

## 2 Basic Switch and End Device Configuration

- OS: CLI, GUI, Shell, Kernel, Hardware
- Access Methods
  - Console
  - SSH
  - Telnet
- Terminal Emulation Programs: PuTTY, Tera Term, SecureCRT
- IOS Navigation: [kohnlehome.de/netz/cisco-ios-modi.pdf](http://kohnlehome.de/netz/cisco-ios-modi.pdf)
- Basic IOS Command Structure
  - Prompt, Command, Space, Keyword(s) or Argument(s)
- Basic Device Configuration
  - Hostname
  - Passwords
    - \* Console
    - \* enable secret
    - \* vty
    - \* service password-encryption
  - show running-config
  - banner motd
  - reload
  - erase startup-config
  - copy run start
- Windows: IP, SM, GW, DNS-Server, IPv6 konfigurieren
- Windows: ipconfig
- SVI (Switch virtual interface): IP, SM, GW
- Switch / Router: show ip interface brief
- ping