

### Agenda (1)



- Who am I?
- Personal Workspace
- **3** Online Meetings
- 4 Home Network

### Agenda (2)



- 5 Monitoring
- 6 Access to company network
- 7 Social interaction
- 8 Conclusion

#### Who am I?



- > Martin Maurer
- > working with Linux since 1997
- > work as a Web Operation Engineer
- > m.maurer@netconomy.net
- > Twitter: @querendus



## Personal Workspace





#### Personal Workspace



- > Desk
- > Chair
- > Monitor
- > Keyboard
- > Mouse
- > Network connection
- > Camera
- > Microfon

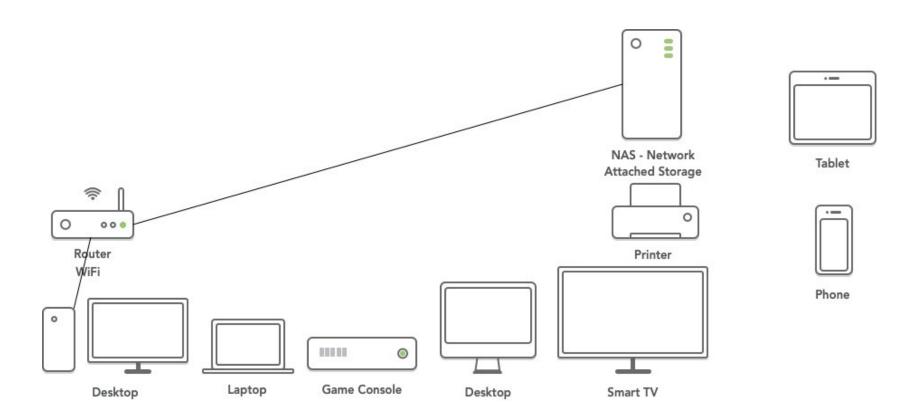
#### Online Meetings



- > Use a camera in front of you
- > Use a microfon
- > Use headphones or speaker of your laptop
- > Use in smaller groups your camera
- > Mute your microfone in settings before you join a meeting
- > switch of your camera in settings before you join a meeting
- > Choose your background

#### Home Network





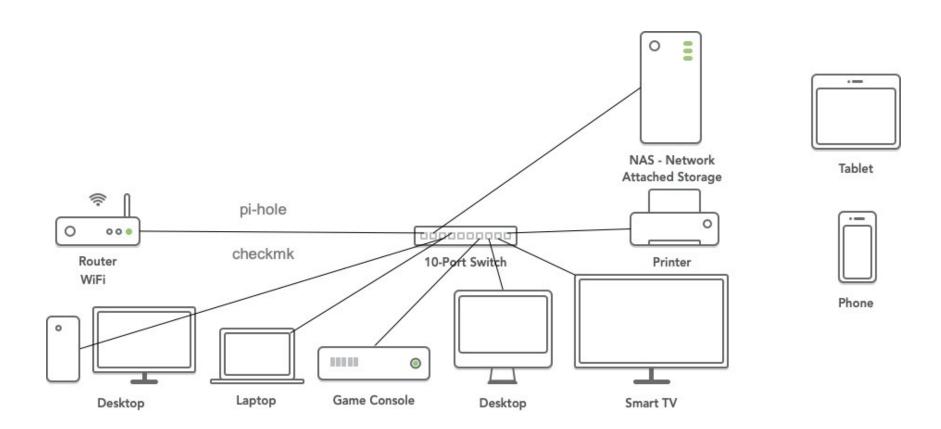
#### Home Network



- > Connect via LAN if possible
- > Use DHCP and if you needed fixed IP addresses set it with DHCP
- > Use WLAN 2,4 GHz & 5 GHz
- > Use WLAN Guest
- > If you have setup Home automation, think about using a own vLAN for that
- > If you have a Smart TV, think about not connecting it to the internet (privacy)
- > Use extra vLAN for your office network (network seperation)

#### Home Network





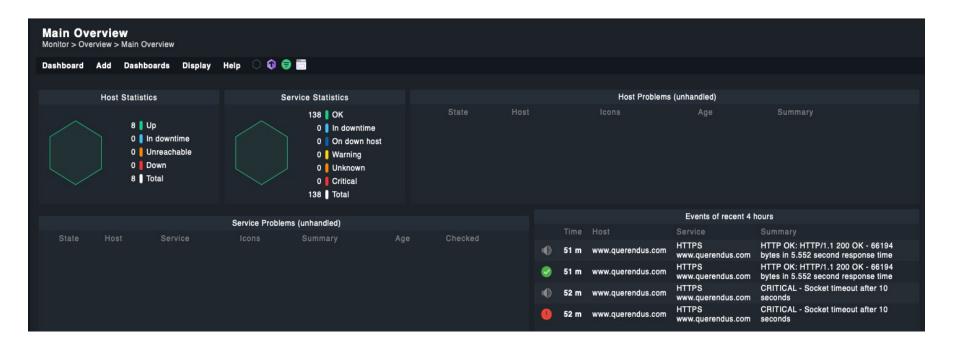


- > Update your devices
  - Router
  - Managed switch
  - AP/...
  - Smart Home Devices
- > Use Adblocker like pihole / unbound (dns)
- > Use non filtering DNS Server (<a href="https://cuii.info/ueber-uns/">https://cuii.info/ueber-uns/</a>)
- > Monitoring Home Servers (checkmk)

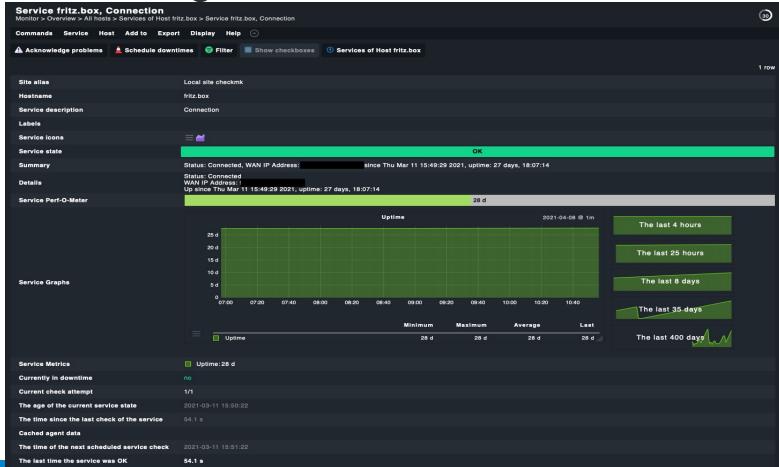




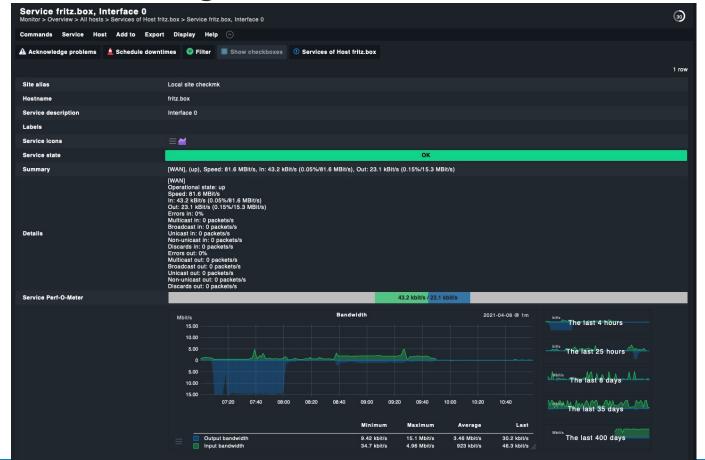




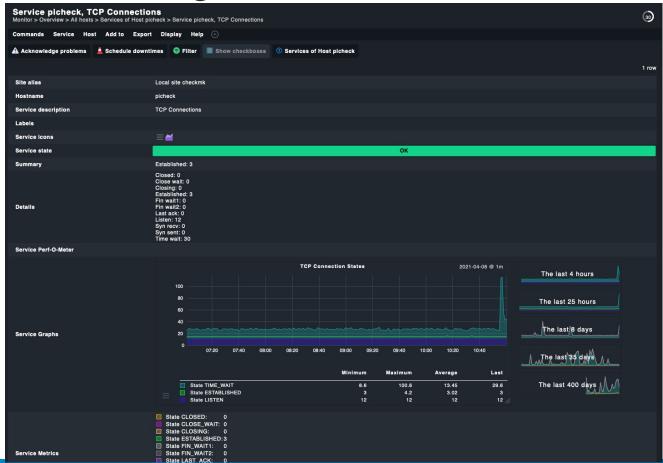




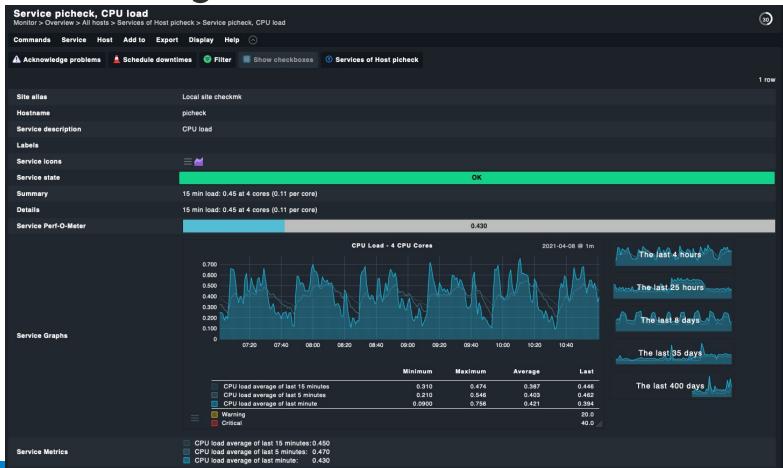












#### Access to company network



- > Use web access settings with authentification general webservices
  - time bookings
  - wiki pages
  - ticket systems
  - git server
- > Use 2FA
- > Use of Passwordmanager (bitwarden, keepass, ....)
- > For working with files, use automatic syncing tools (like synthing, nextcloud, ....)
  - P2P synthing
  - centralized syncing

#### Access to company network



- > Use collaboration tools
- > Chat tools (mattermost, slack, teams,...)
- > Be aware of Pishing / Scams
  - clear and simple procedures
  - blameless culture (ask if you are not sure)
- > LDAP based access for projects
  - Only people working with this projects have access
  - additional passwords / secrets for projects
  - VPNs seperated from general company access

#### **Social Interaction**



- > Social interaction with collegues
  - video coffee time
  - online games
- > sport
- > daily routine
- > take time for yourself

#### Conclusion



- > Working from home is not impossible
- > Be aware that you need social interaction (and your kids)
- > Home Office has to be organized and prepared
- > Home Office is based on trust
- > It needs rules
- > Gives employees more responsibility



# Questions?

Thank you for your attention!

# **NETCONOMY**