

## Exercises for session 1 of Network II

### Groupwork:

1. List the PPDIIO phases in order, include for each a brief outline of their characteristics and discuss the benefits of the network Life Cycle Phases
2. Which business forces affect decisions for the enterprise network?
3. A credit card company network is being designed. Secure transactions are emphasized throughout the initial requirements. Redundant links are required to reduce network outages. What is the order of importance of the following design issues? Explain why.
  - a. IP addressing design
  - b. Physical topology design
  - c. Network modules
  - d. Security design
4. Describe the three types of Network Architectures and briefly outline their contents/building blocks
5. Which Technology-related forces affect decisions for the enterprise network?
6. Describe the benefits of a Cisco Network Architecture

Individual

[https://docs.google.com/forms/d/13sxEjNqpN63TL0DAoiTCvbOrDw5k\\_9AxWALj6AwPzvs/edit?uiv=1](https://docs.google.com/forms/d/13sxEjNqpN63TL0DAoiTCvbOrDw5k_9AxWALj6AwPzvs/edit?uiv=1)