

## Lab - Network filter

Write a network filter for IPv4 – drop all packets to IP 192.168.0.2

- Declare a global `nf_hook_ops`
- Use `nf_register_hook`, `nf_unregister_hook` and write the hook main function
- In the hook function use `ip_hdr` to access the IP header and check the source address using `in_aton`
- Configure the kernel to support network filters
- Load the module and check using ping