



# Swiss IPv6 Council

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Memberanlass 29. April 2015, Zürich

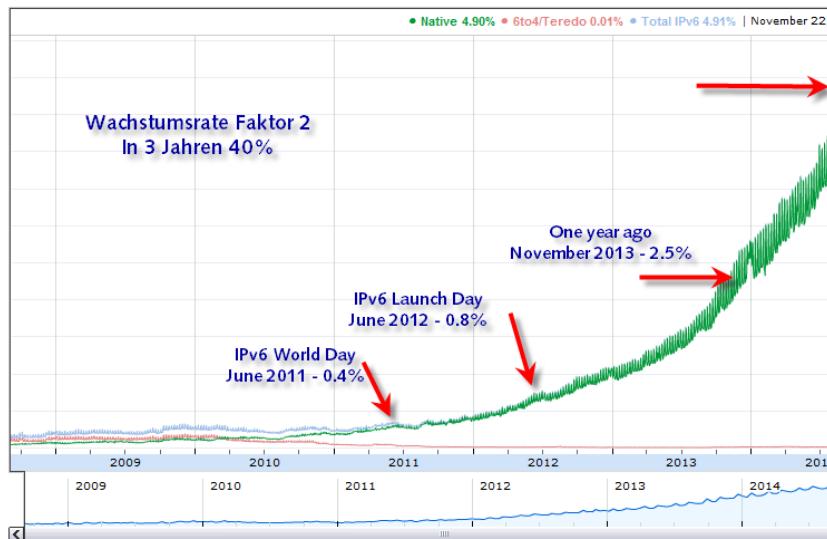
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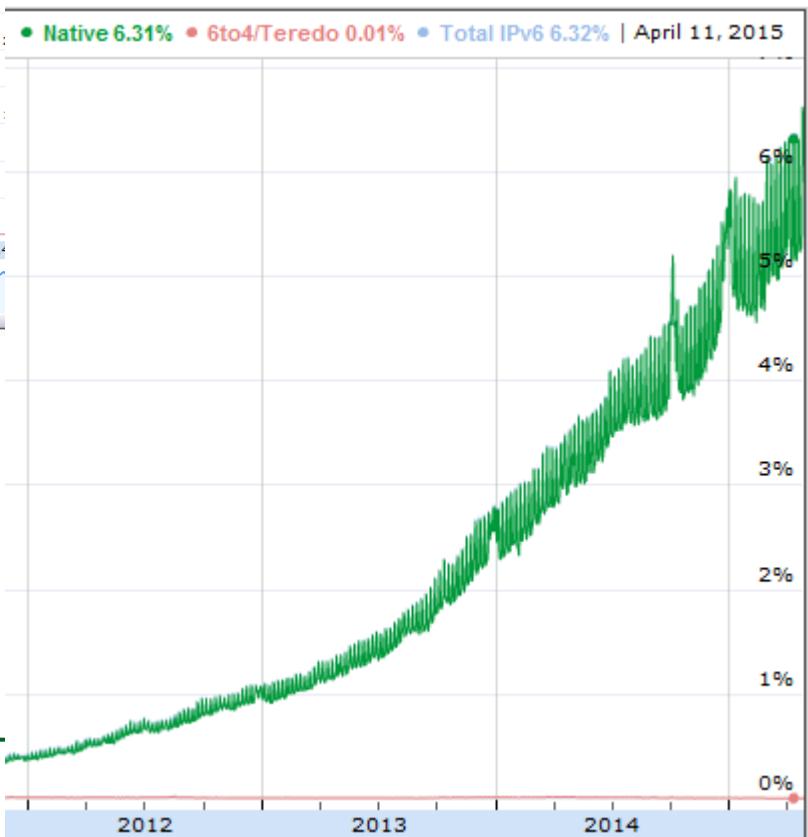
# April 2015

## IPv6 Adoption

We are continuously measuring the availability of IPv6 connectivity among Google users. The graph shows the percentage of users that access Google over IPv6.



**Up to 6.3% from  
4.9% in November**



**6.3% entspricht rund 189 Mio  
Usern**

<http://www.google.com/intl/en/ipv6/statistics.html>

# Happy News

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- Comparis.ch dual-stack!
- Dicomp.ch dual-stack!

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<a href="https://www.comparis.ch">https://www.comparis.ch</a>	2001:67c:2e38:100::40
<a href="https://aka-cdn.adtech.de">https://aka-cdn.adtech.de</a>	2.16.197.215
<a href="https://adserver.adtech.de">https://adserver.adtech.de</a>	195.93.85.9
<a href="https://www.google-analytics.com">https://www.google-analytics.com</a>	2a00:1450:400a:804::1001
<a href="https://www.google.com">https://www.google.com</a>	2a00:1450:4002:805::1011
<a href="https://sdc.comparis.ch">https://sdc.comparis.ch</a>	2001:67c:2e38:100::41
<a href="https://comp-ssl.wemfbox.ch">https://comp-ssl.wemfbox.ch</a>	212.47.171.71
<a href="https://clients1.google.com">https://clients1.google.com</a>	2a00:1450:400a:804::1004
<a href="https://www.googleapis.com">https://www.googleapis.com</a>	2a00:1450:4016:805::200a

<a href="https://www.dicomp.ch">https://www.dicomp.ch</a>	2a02:6201:2ee8:b5e0::e1:13
<a href="http://www.dicomp.ch">http://www.dicomp.ch</a>	2a02:6201:2ee8:b5e0::e1:13
<a href="https://use.typekit.net">https://use.typekit.net</a>	192.229.233.37
<a href="https://www.googletagmanager.com">https://www.googletagmanager.com</a>	2a00:1450:400a:804::101e
<a href="https://cdn.userreport.com">https://cdn.userreport.com</a>	54.230.93.123
<a href="https://p.typekit.net">https://p.typekit.net</a>	192.229.233.37
<a href="https://stats.g.doubleclick.net">https://stats.g.doubleclick.net</a>	2a00:1450:400c:c05::9d
<a href="https://googleads.g.doubleclick.net">https://googleads.g.doubleclick.net</a>	2a00:1450:400a:804::101a
<a href="https://www.google.com">https://www.google.com</a>	2a00:1450:4002:805::1011
<a href="https://www.google.ch">https://www.google.ch</a>	2a00:1450:4002:805::1017
<a href="https://settingsbucket.s3.amazonaws.com">https://settingsbucket.s3.amazonaws.com</a>	54.231.141.129
<a href="https://tag.userreport.com">https://tag.userreport.com</a>	54.230.93.123
<a href="https://visitanalytics.userreport.com">https://visitanalytics.userreport.com</a>	54.230.93.123
<a href="https://server.adformdsp.net">https://server.adformdsp.net</a>	86.58.179.99
<a href="https://pi.pardot.com">https://pi.pardot.com</a>	108.168.254.138

# Sad News – need your help!

- SAGA, ein internationaler Standard der für Schweizer Bundesverwaltungen und die meisten Kantone verbindlich ist schreibt seit 2008 IPv6 prioritär vor. Infos auf ech.ch (IPv4-only!)
  - Unser neues Government Dashboard:  
<http://dashboard.swissipv6council.ch/ipv6dashboard/government>

Name	Website Test
Bundesverwaltung (admin.ch)	FAIL
Bundesamt fuer Informatik und Telekommunikation (bit.admin.ch)	OK
ISB (www.isb.admin.ch)	FAIL
Bundeskanzlei (bk.admin.ch)	FAIL
Eidg. Departement für auswärtige Angelegenheiten (eda.admin.ch)	FAIL
Departement des Innern (edi.admin.ch)	FAIL
Eidg. Justiz- und Polizeidepartement (ejpd.admin.ch)	FAIL
Verteidigung, Bevölkerungsschutz und Sport (vbs.admin.ch)	FAIL
Eidg. Finanzdepartement (efd.admin.ch)	FAIL
Eidg. Departement für Wirtschaft, Bildung und Forschung (wbf.admin.ch)	FAIL
Eidg. Departement für Umwelt, Verkehr, Energie und Kommunikation (uvek.admin.ch)	FAIL
Bundesamt für Kommunikation (bakom.admin.ch)	FAIL

Continued online.....

**Einige läbliche  
Ausnahmen:**  
**BIT**  
**Kanton Zürich**

# Was können wir tun?

## Talk about it!

- Wir sind 600 Mitglieder
- Eigene Websites
- Partnerwebsites
- Hersteller Websites
- Medien
- .....



# Zum Beispiel XING

Schreibt alle dass Ihr XING über IPv6 wollt. LinkedIn kann es!

<a href="https://www.linkedin.com">https://www.linkedin.com</a>	2620:109:c007:102::91.225.248.129
<a href="http://b.aol.com">http://b.aol.com</a>	149.174.97.86
<a href="https://static.licdn.com">https://static.licdn.com</a>	2600:140a:0:191::25ea
<a href="https://ad.doubleclick.net">https://ad.doubleclick.net</a>	173.194.116.188
<a href="https://s0.2mdn.net">https://s0.2mdn.net</a>	173.194.116.188
<a href="https://pagead2.googlesyndication.com">https://pagead2.googlesyndication.com</a>	2a00:1450:4001:80e::101a
<a href="https://c.t4ft.de">https://c.t4ft.de</a>	46.20.32.67
<a href="https://media.licdn.com">https://media.licdn.com</a>	2600:140a:0:191::25ea



<a href="https://www.xing.com">https://www.xing.com</a>	109.233.153.4
<a href="https://login.xing.com">https://login.xing.com</a>	109.233.153.54
<a href="https://x1.xingassets.com">https://x1.xingassets.com</a>	109.233.153.45
<a href="https://nats.xing.com">https://nats.xing.com</a>	63.140.40.147
<a href="https://sb.scorecardresearch.com">https://sb.scorecardresearch.com</a>	173.223.71.213
<a href="https://box.xing.com">https://box.xing.com</a>	109.233.153.75
<a href="https://script.ioam.de">https://script.ioam.de</a>	91.215.101.35
<a href="https://de.ioam.de">https://de.ioam.de</a>	91.215.103.65
<a href="https://ssl-static.vinsight.de">https://ssl-static.vinsight.de</a>	88.221.17.90
<a href="https://tracker.vinsight.de">https://tracker.vinsight.de</a>	54.76.72.76



# Register now!

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- Preconference Day – Mittwoch 17. Juni 2015  
IPv6 Workshop: Build it, Use it  
mit Jeff Carrell, Hands-On
  
- IPv6 Business Konferenz – Donnerstag 18. Juni 2015
  
- Postconference Day – Freitag 19. Juni 2015  
IPv6 Interactive Addressing Workshop with Practical Hands-on  
Labs  
mit Jeff Carrell, Hands-On, Build your own lab and take it home



# Workshops by Jeff Carrell



Do you have  
something more  
casual? – SURE  
;-)



# Jeff Carrell Short Bio

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Jeff Carrell is Network Consultant at Network Conversions. He is a frequent industry speaker, freelance writer, IPv6 Forum Certified Trainer, network instructor, and course developer to major networking manufacturers.

He regularly speaks at conferences such as Rocky Mountain IPv6 Summit in Denver, Sharkfest, GogoNet, Troopers, IPv6 World Congress in Paris.

And now he is coming to Switzerland first time (we hope)....

# Vor der Konferenz up to speed

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- Nächster IPv6 Kurs bei Digicomp
  - 3 Tage mit Hands-On
  - Instruktor Jasper Bongertz
- 
- 3. – 6. Juni
  - Details und Registration:  
<https://www.digicomp.ch/de/weiterbildung/it-professionals/network-security/network-und-telecom/ipv6-hands-on>
  - Kurscode für Sucheingabe: IPH



# Our sponsors

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## Platinum

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## Gold Sponsor



## Silbersponsoren



## Patronat:



# Thema heute abend

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**Konfusion um die Router Flags –**  
Widersprüchliches Verhalten von Betriebssystemen im  
SLAAC/DHCPv6 Umfeld

Mit Enno Rey, ERNW

# Thank you for your participation

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Questions ?

And please join us for a drink  
and snacks afterwards

