

Network neutrality, motherhood and apple pie

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Outline

- What is in network neutrality?
- Why should or shouldn't we be concerned?
- What remedies are being put in place?
 - In the US
 - In the EU
- Recommendations

What is in network neutrality?

- Why is network neutrality an issue *now*?
 - ISPs moving away from best-effort network management model
 - Short-term view: network management issues
 - Longer-term view: differentiated QoS
- What is in network neutrality?
 - Blocking
 - Discrimination – Many meanings
 - Differentiated QoS

Why should or shouldn't we be concerned?

- Can competition do the trick?
 - Consumer side
 - Content provider side
 - Fundamental rights dimension
- Blocking and discrimination
 - Can be addressed via competition law
 - Need robust enforcement
 - Use sector-specific regulation if needed
- Differentiated QoS
 - No case against it (yet), therefore...
 - But internal market dimension: firms and Member States
 - Unsung benefits and unseen externalities

What remedies are being put in place?

- In the USA: *Open Internet Order* by FCC
 - Transparency, 'no blocking', 'no unreasonable discrimination'
 - Discrimination defined broadly
 - Specialized/managed services vs. best-effort Internet
 - In the end: no innovation unless *ex ante* allowable...
- In the EU: 2009 Review
 - Measures to enhance transparency
 - Minimum QoS as last resort
 - Member States starting to enact further-reaching legislation...

Recommendations

- Strengthen resources to police blocking and anti-competitive discrimination, via competition law or sector-specific regulation
 - Stick to European regulatory approach
 - Avoid US-inspired technological categories
- Keep the longer-term perspective open
 - Exploit potential for European leadership in innovation
- Monitor closely potential threats to the internal market
 - Watch out for scale
 - Keep Member States on the same line
 - Use standardization procedures if and when necessary