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CYB 400 – 5-2 Project Two Milestone: Presentation Planning

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Introduction

You are developing a presentation for the board of directors of your company, Grey Matter, on the security aspects of the recent acquisition of a competitor company, BrainMeld. Your task is to turn your analysis from Project One into a presentation for this audience.

Presentation Planning

My approach to presenting the findings from Project One will be to keep things simple and clear for the board of directors. Instead of overwhelming them with every single technical detail from the scan, I'll frame the vulnerabilities around what matters most: **the timeline for fixing them** and the **business risks they represent**. So, I'll organize everything by what can be addressed in a week, a month, or two months, and tie it back to how it impacts the company, whether that's lost revenue, compliance fines, or a hit to customer trust.

When I communicate my technical findings to a less technical audience, like the board directors, my strategy is to focus on the impact rather than on complex technical issues. Meaning that I won't overwhelm the board with terms like "SSL/TLS: Report Weak Cipher Suites" or "NVT: Microsoft SQL Server Multiple Vulnerabilities (3065718) – Remote" Instead, I will explain to the best of my knowledge of what the issue means for the organization in an easy and understandable language, like customer data being exposed, systems/network being shut down, or compliance fines. I'll break these risks down using everyday examples that people can easily understand, like comparing a **brute-force login attempt** to a thief trying every house key he

stole to break into a house until one works, or describing an **unencrypted transmission** is like leaving your important documents at a coffee shop, and anyone who sees it can pick it up and read your documents. In essence, I will categorize the vulnerabilities based on whether they can be resolved within a week, a month, or two months, allowing them to have a clear plan and prioritize without needing to delve into the technical specifics. By converting the findings into a business language perspective, employing straightforward analogies, and concentrating on actionable steps, the board can leave with a clear understanding of both the urgency of the issues and the strategy to address them as soon as possible.

Visual Aid Brainstorming

As for the visual aid, I will make my vulnerabilities easy to understand for the board directors without confusing them in technical terms. My whole plan and goal are to create a simple timeline chart divided into three columns: One Week, One Month, and Two Months. Under each column, there will be a list of my vulnerabilities categorized. To make it more appealing and memorable, I would add icons. For example, In under a week, I would focus on the end-of-life and privilege escalation issues associated with Microsoft SQL Server, using a server icon for representation. I would also highlight the HTTP.sys remote code execution vulnerability, depicted with a web icon, as it influences our servers' traffic handling. Within a month, I would demonstrate SMB brute-force logins using default credentials, highlighting the password risk with a key icon. Lastly, within two months, I will address SSL/TLS weak cipher suites and certificates signed with weak algorithms, denoted by a lock icon, along with cleartext HTTP transmissions, which can be identified by an open envelope icon to signify data exposure.

The visual aid will help get my message across by making complex information instantly clear. Instead of the board directors needing to recall any technical terms, they'll see a roadmap that shows what needs attention now and what's planned for later. The icons make risks easier to remember. For example, the lock for encryption issues or an open envelope for clear text transmissions provides visual reminders without explanation. This visual creates urgency by highlighting critical vulnerabilities in the "one week" column, while also indicating that other issues are planned. It demonstrates that we have a structured plan, not just problems. The board directors will remember the priorities and action steps, not just the technical details.