

# Lab Assignment



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Cybersecurity Professional Program  
Introductory Course

## Introduction to Cybersecurity

**IC-01-LS1**

**Basic DiD Planning**

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## Lab Objective

Become familiar with the DiD structure and its related technologies.

## Lab Mission

Identify suitable security control solutions for a provided company infrastructure.

## Lab Duration

15–25 minutes

## Requirements

- Basic understanding of Defense in Depth (DiD)

## Resources

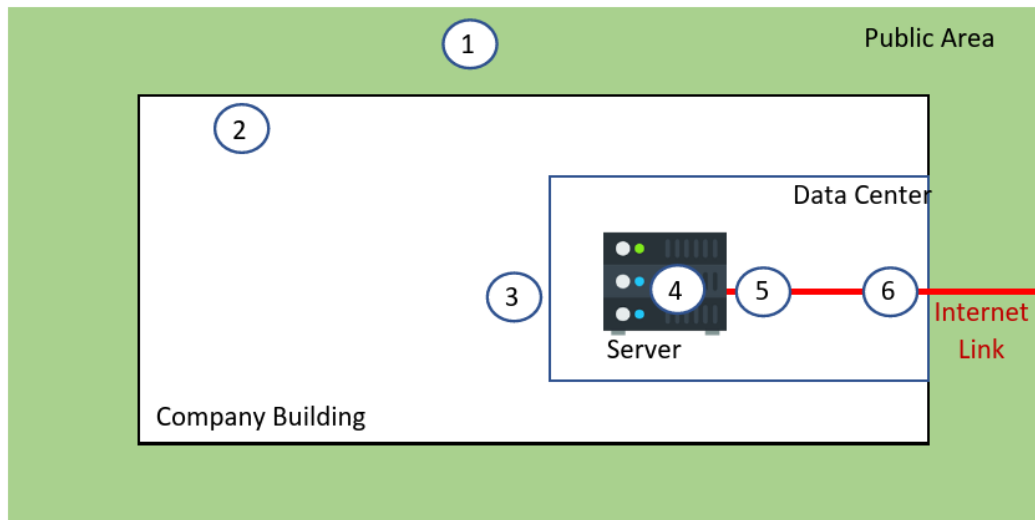
- Environment & Tools
  - Text editor

## Textbook References

- Chapter 1: Introduction to Cybersecurity
  - Section 7: Cybersecurity Defense Techniques

## Lab Task: Defense in Depth Planning

The figure below represents a company's infrastructure.



- 1 Match each security control option below with its suitable numbered position in the structure above:
  - A. Firewall
  - B. Fence
  - C. Authentication
  - D. Door
  - E. CCTV
  - F. Intrusion prevention System (IPS)
- 2 Provide a basic explanation of the Defense in Depth concept.
- 3 Why is it important to have multiple layers of defense?

#### 4 Translate the castle's defense mechanisms to cybersecurity-related defenses.

