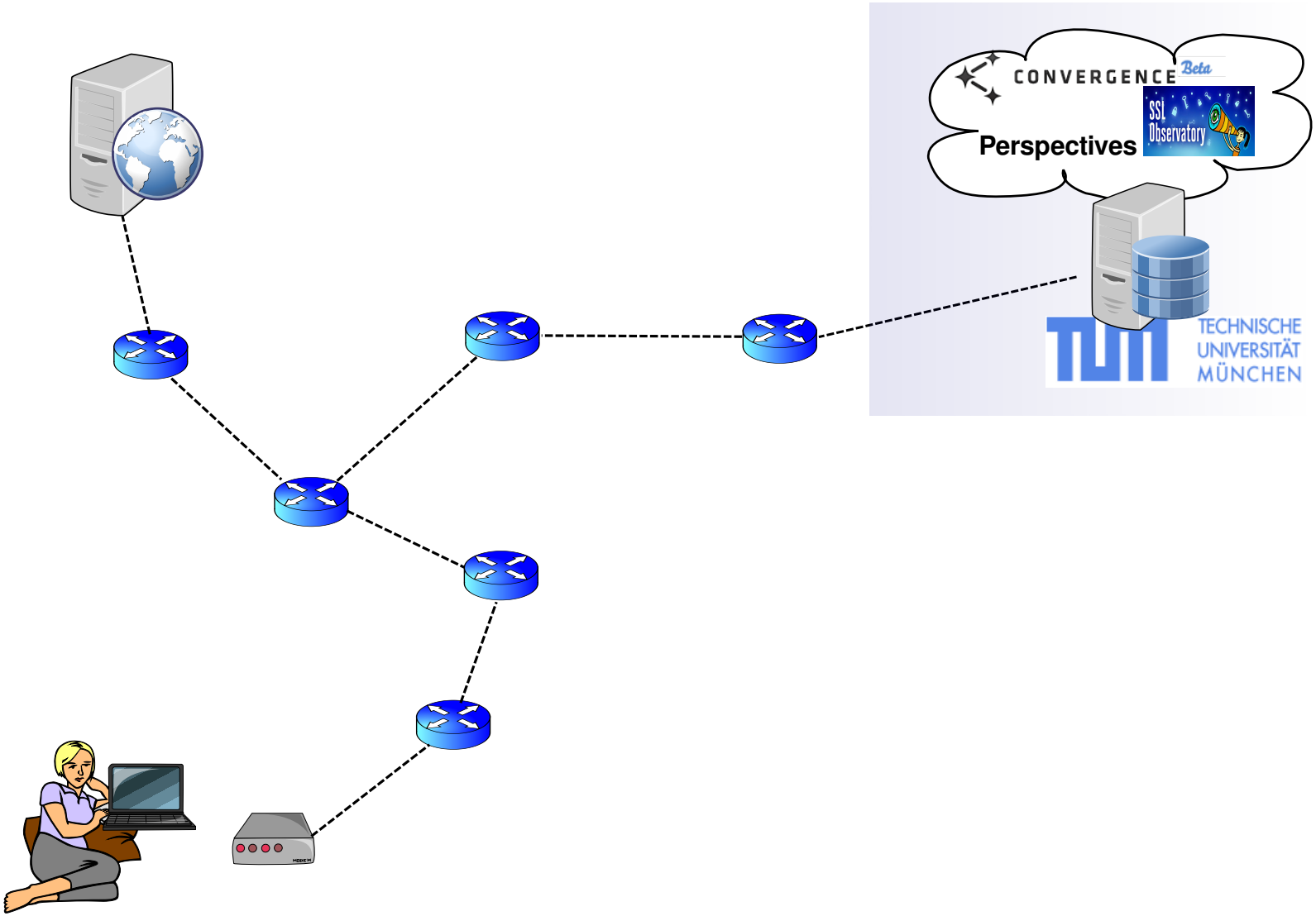
Introducing Crossbear: Hunting the Men-in-the-middle

Ralph Holz, Thomas Riedmaier

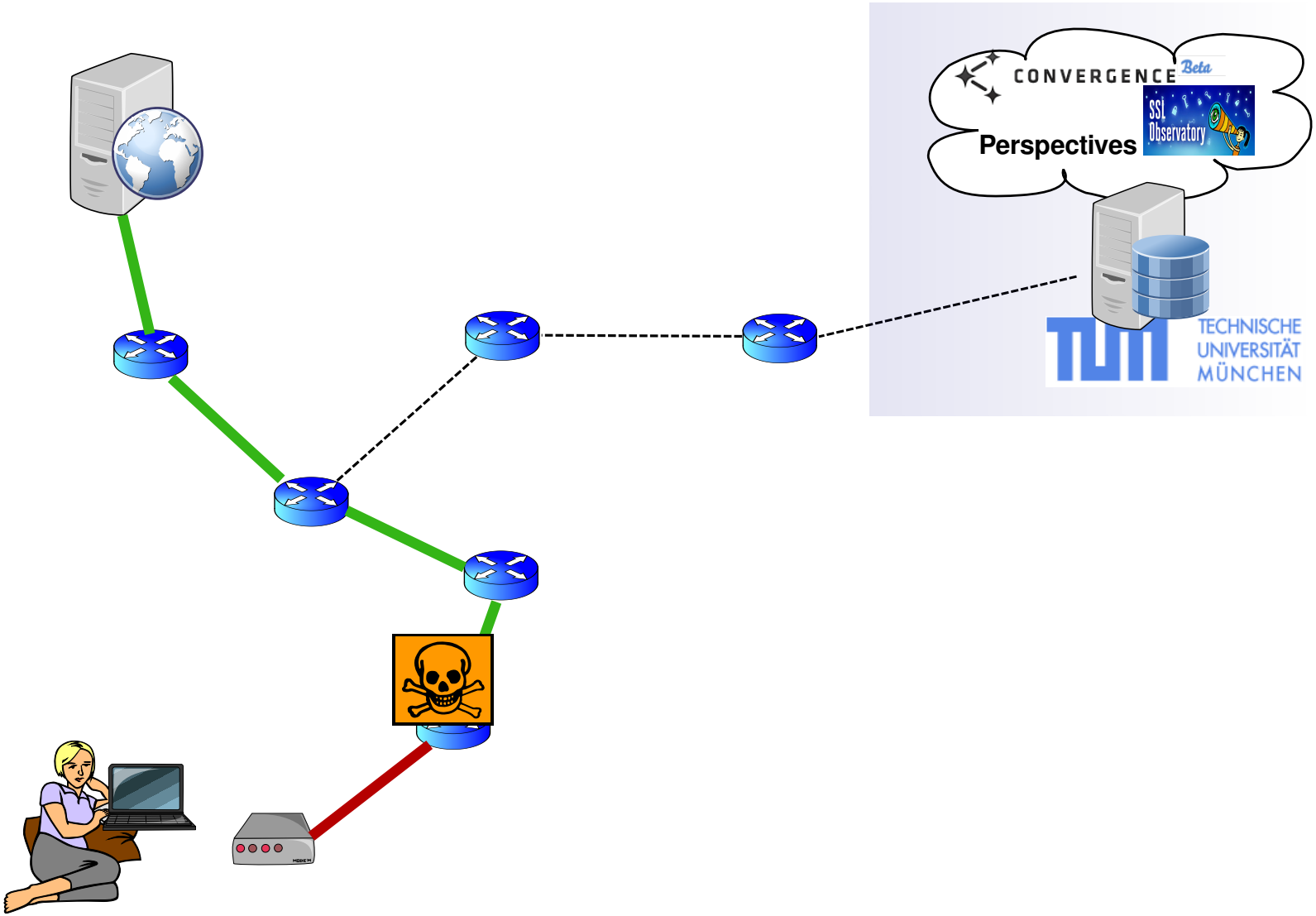
Network Architectures and Services
Technische Universität München

28C3

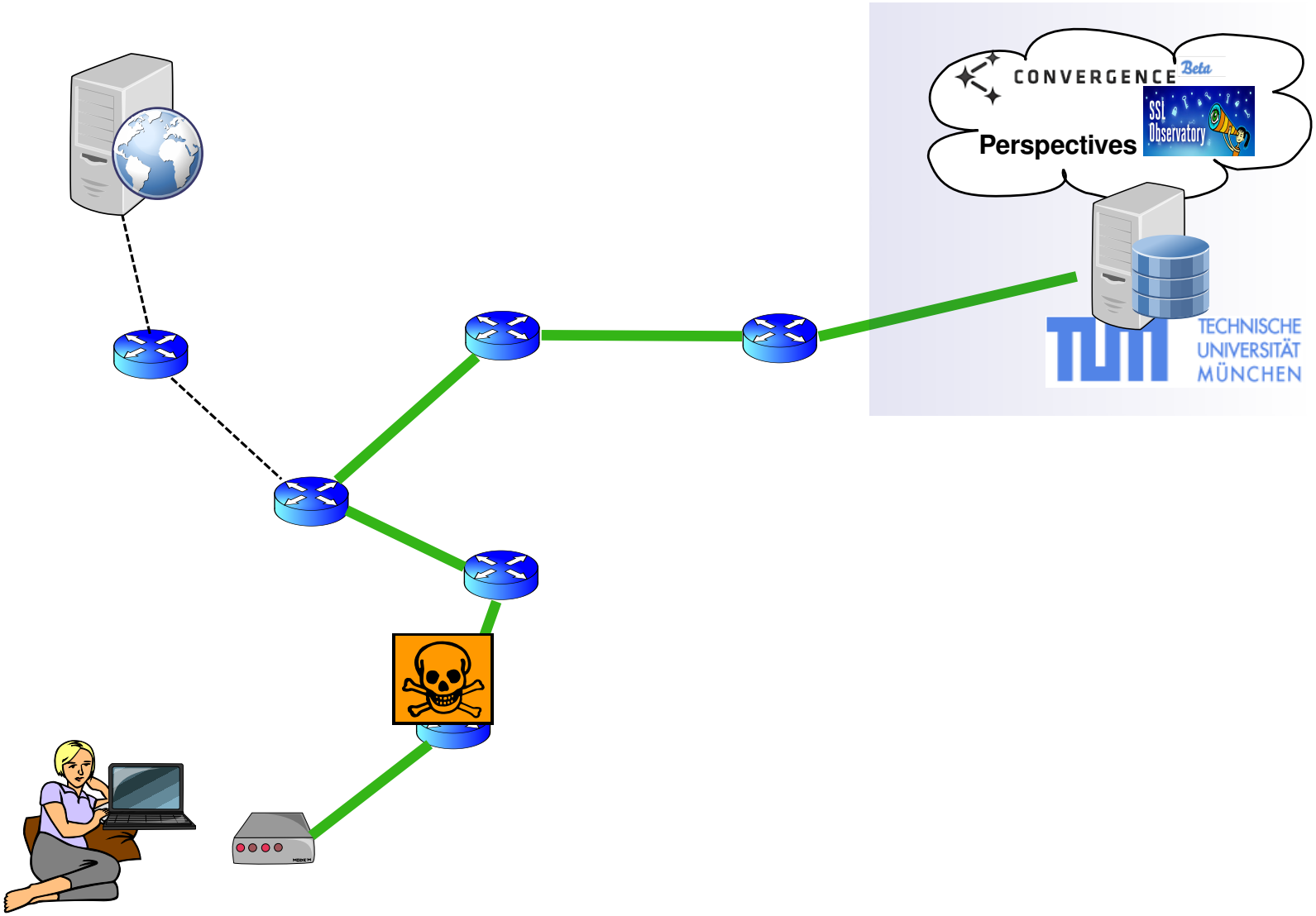
Alice is surfing...



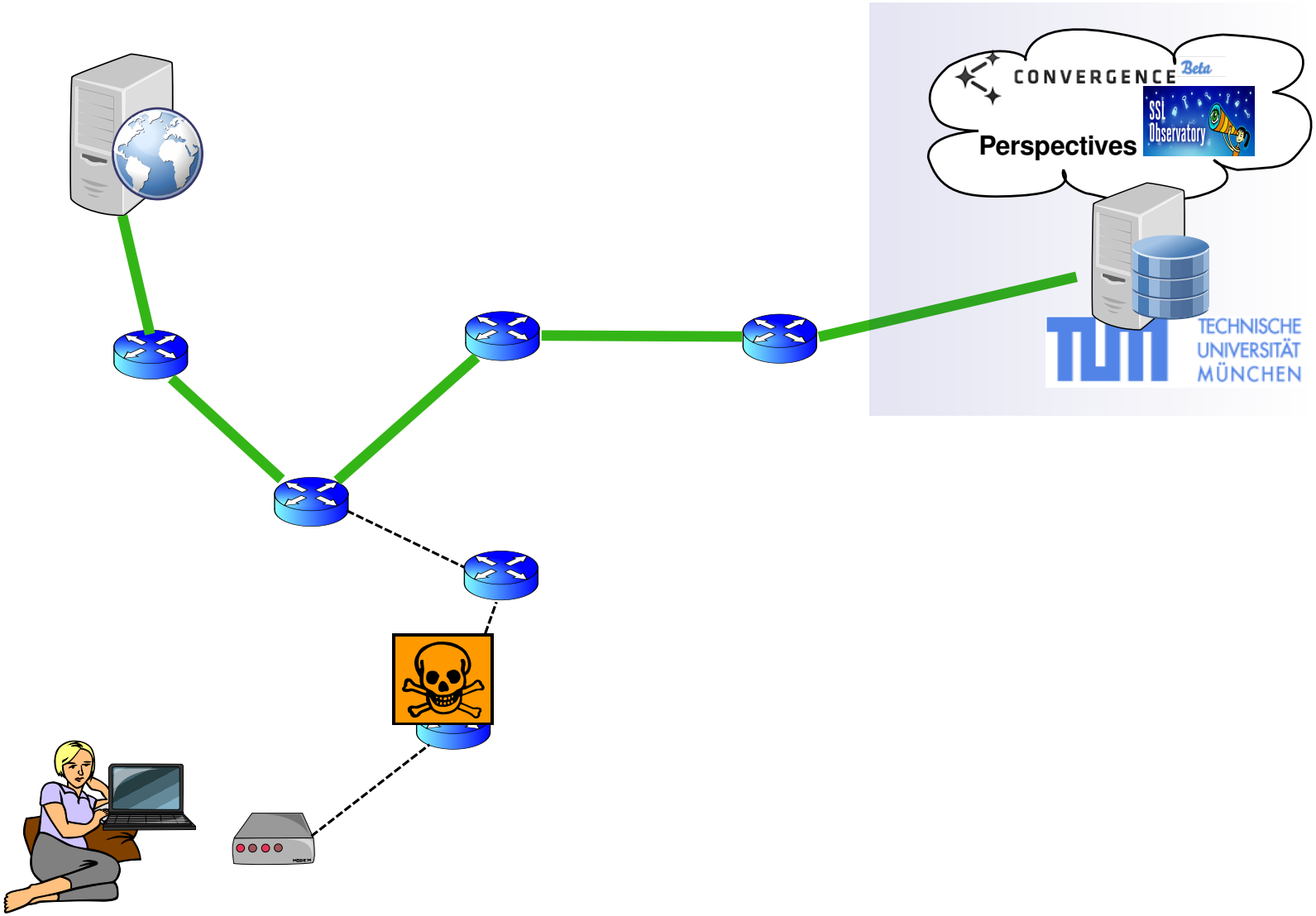
Man-in-the-middle



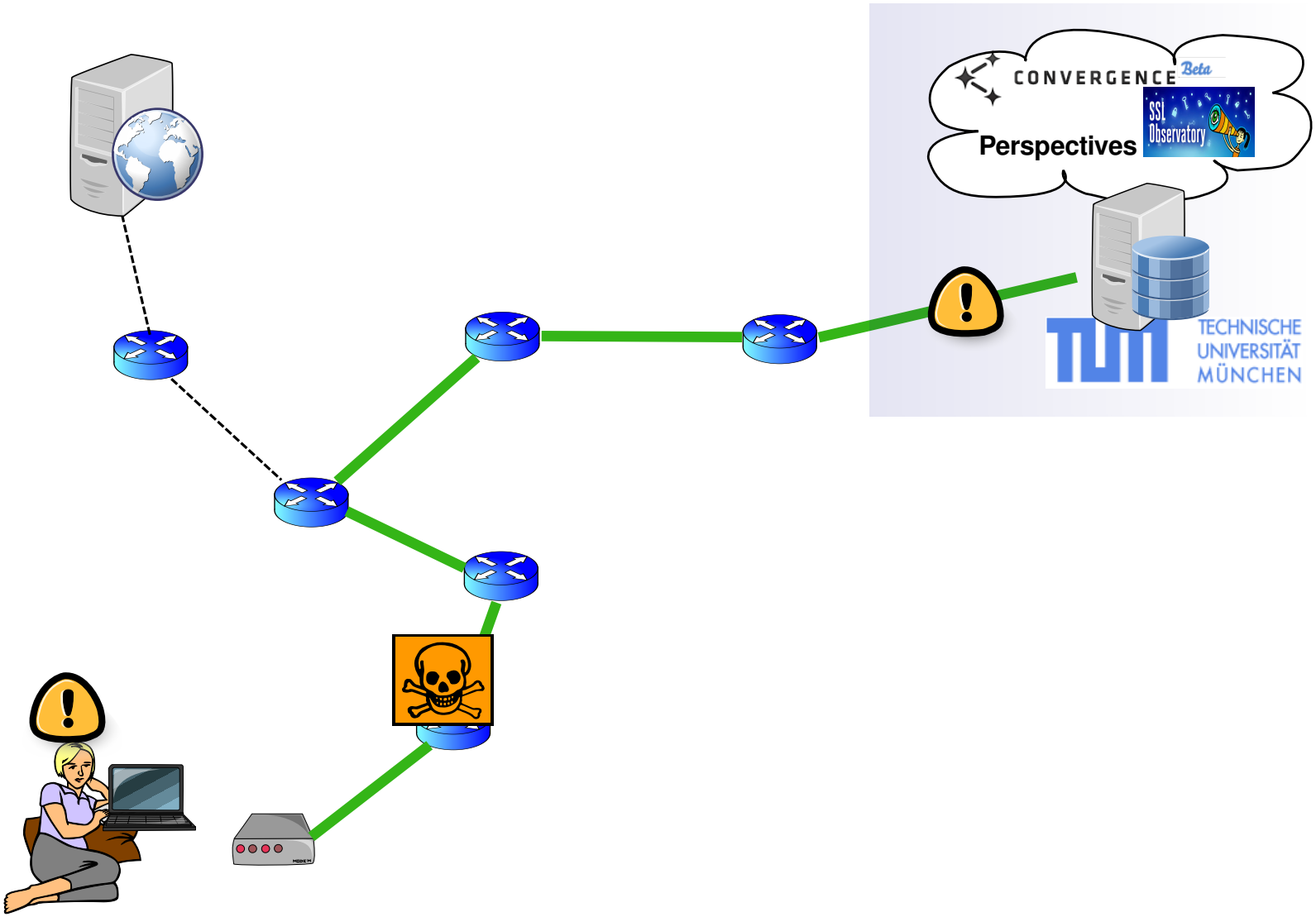
Alice queries CrossBear



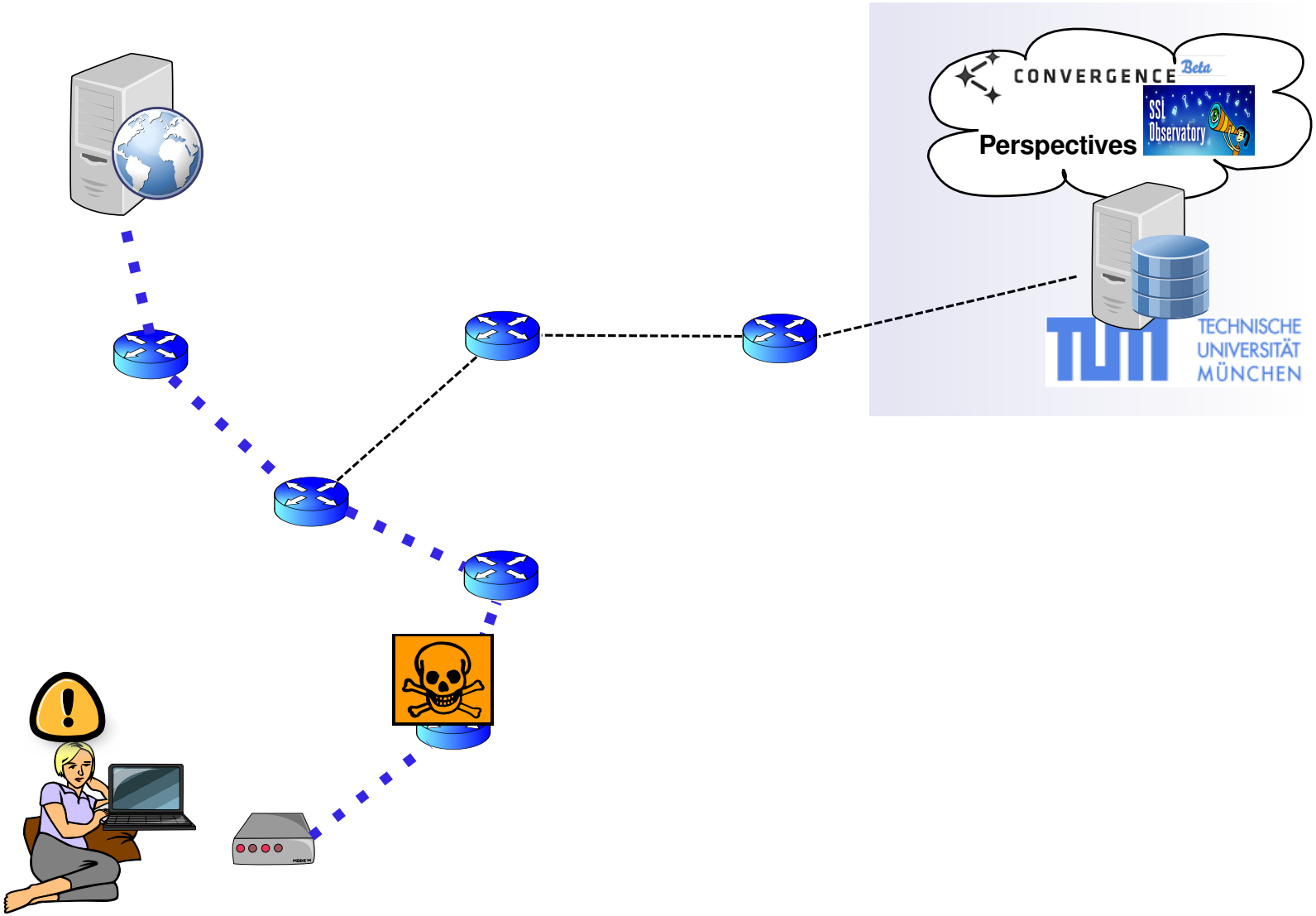
CrossBear checks the server



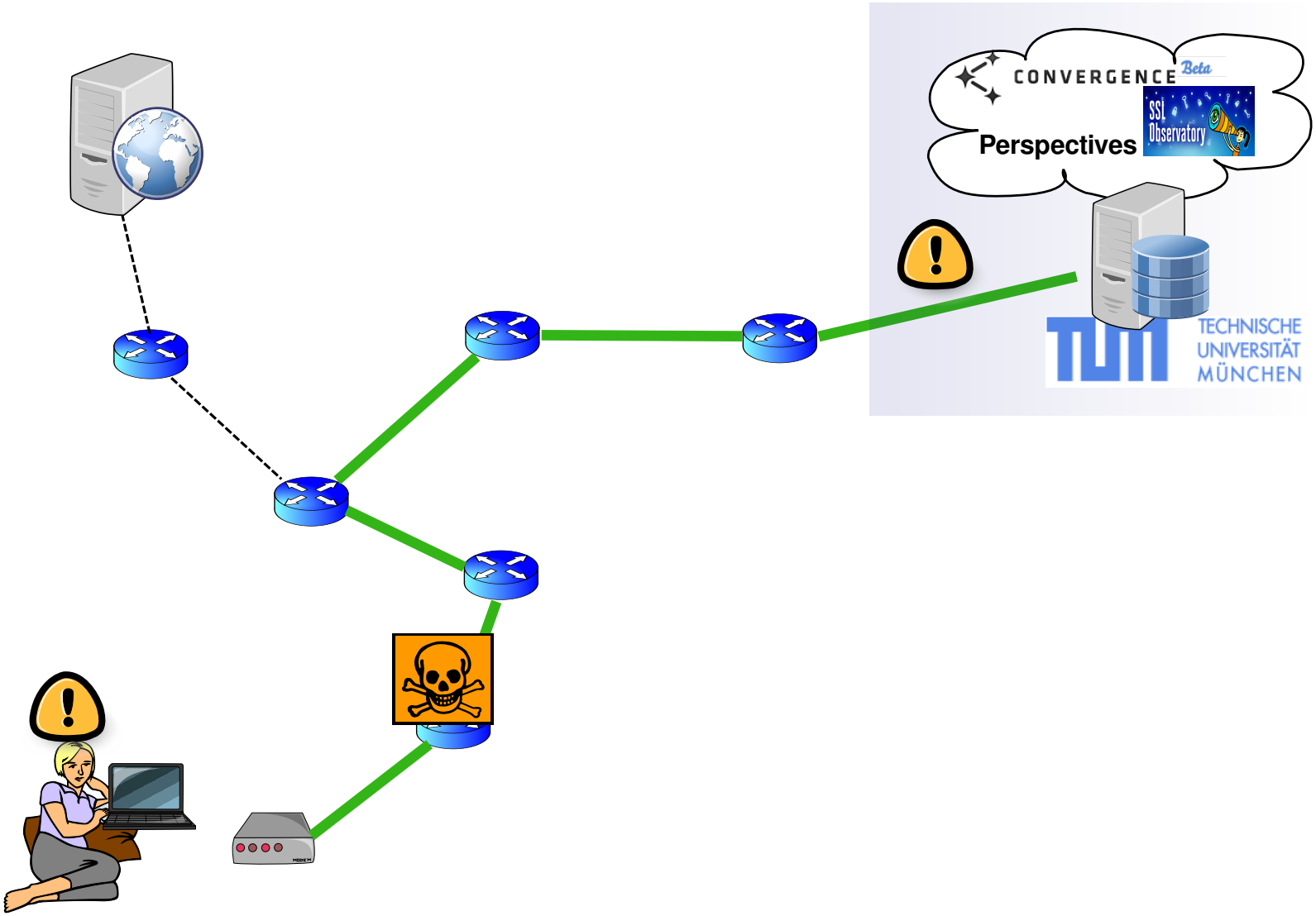
CrossBear reports result



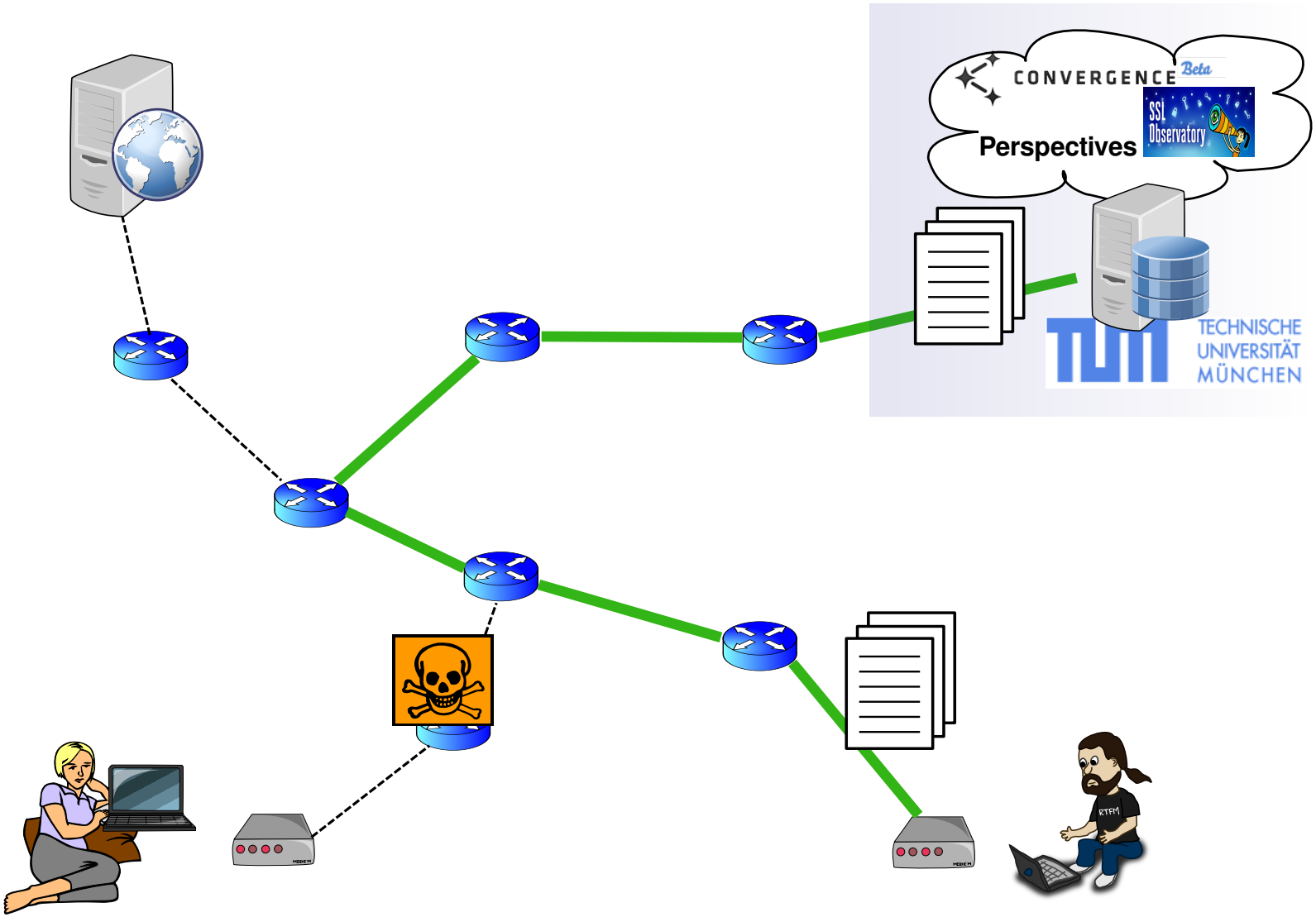
Alice traceroutes to server



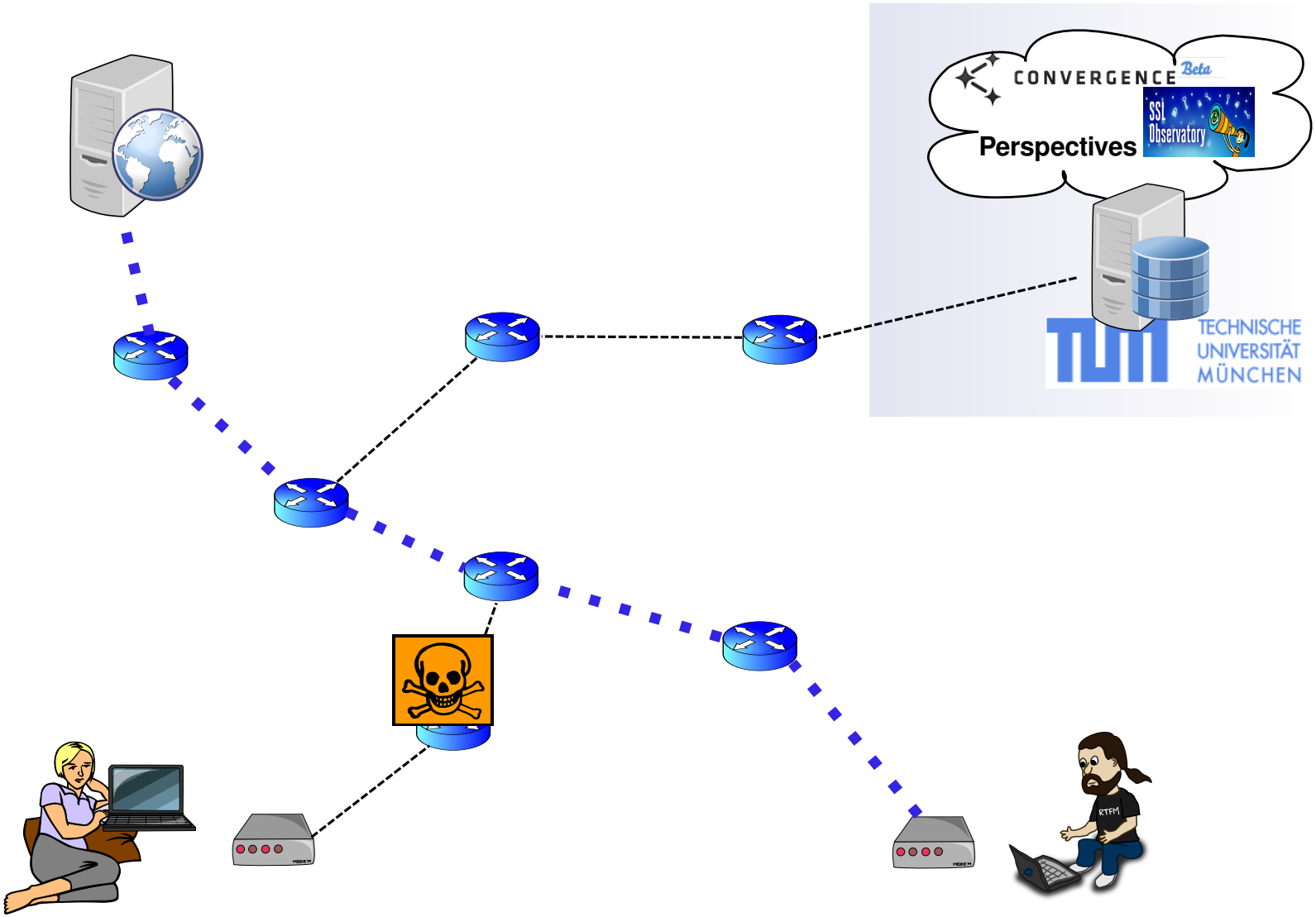
Alice reports to CrossBear



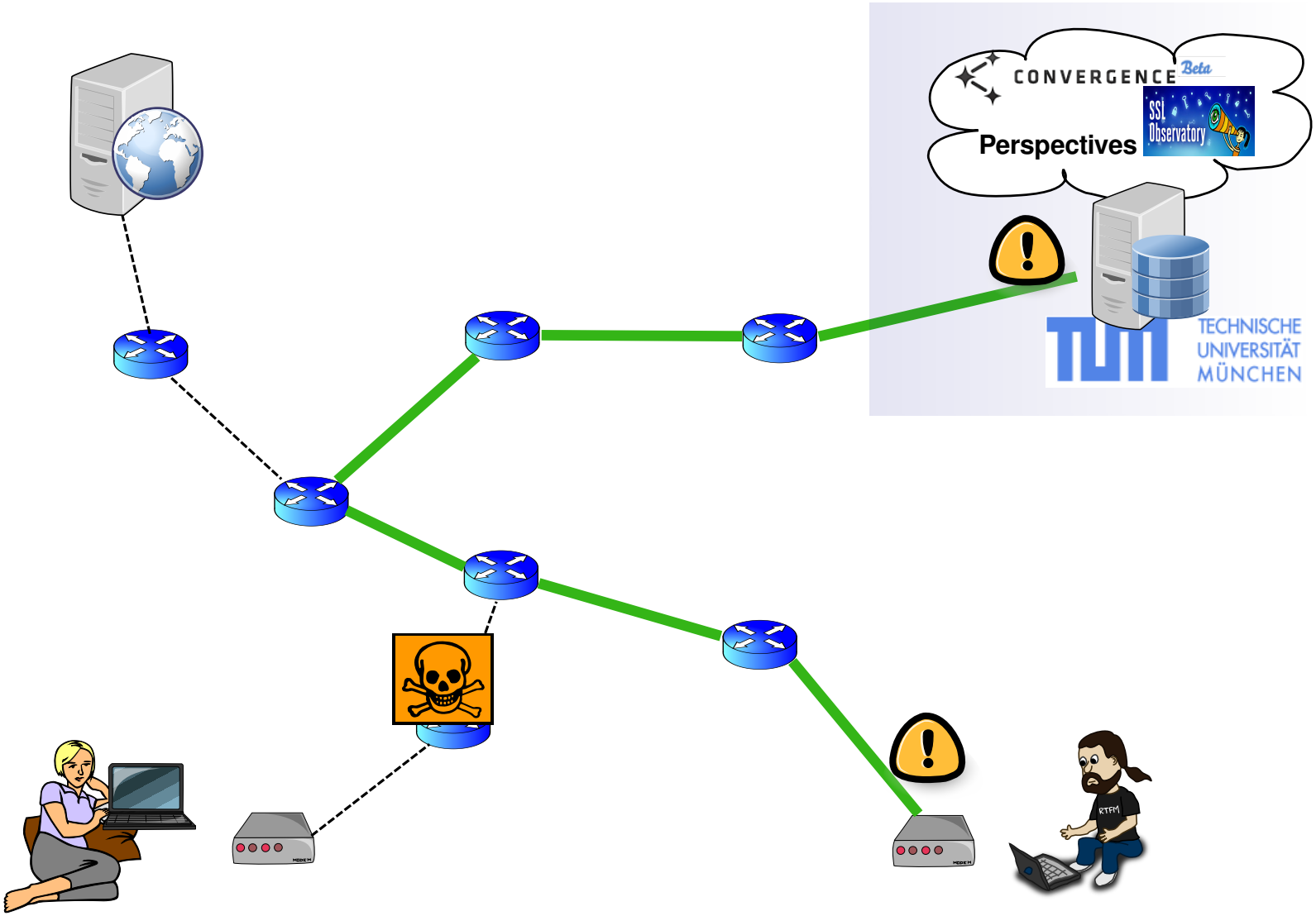
Distribute hunting tasks



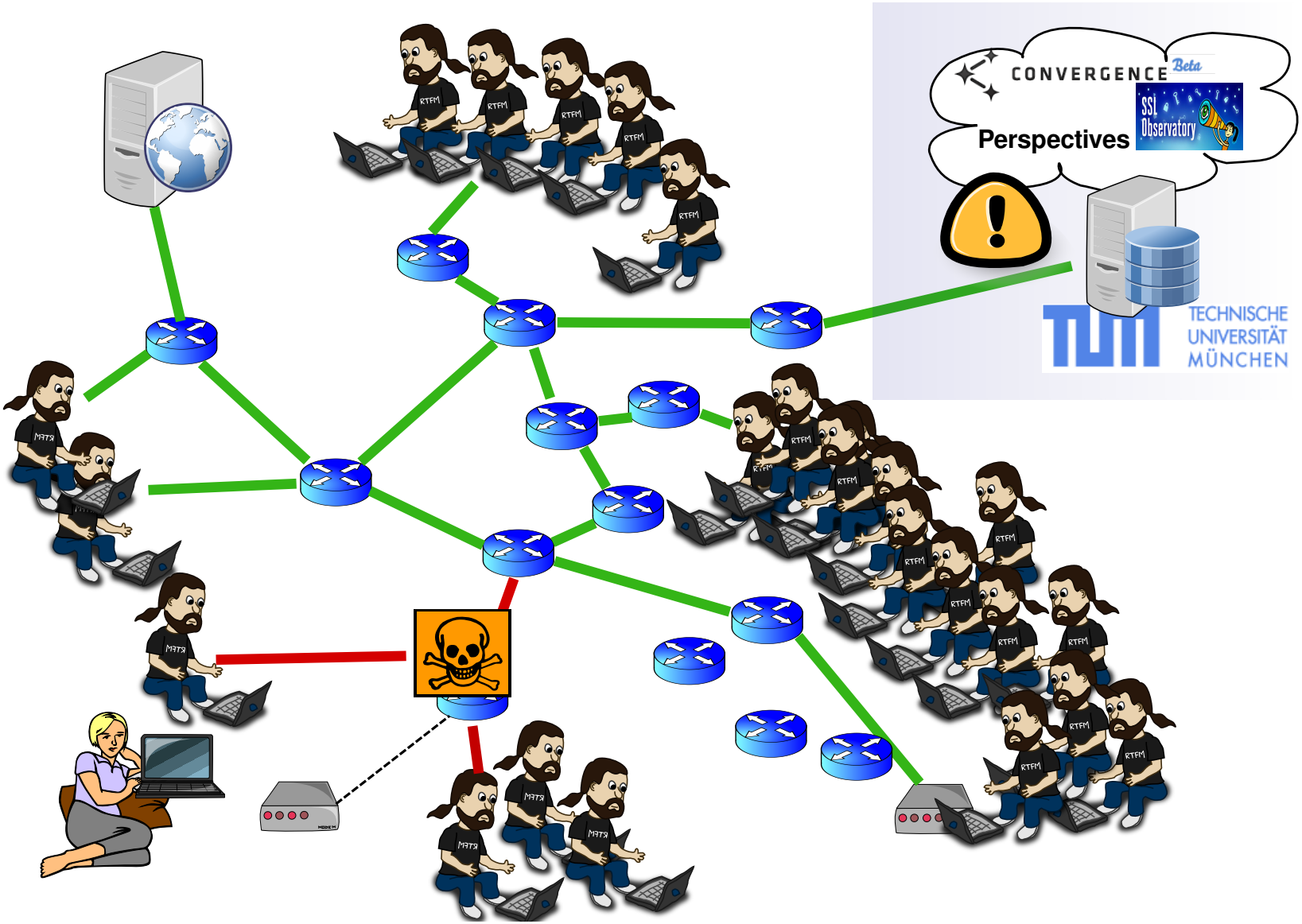
Bob goes hunting



Bob reports


CONVERGENCE
Beta
SSL Observatory
Perspectives
TECHNISCHE UNIVERSITÄT MÜNCHEN
RTFM

There are many Bobs



Summary

Status

- Young project, needs Bobs (and Bobinas)
- We hope to learn more about MitMs

Contact us

- Twitter: @crossbearteam, WWW: pki.net.in.tum.de
- Find us here at 28C3