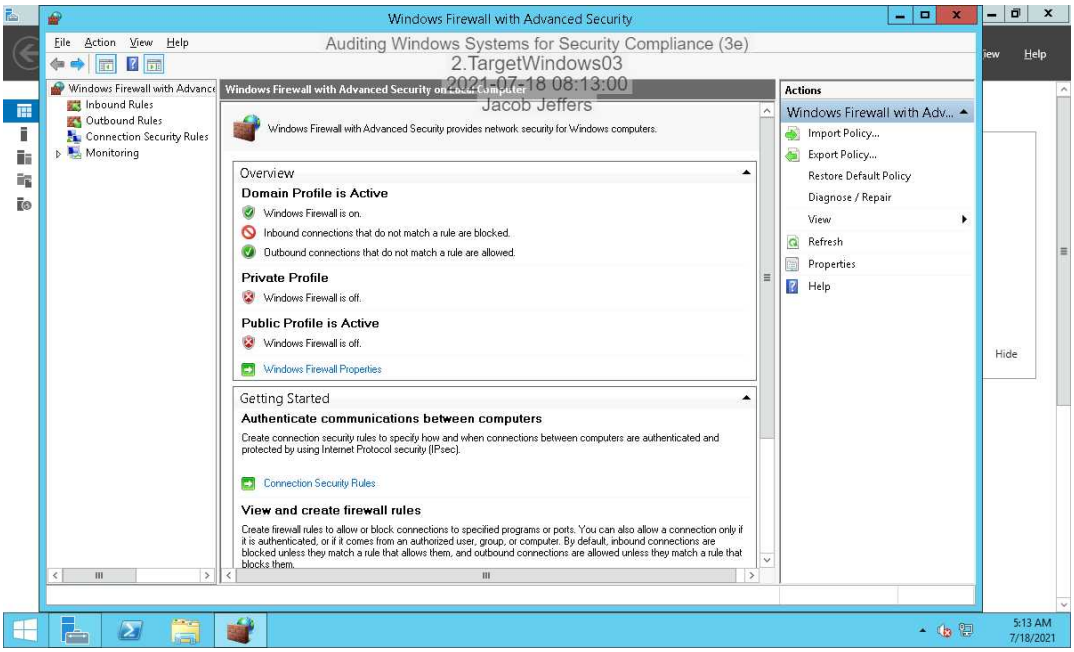
On the Windows Update security update, the security with this issue is that the server does not have all required updates.

Part 2: Audit a Windows System using OpenVAS

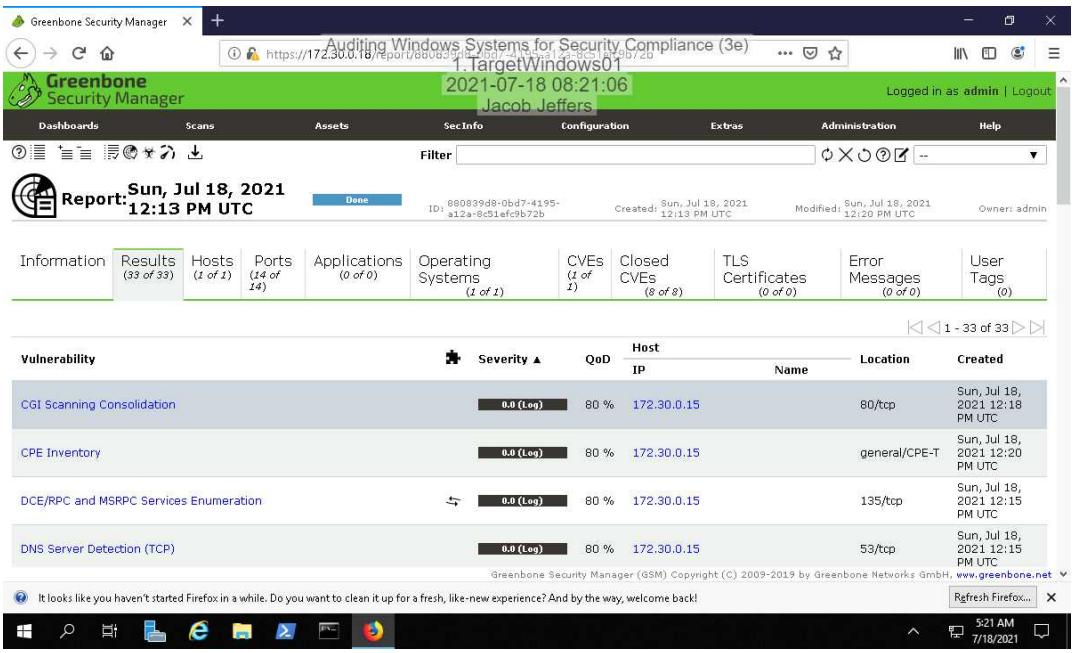
7. **Make a screen capture** showing the **vulnerabilities from the completed scan of TargetWindows03**.



17. **Make a screen capture** showing the **active Windows Firewall**.



21. **Make a screen capture** showing the **vulnerabilities from the latest completed scan of TargetWindows03 (without the DCE/RPC vulnerability listed)**.



Section 3: Challenge and Analysis

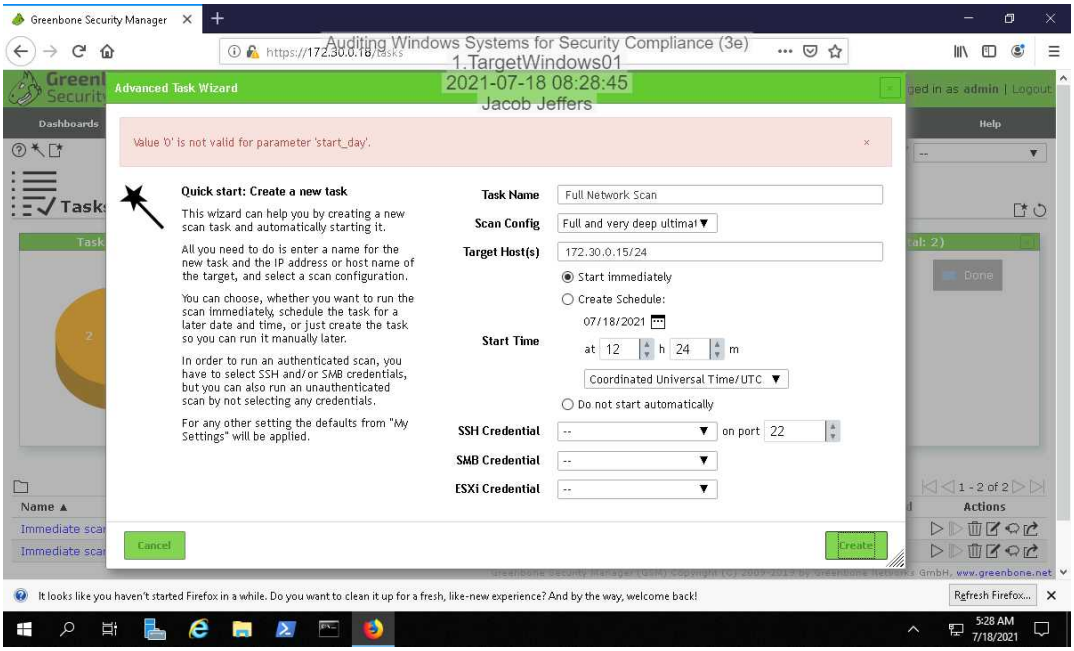
Part 1: Analysis and Discussion

In what context would you consider using the Microsoft Baseline Security Analyzer to conduct a security audit? Is it worth using MBSA at all, or are there similar, more effective tools that could be used in the same context? Use the Internet to research MBSA and alternative tools.

MBSA is a Microsoft-developed tool that performs a security audit of a Windows target and makes recommendations based on Microsoft's definitions. MBSA is a good tool to use in a tool box. An organization should never rely on a single product to audit their security. Utilizing many software would be the best option for performing a security audit.

Part 2: Tools and Commands

Make a screen capture showing the **subnet scan results in the GSM**.



Part 3: Challenge Exercise

Make a screen capture showing the **update confirmation on TargetWindows03**.