Deployment of Multi-layer Switches in LANs

Exercises

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Legenda and Conventions

- **Device identifier**: Port number 1 is highlighted.
- **Switch**
- **Link**
- **Hub**
- **Server**
- **Router**
- **Station**

Other ports are sequentially numbered clockwise. E.g., this is port 2.
How are Multi-layer switches to be configured in order to implement the network shown in the figure?
How can layer 3 switches (or multi-layer switches) be deployed to improve the performance of the following network?

Outline the most important parameters (protocols, priorities, etc.) to be configured on the various devices.
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