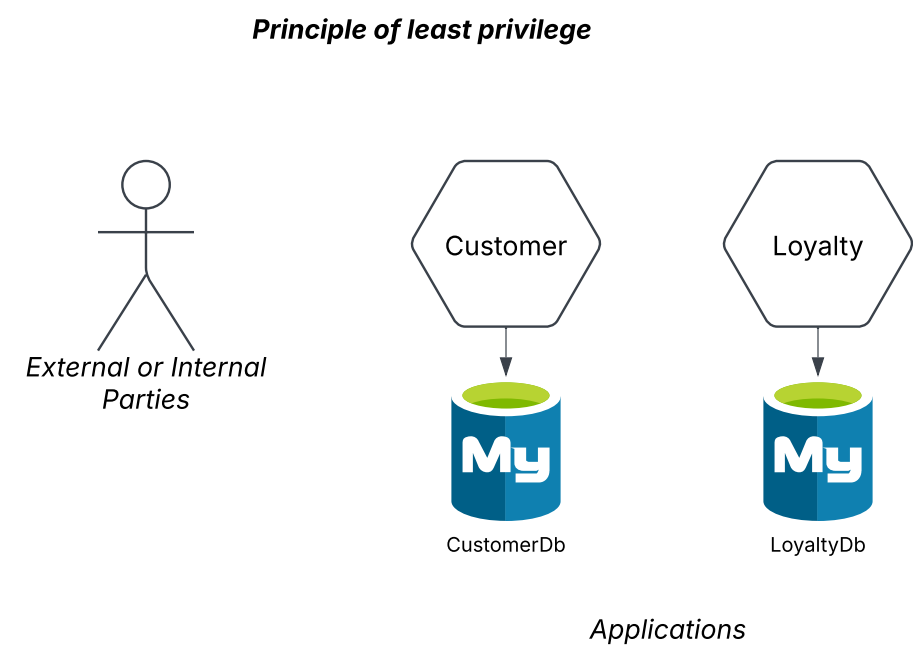


zero day exploit

- Core principles**
- Five functions of cybersecurity - identify, protect, detect, respond, recover.
  - Foundations of application security - credentials, secrets, patching, backups, and rebuild.
  - Implicit trust vs. zero trust - how each of these forms of trust dictate our implementation of microservices and security related activities.
  - Securing data - protecting data over networks or on disk
  - Authentication & Authorization - (SSO) single sign on.



- Types of Security Controls
- Preventative
  - Detective
  - Responsive
- gocladdy.com
- Mentality of thinking of security, testing, usability, operations as an afterthought - "do you want fries with that".
- Zed attack proxy (ZED) - simulate attacks cross site scripting.
- Static code analysis