

# RIPE 64

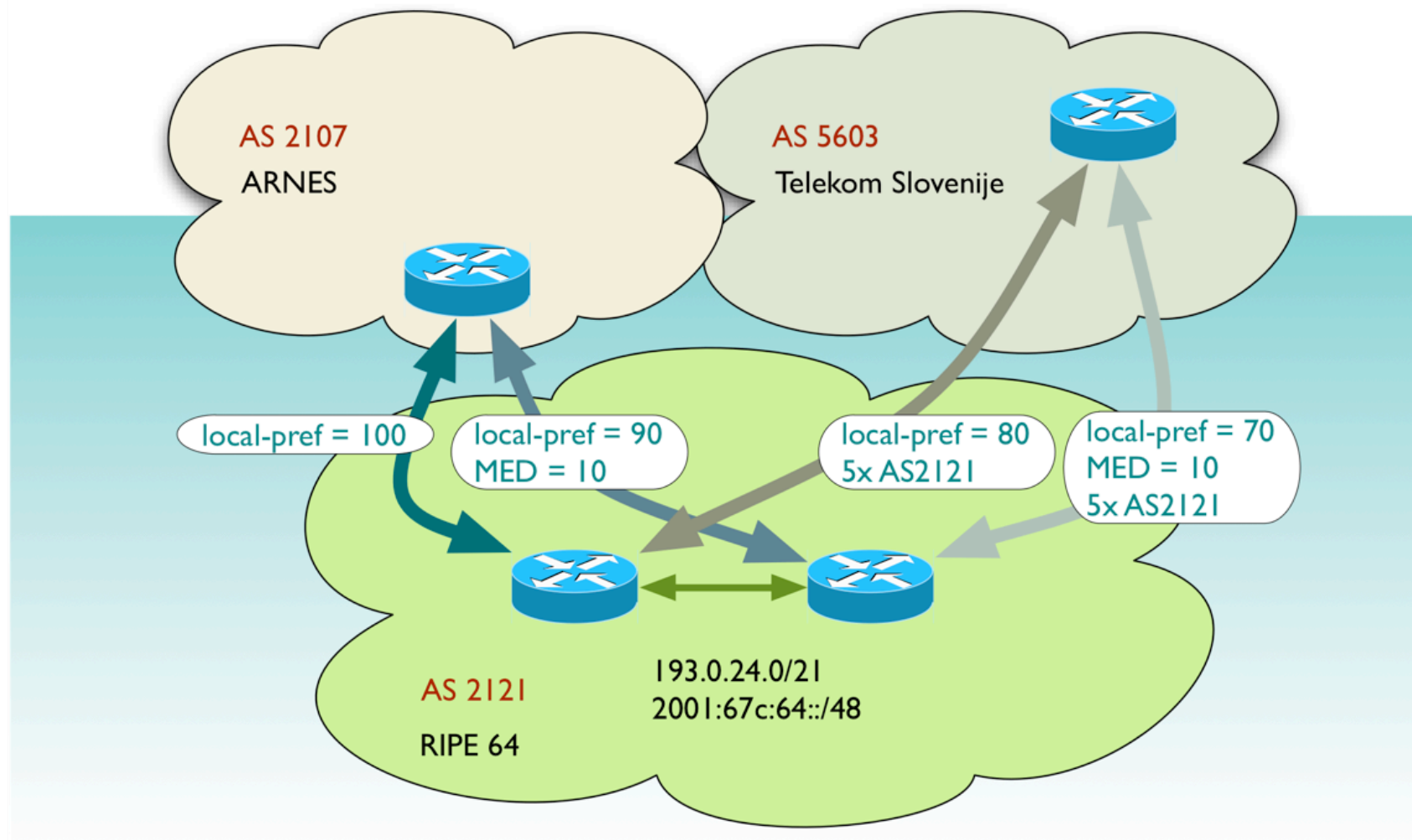
## Technical Report

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Razvan C. Oprea

# The Network

## BGP overview



Courtesy of Matjaž Straus Istenič

# Services

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- Registration Desk, InfoHub
- Terminal Room
- Virtualised servers (DHCP, DNS, dual-stack v4 + v6, DHCPv6 on Wednesday)
- ~100 power blocks, lots of tape

# Presentation System

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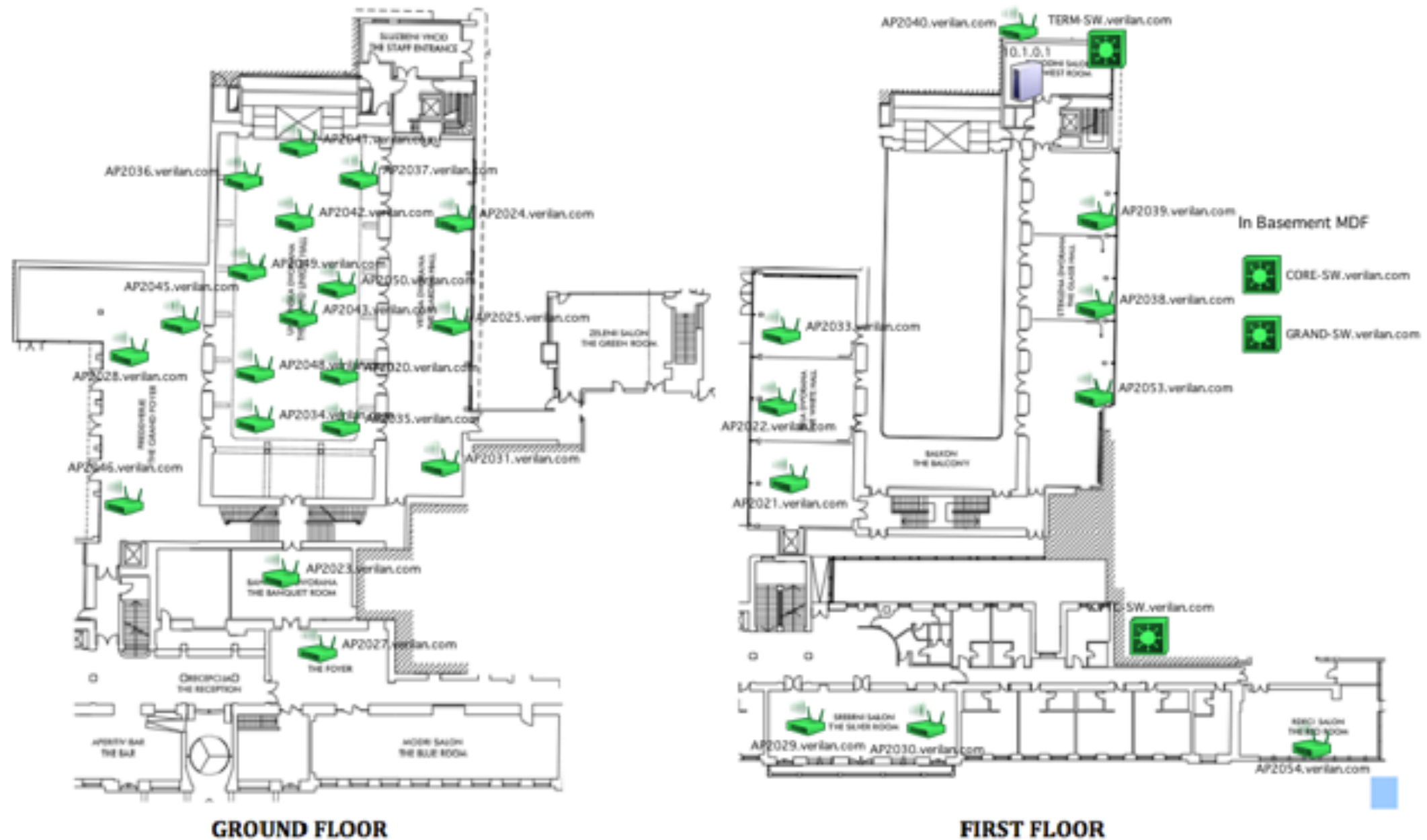
- Presentation system with support for PDF, PPT, Keynote and ODP
- Presentation upload and sync to all presentation machines
- Remote presentations using Skype

# Webcast & Stenography

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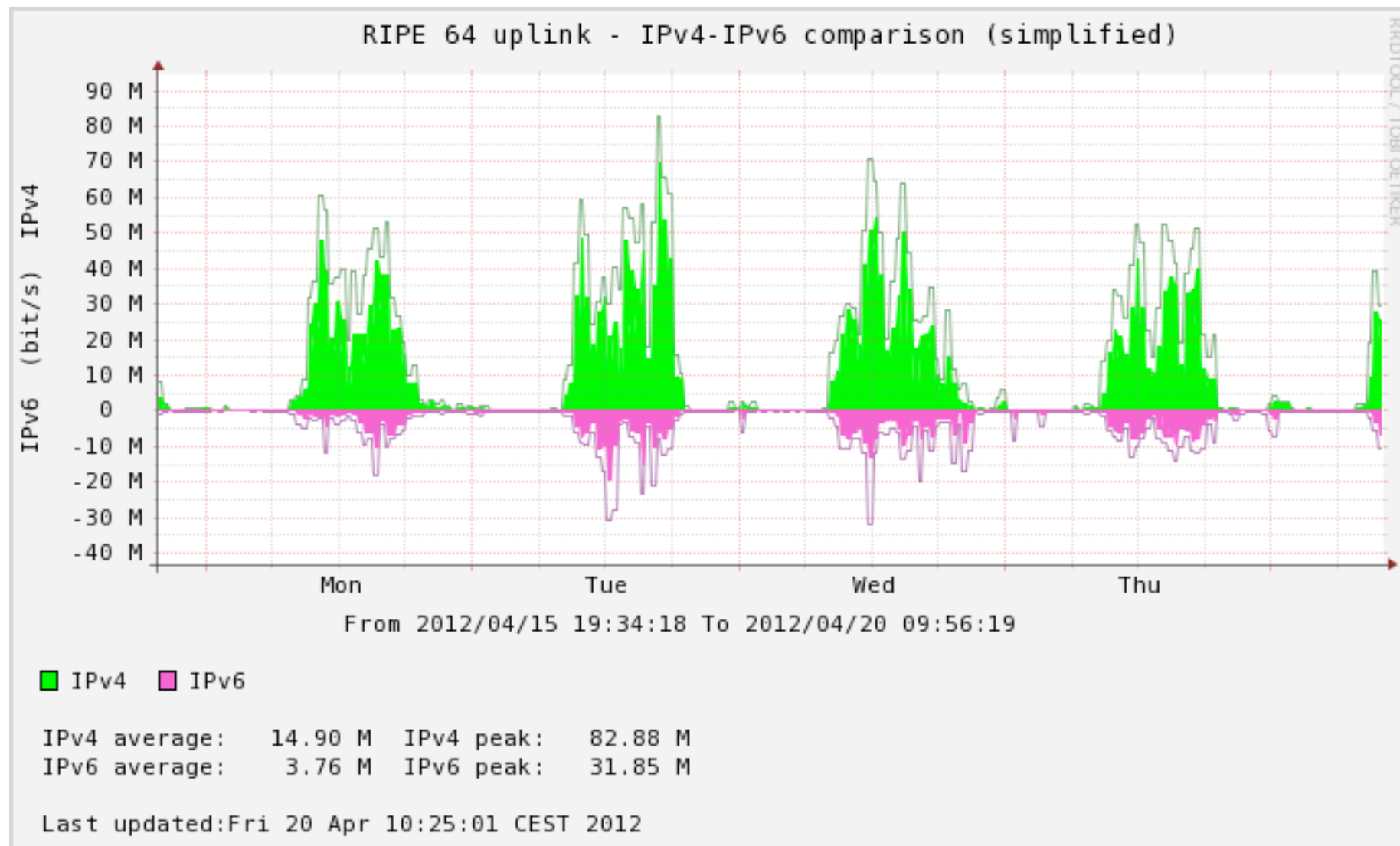
- H.264 + AAC (Flash and RTSP)
- Streaming server in Amsterdam, accessible via v4 & v6
- Live stenography

# Wireless Network



Courtesy of Verilan

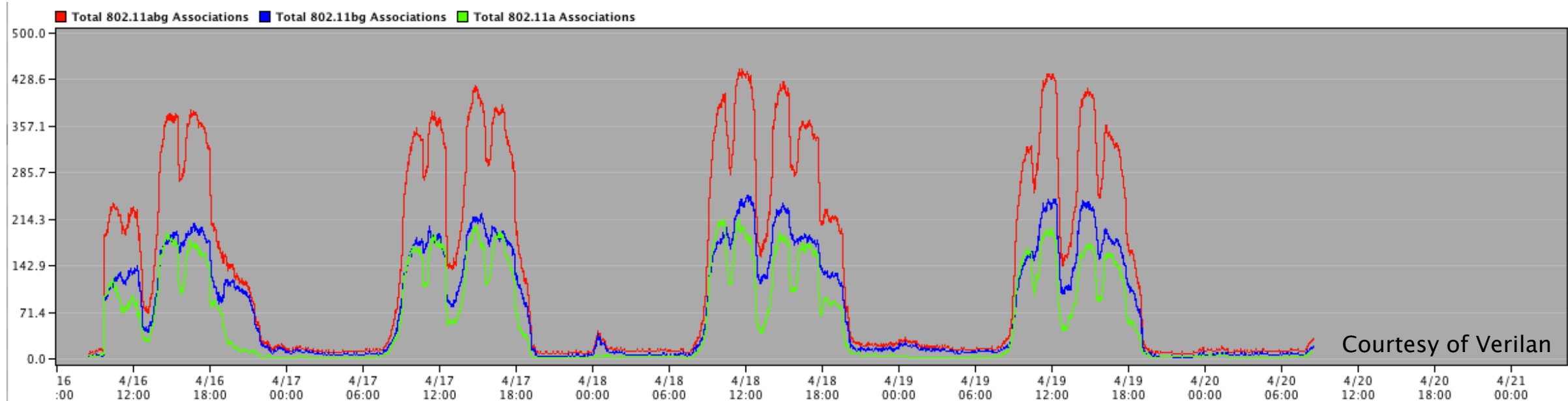
# Network Statistics (1)



Courtesy of Matjaž Straus Istenič



# Network Statistics (2)

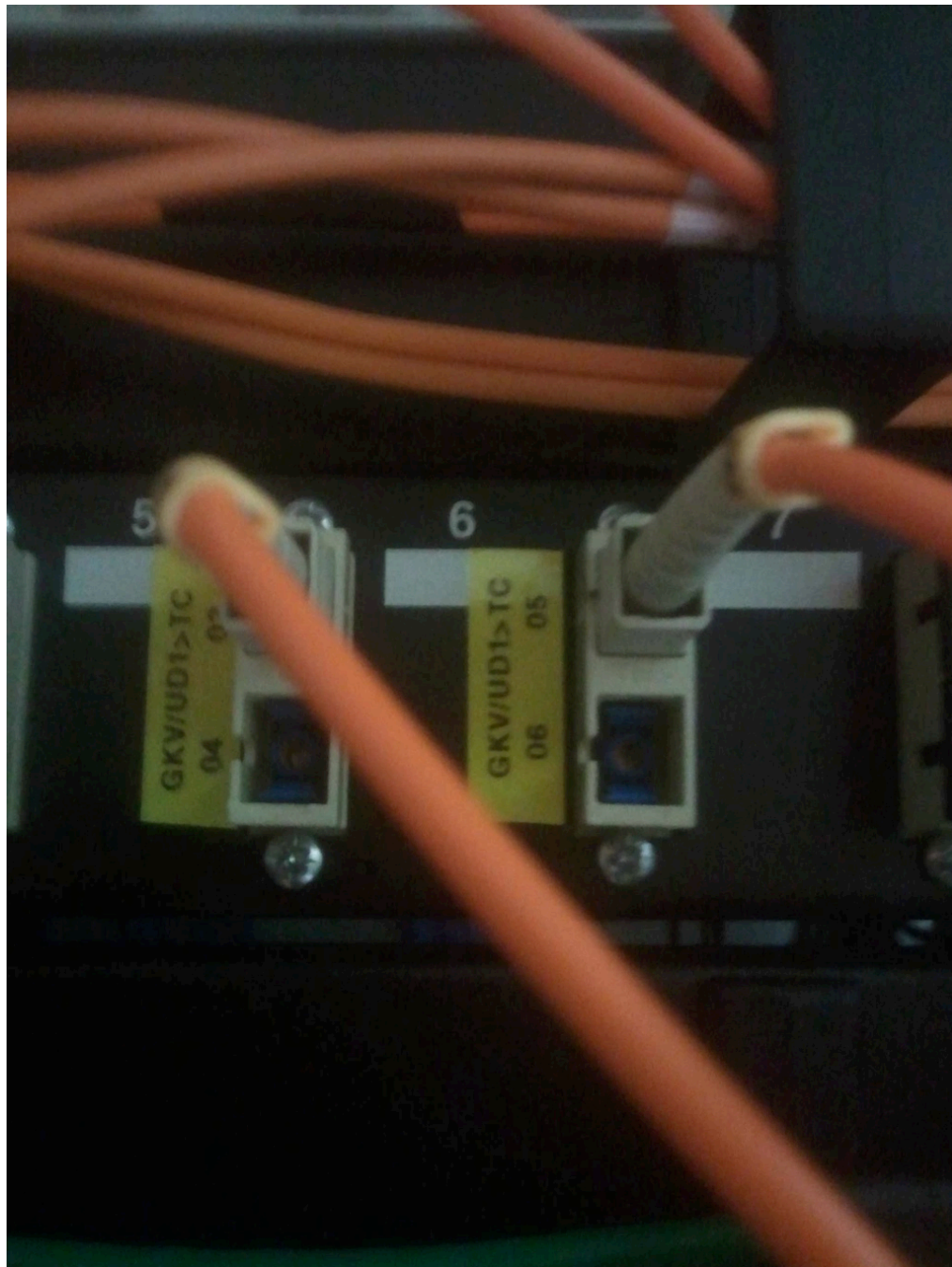


Unique active hardware addresses: 802

|     |                                        |
|-----|----------------------------------------|
| 361 | Apple                                  |
| 148 | Intel Corporation                      |
| 85  | UNKNOWN                                |
| 50  | SAMSUNG ELECTRO MECHANICS              |
| 38  | HTC Corporation                        |
| 16  | Samsung Electro Mechanics              |
| 16  | Samsung Electronics Co Ltd             |
| 13  | Hon Hai Precision Ind Co Ltd           |
| 13  | IEEE SA                                |
| 11  | Liteon Technology Corporation          |
| 8   | Sony Ericsson Mobile Communications AB |
| 6   | Nokia Corporation                      |
| 6   | Murata Manufacturing Co Ltd            |
| 4   | RIM                                    |
| 4   | Toshiba                                |
| 3   | Gemtek Technology Co Ltd               |
| 2   | Motorola Mobility Inc                  |



# Problems - Patching



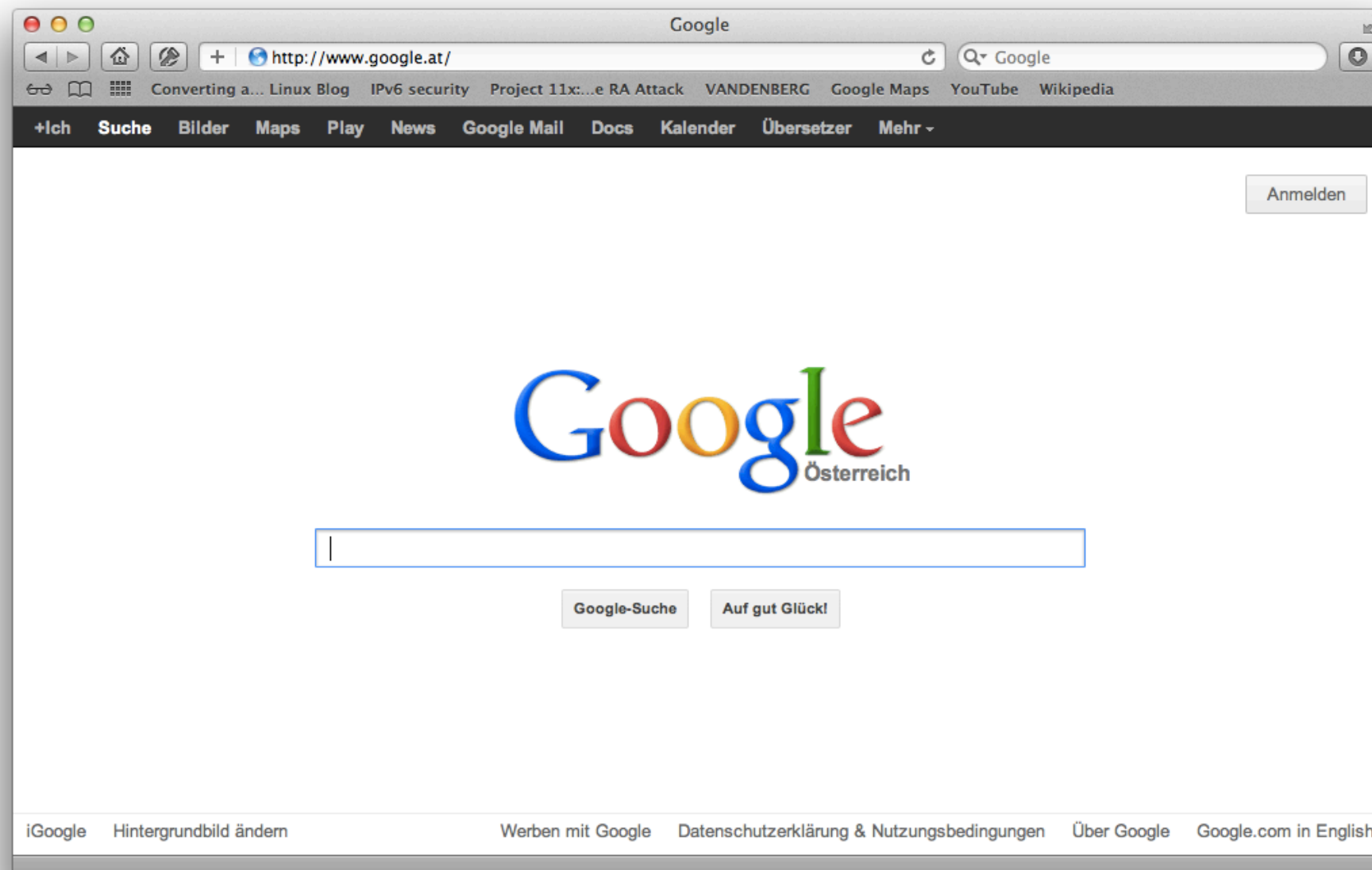
Finding the right patches  
between two patch rooms

# Problems - NTP and DHCP

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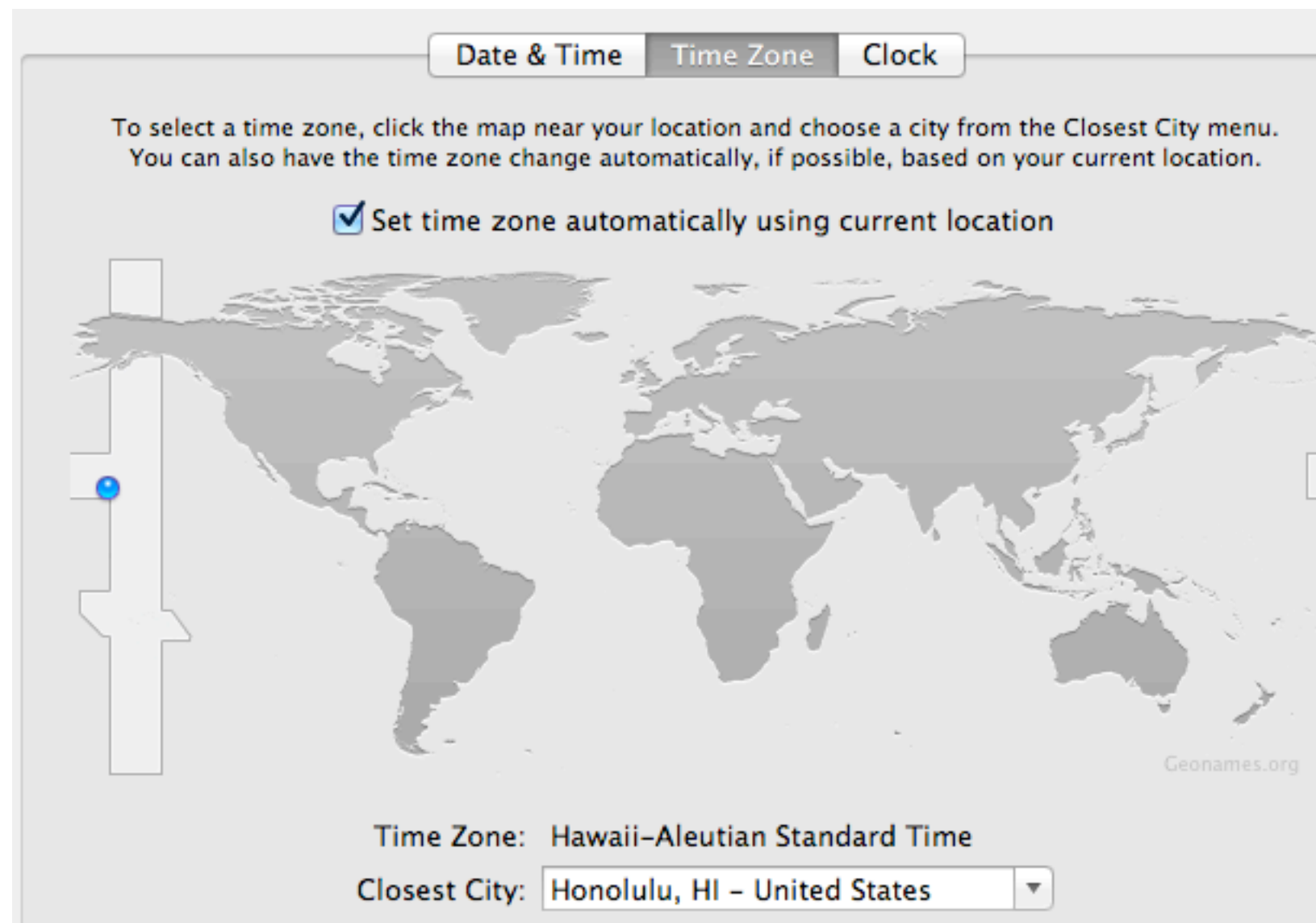
- On Tuesday: NTP time issues caused wrong timestamps in the DHCP leases file
- This affected also the IRC server
- Problems for about 1.5 hours
- Fixed at the beginning of the lunch break

# Problems - Geolocation (1)



Ljubljana, Austria (Google)

# Problems - Geolocation (2)



Hawaii ([time.apple.com](http://time.apple.com))

# Team - RIPE NCC

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Angel



John



Menno



Razvan



Sjoerd



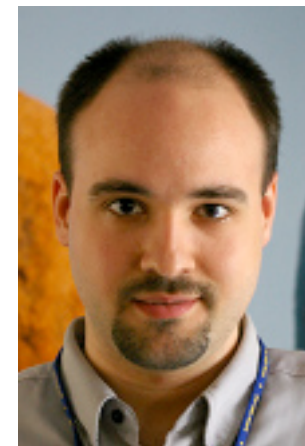
Tom



Brian



Xavier



Mihnea



# Verilan

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James and Brandon



# Hosts



Matej and Peter



Damjan and Matjaz



Jan



# Stenographers



Doyle Court Reporters: Aoife, Ronan, Mary, Anna

# See you next year!

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