# AAA 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 (30 points)

#### 1.1 Assigning Administrative Roles (Chapter 5) Summary

**Instructions:** Summarize Chapter 5 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 Device Monitoring and Management (Chapter 6) Summary

**Instructions:** Summarize Chapter 6 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:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

#### 1.3 Authentication, Authorization, and Accounting (Chapter 7) Summary

**Instructions:** Summarize Chapter 7 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 5, 6, and 7. 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: AAA in Practice (30 points)

#### 3.1 Applying Authentication, Authorization, and Accounting

*Instructions:* Select THREE (3) different ways that AAA can be applied in a network environment (for example: multi-factor authentication, role-based access control, centralized logging/accounting). For each one, provide a detailed explanation of how it works and why it is important for maintaining secure and accountable access to systems and data.

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

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

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

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

#### 5.1 Real-World Application

*Instructions:* Choose one of the AAA methods you discussed above and research a real-world example where failure to use it properly led to problems (such as a breach or misuse of access). Briefly describe the incident and analyze how AAA practices influenced the outcome.

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

**References**