Cybersecurity

Activity File

Module 9 Day 1

Activity File: Routing Schemes and Protocols

In this activity, you will continue to play the role of a security analyst at Acme Corp.
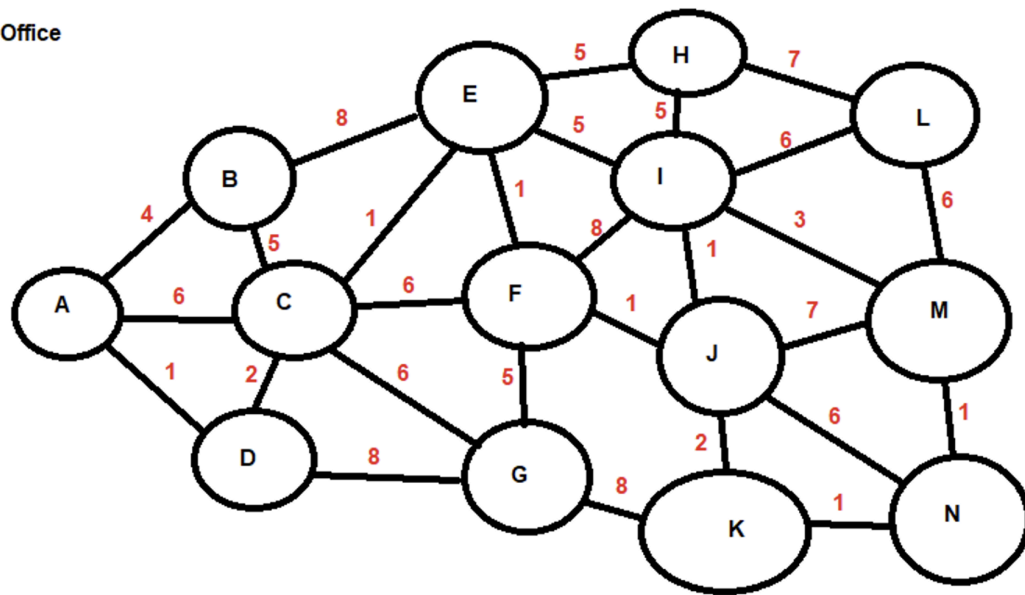
- Acme Corp has several offices and needs to determine the shortest path between servers to create a static route.
- Your task is to analyze the network diagram and provide the shortest path between the servers.

Instructions
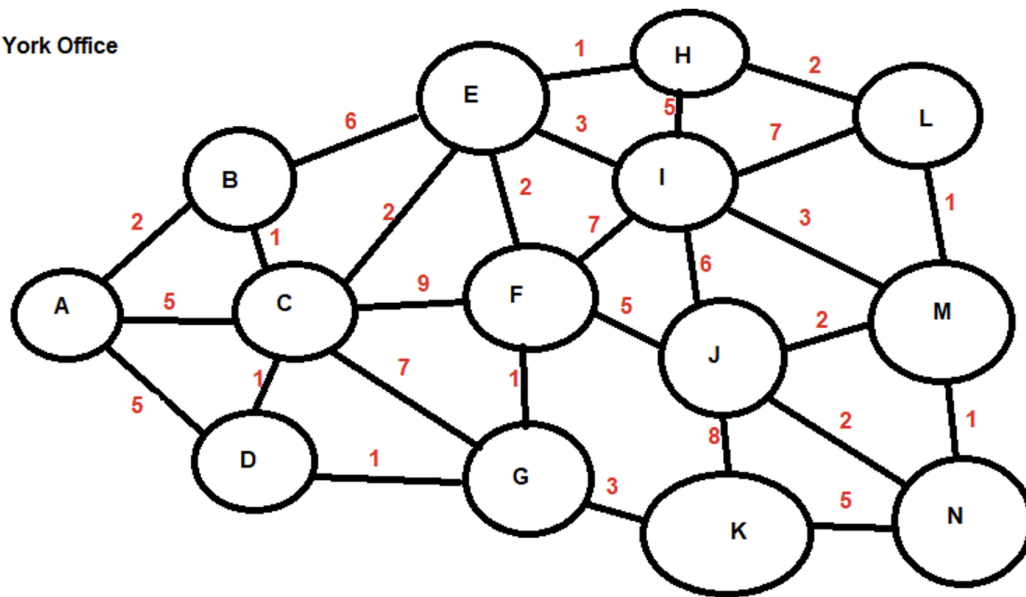
Open the network diagrams provided.

1. For each network diagram, provide the shortest path between the following servers:
   - A to C
   - A to I
   - A to K
   - A to M
   - E to N
- Note: In the diagram, the number between devices is the time it takes the data to travel from one device to the next.

Miami Office

- A to C - A>D>C
- A to I - A>D>C>E>F>J>I
- A to K - A>D>C>E>F>J>K
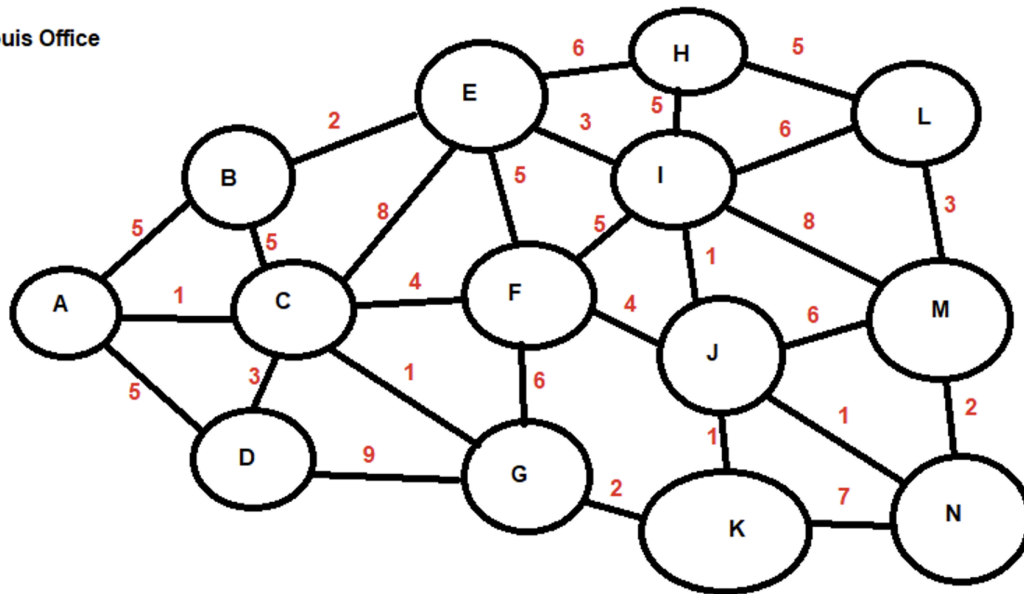- A to M - A>D>C>E>F>J>K>N>M
- E to N - E>F>J>K>N

New York Office

- ○ A to C - A>B>C
- ○ A to I - A>B>C>E>I
- ○ A to K - A>B>C>D>G>K
- ○ A to M - A>B>C>E>H>L>M
- ○ E to N - E>H>L>M>N

St Louis Office

- A to C - A>C
- A to I - A>C>G>K>J>I
- A to K - A>C>G>K
- A to M - A>C>G>K>J>N>M
- E to N - E>I>J>N