

## Gathering Information – Research Question

*This assignment invites you to explore the creative challenges that real-world applications of cybersecurity tools can address. Respond to the following research question, providing a thoughtful examination of the innovative problems that these tools can help solve.*

### Instructions

**Answer the Question:** Provide a clear and concise response to the research question. Consider the different challenges that these tools could help solve. Explore innovative problems or scenarios where the application of cybersecurity tools can bring about novel solutions or address unique challenges.

**Basis of Decision:** Discuss the decision-making process involved in identifying these creative challenges. Consider factors such as the complexity of the problem, potential impact, and the role that cybersecurity tools play in offering inventive solutions. Reflect on the criteria that influence the selection of these challenges.

**Consider Alternatives:** Acknowledge alternative viewpoints on the identification of creative challenges in real-world applications of cybersecurity tools. Discuss why certain challenges may or may not be compelling, demonstrating a nuanced understanding of the complexities involved in addressing innovative problems.

**Real-World Relevance:** Relate your responses to real-world implications. Consider practical scenarios where the application of cybersecurity tools has the potential to drive creative solutions. Discuss how your insights contribute to addressing real-world challenges in the field.

### Scope

1. What are some creative challenges that real-world applications of the tools discussed in the lecture could help solve?