

Swedish IT Policy with a new regime

Maria Häll,

Division for IT Policy, Ministry of Enterprise, Energy and Communications

Patrik Fältström,

Cisco Systems

RIPE 54 Meeting, Tallinn, May 7, 2007

What has happened?

- **National election – September 17, 2006**
- **New regime in Sweden**
- **Assignment of the IT policy Strategy group ended October 31, 2006**
- **Reorganisation of the Government Offices**
- **Focus on employment, growth in all parts of Sweden and good market conditions**

Åsa Torstensson

Minister for Communications

Ministry of Enterprise, Energy and Communications



"Tomorrow's infrastructure must link people and regions in an efficient, energy-effective, environmental-friendly and safe manner. We must have a reliable infrastructure that provides for enterprise throughout the country."

Important IT-policy issues

- **Active dialogue with; market players, R&D, experts**
- **Regional and local growth using IT**
- **Focus on need and usability**
- **Clear and long-term broadband policy**
- **Regulation that is effective**

Proposals from the IT Policy Strategy group - Broadband working group – Oct 2006

- **Prioritize passive IT-infrastructure (optical fiber)**
- **Predictable and long-term regulation and public initiatives**
- **Security, robustness and trust – documentation, competent public procurement process (pay more for better things)**
- **Access networks**
 - For faster deployment, we (still) need broadband grants
 - Frequency allocation
- **Coverage of optical fiber**
 - Coverage as a measurable goal (documentation)
- **Services and products**
 - “Color coding” so it is easier for people to buy access products

What is happening now?

- **Change of the Electronic communication legislation to make it more effective (fewer appeals)**
- **Investigation – effective frequency allocation**
- **Cooperation for more effective deployment of passive IT infrastructure**
- **Proposal of a new Broadband Strategy - Report from our Telecommunication Agency, Feb 07**
 - Broadband coverage in all parts of Sweden - grants
 - Vertical separation of the old incumbent
 - Open networks
- **Investigation**
 - Conditions of vertical separation of the old incumbent
- **New broadband policy – broadband expansion**
- **Marking of access products - “Color coding”**

“Color coding” initiative

- **IT minister Åsa Torstensson wants marking of broadband connections - “color coding”**
- **From a consumer perspective**
- **In dialogue with the market players**
- **A market driven activity**
- **Stimulate better quality and effective competition**
- **Governments role?**







Marking of products

1. Is a service possible to access when moving around (nomadic use) or just locally?
2. What is needed from an Internet connection to be able to use a service?
3. What quality do an Internet connection have?

Marking is not in Mbps!

- Instead, simple *labels* are used, for example using animals:
 - 🐰 Rabbit (TV-like services)
 - 🐓 Rooster (Telephony-like services)
 - 🐷 Pig (Video conferencing)
 - 🐎 Horse (Online gaming)
 - 🐕 Dog (Traditional web/email)
 - etc

How the marking is used

- Each service is marked with an icon, for example, World of Warcraft has a 
- To use WoW, the Internet connection should also have a 
-  might cost €40/month, while 
(web/email) costs €25 and   is €45

Technical background

| | Bandwidth | Latency | Jitter | Loss |
|-----------------|-----------|-------------|-------------|-----------|
| Multimedia/VoIP | Medium | Important | Important | Moderate |
| Interactive | Low | Important | Moderate | Important |
| Data Transfer | High | Unimportant | Unimportant | Moderate |
| Web browsing | High | Unimportant | Unimportant | Moderate |

N 2006:14

Legal metrologi, tid och frekvens samt riksmätplatser

- Komitedirektiv 2006:106
- Robust and correct (known difference from UTC) time and frequency
 - Today there is no formal appointment of responsibility. There is also no responsibility for coordination of use of correct time and frequency for electronic communication.

Ju 2006:04

Trafikuppgiftsutredningen

- Kommitteredirektiv 2006:49
 - http://www.sou.gov.se/kommitteredirektiv/dir2006_49.pdf
- Who has communicated with whom at what time?
- Implementation of EU-directive
- Problem:
 - EU-Directive not technology neutral

Questions?

Maria Häll

maria.hall@enterprise.ministry.se

Patrik Fältström

paf@cisco.com