Computer Networks - Basic Characteristics

Basic Characteristics:

1. **Fault Tolerance:**
   1. The ability to:
      1. Continue working despite failures
      2. Ensure no loss of service
2. **Scalability**
   1. The ability to:
      1. Grow based on the needs
      2. Have good performance after growth
3. **Quality of Service(QoS)**
   1. The ability to:
      1. Set priorities
      2. Manage data traffic to reduce data loss, delay, etc.
4. **Security:**
   1. The ability to prevent:
      1. Unauthorized access
      2. Misuse
      3. Forgery
   2. The ability to provide:
      1. Confidentiality
      2. Integrity
      3. Availability