

Cloudnets

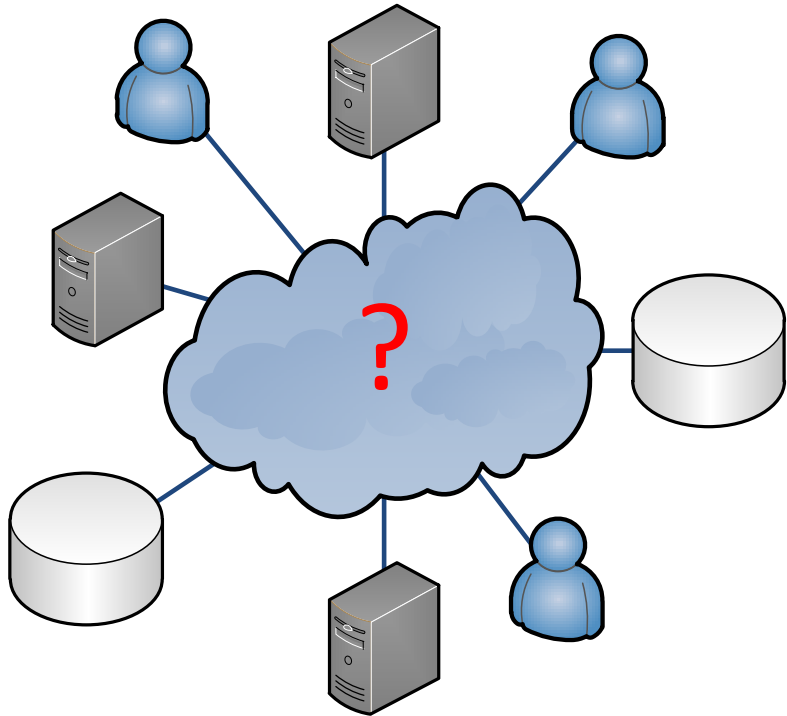
Combining
traditional cloud resources
with networking

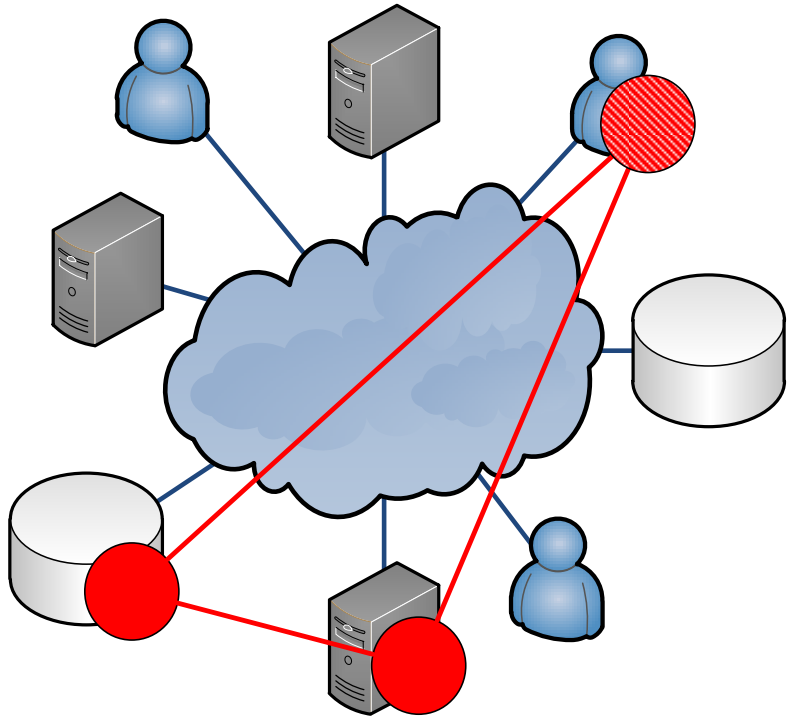
Carlo Fürst

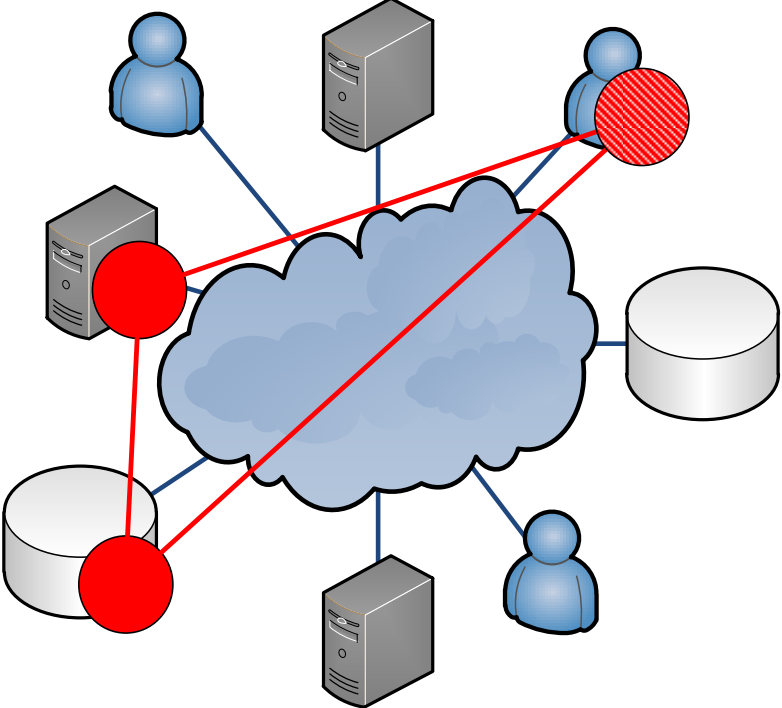
`carlo@net.t-labs.tu-berlin.de`

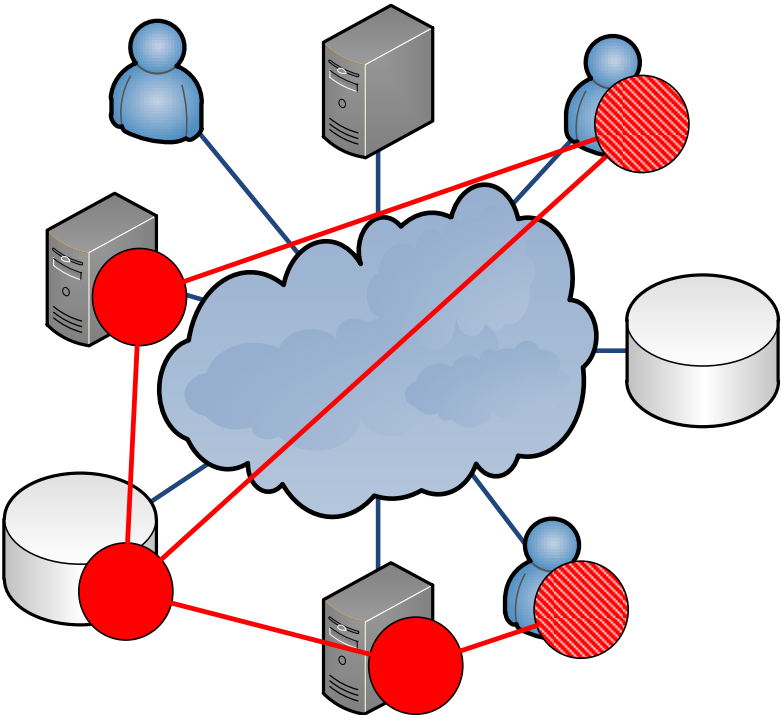
Arne Ludwig, Johannes Grassler

Matthias Rost and Stefan Schmid









Telekom strategic fit

Utilize the flexibility

- ▶ Multiple possible objectives
 - ▶ Load balancing
 - ▶ Energy saving
 - ▶ Utilization maximation
- ▶ Service differentiation and new services

Current work

Cloudnets - the combination of traditional cloud resources with networking guarantees

- ▶ Prototype creates and manages cloudnets in an optimized fashion
 - ▶ Improve embedding algorithms
 - ▶ OpenFlow/WAN support
- ▶ Pricing strategies for flexible services