# Network Threats Analysis Worksheet

## Instructions

Complete all sections of this worksheet thoughtfully and thoroughly. Use your own words and provide specific examples where appropriate. Each response should demonstrate your understanding of the key concepts from the assigned reading. Citations should be completing in APA format.

### Section 1: Chapter Summaries (10 points)

#### 1.1 Network Threats (Chapter 2) Summary

**Instructions:** Summarize Chapter 2 in your own words. Your summary should cover the main themes, key concepts, and important points discussed in the chapter. Do not copy directly from the text.

**Response:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

#### 1.2 Mitigating Threats (Chapter 3) Summary

**Instructions:** Summarize Chapter 3 in your own words. Your summary should cover the main themes, key concepts, and important points discussed in the chapter. Do not copy directly from the text.

**Response:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### Section 2: Learning Reflection (10 points)

#### 2.1 Key Learning

**Instructions:** Discuss something significant you learned from reading Chapters 2 and 3. This could be a concept that was new to you, something that changed your perspective, or information that connected to your personal or professional experience. Provide a thoughtful analysis.

**Response:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### Section 3: Threat Analysis (25 points)

#### 3.1 Selected Threats/Attacks

**Instructions:** From the threats and attacks discussed in Chapter 2, select THREE (3) that you find most relevant or concerning. For each threat/attack, provide a detailed explanation of how it works.

**#1:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**#2:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**#3:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### Section 4: Mitigation Strategies (25 points)

#### 4.1 Defense Techniques

**Instructions:** For each of the three threats/attacks you selected above, discuss specific techniques that can be used to mitigate or defend against them. Consider both technical solutions and policy/procedural approaches.

**#1:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**#2:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**#3:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### Section 5: Critical Thinking (30 points)

#### 5.1 Real-World Application

**Instructions:** Choose one of the threats you discussed and research a recent real-world example of this type of attack. Briefly describe the incident and analyze whether the mitigation strategies you suggested could have prevented or reduced the impact of the attack.

**Response:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**References**