

Dynamisches Routing - BGP

u23 2014

enum, kerel

Chaos Computer Club Cologne e.V.
<https://koeln.ccc.de>

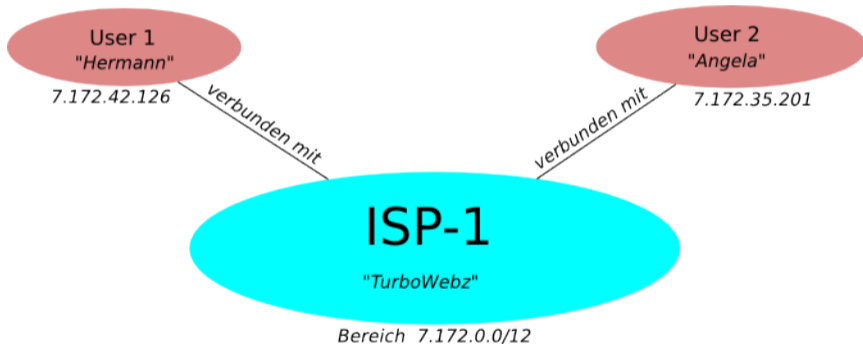
Cologne
2014-11-27



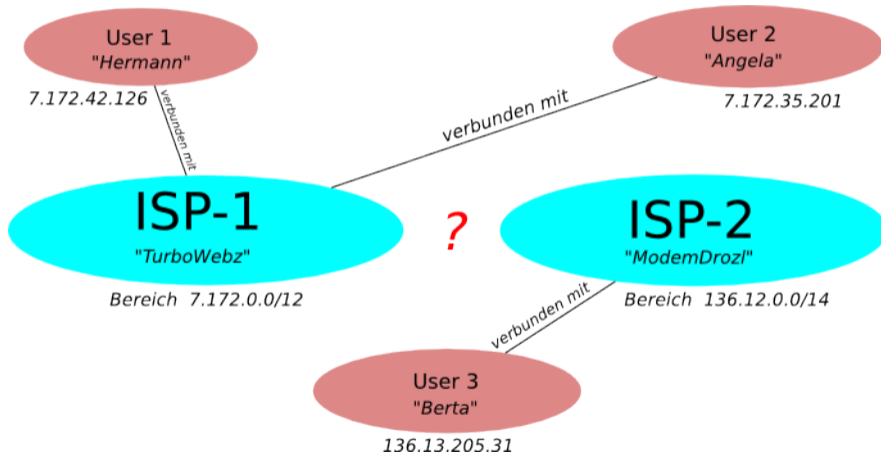
- 1 Überblick/Problem
- 2 Routing Tables
- 3 BGP
- 4 Testaufbau
- 5 IC-VPN



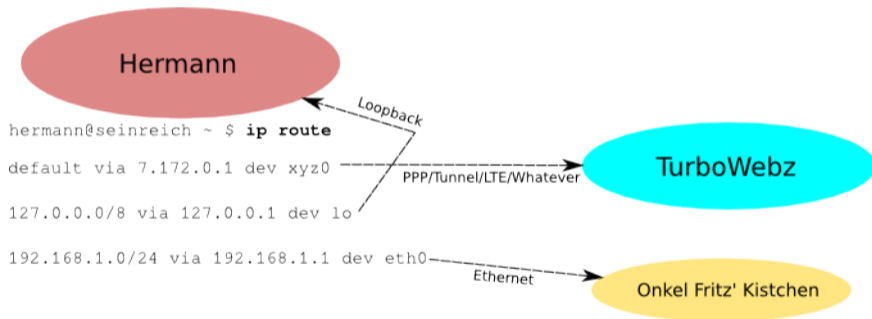
Szenario 1



Szenario 2



Routing Tables



```
hermann@seinreich ~ $ ip route
default via 7.172.0.1 dev xyz0
127.0.0.0/8 via 127.0.0.1 dev lo
192.168.1.0/24 via 192.168.1.1 dev eth0
```



Mal so ganz unter Routern...

TurboWebz
Gateway

```
nobody@turbowebz ~ $ ip route
7.172.42.126 dev xyz0
7.172.35.201 dev xyz1
...
```

ModemDrozl
Gateway

```
operator@modemdrazl ~ $ ip route
...
136.13.205.31 dev abc51
...
```

"Hey du, ich hab da ein paar Routen für dich!"

"Echt jetzt? Ich auch, lass mal tauschen?"



TurboWebz

AS 6600

IP 7.172.0.1

User 1
"Hermann"

User 2
"Angela"



BGP-Session

ModemDrozl

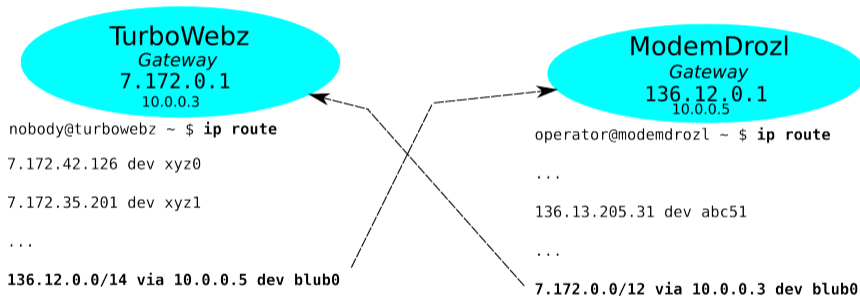
AS 6601

IP 136.12.0.1

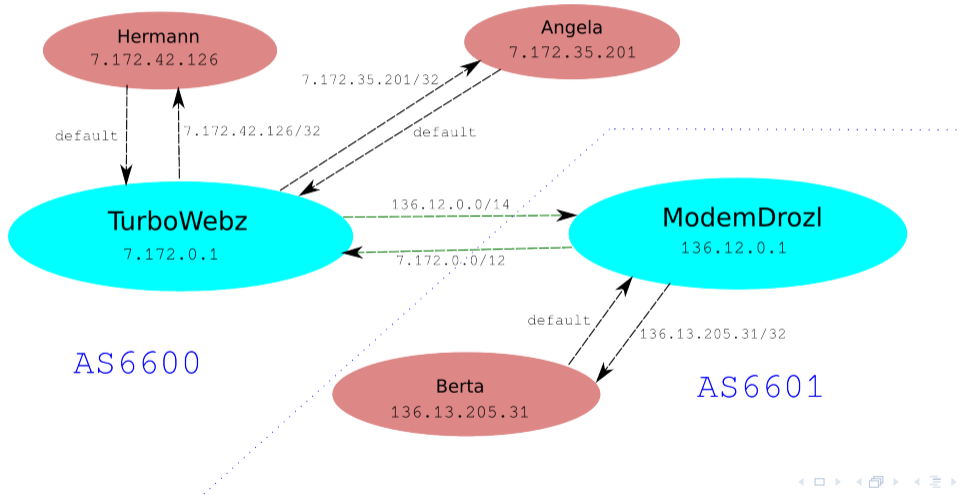
User 3
"Berta"



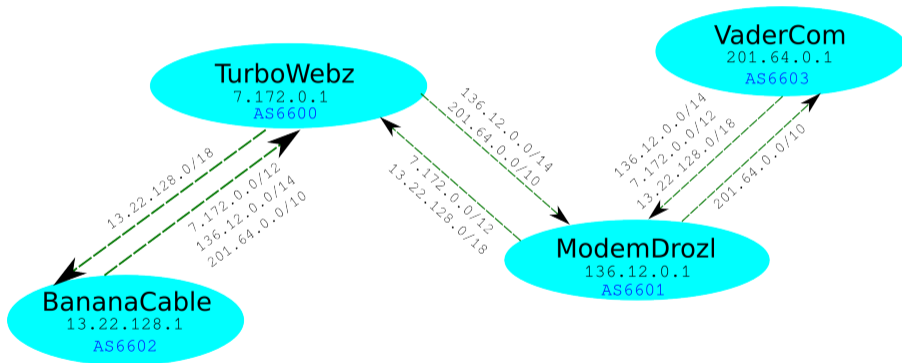
Und hinterher...

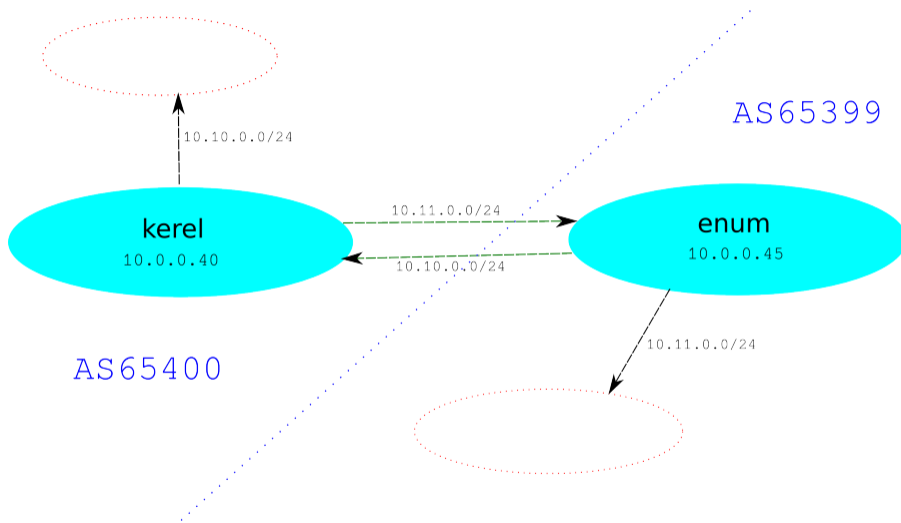


Szenario 2 Reviewed

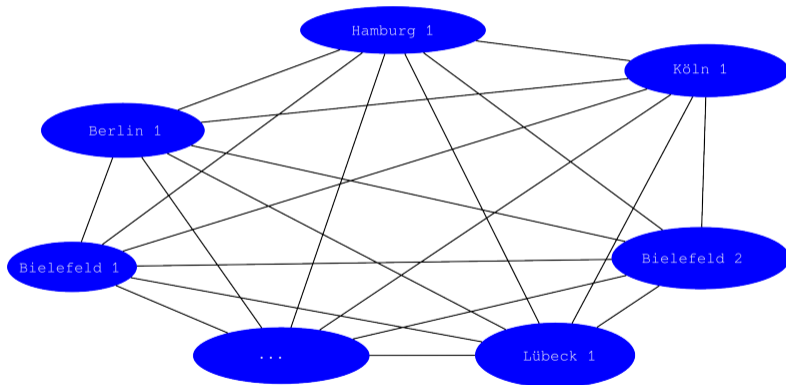


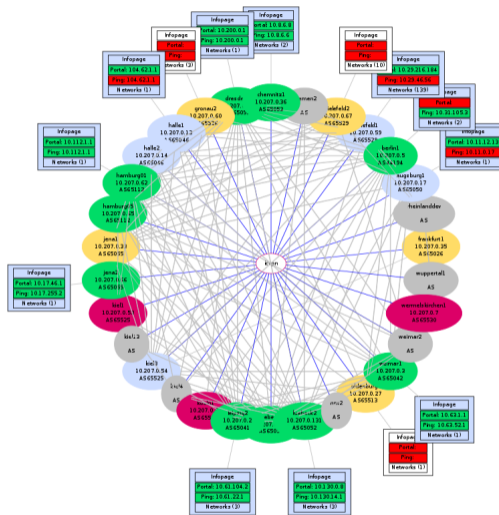
Da geht noch mehr!

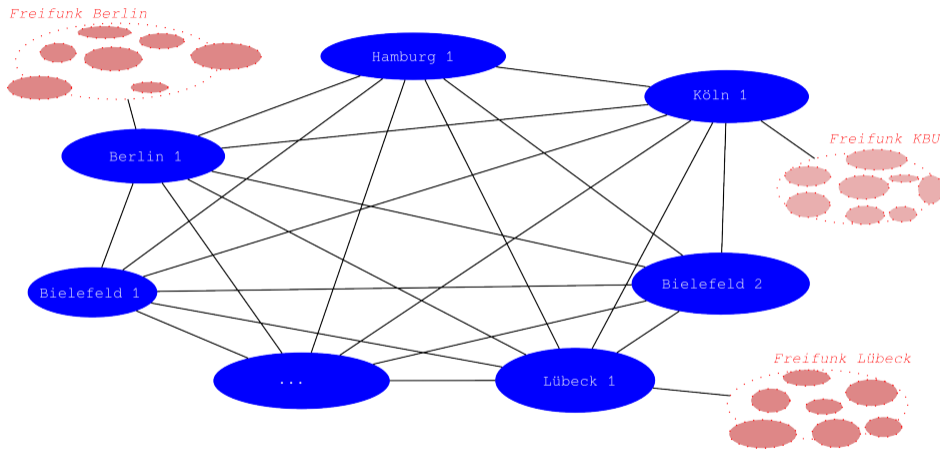




Tinc im IC-VPN







Ähnliche Projekte

- DN42
- ChaosVPN

