Security in the Cloud

- What questions would you ask a service provider about security?

- **Gartner report:**
  - Privileged user access
  - Regulatory compliance
  - Data location
  - Segregation, isolation (multi-tenancy)
  - Recovery
  - Investigative support
  - Long-term viability

- Security advantages?

- Fault tolerance, reliability
- Dedicated IT, security staff
- Rapid response to security threats
- Possibly: simplified compliance

**Security Model:**
- Identify assets
  - Issues: confidentiality, integrity, availability
- Identify threats
- Determine and deploy countermeasures