Internet para la sociedad

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Plan of presentation

- Internet infrastructure in Mexico
- Internet 2
- The ICANN experience
- UNAM-UNESCO Virtual Campus
  Observatory
- Concluding remarks

Internet infrastructure in Mexico

- User base: present estimate 3-4 M in Q4-01
  - Metric: same number as college students plus alumni
  - Metric: larger than number of newspaper readers
  - Metric: 11 M fixed telephone lines, 14 M cellular telephone contracts
- High urban concentration

Infrastructure - 2

- Backbone mostly in MEX-MTY-GDL "golden triangle"
- Cost per E1 approx. 7x U.S. Price
- Public wireless incipient
- Red Escolar 7,000 schools
- Telecenter initiatives incipient
- e-Mexico started

Infrastructure (3)

- Data centers started
- Competent young users & doers
- Boom and bust cycle 1999-2001
- Plan Nacional de Desarrollo 1995-2000
- New Plan Nacional de Desarrollo in process
- e-commerce incipient, growing

Internet challenges

- Access, diffusion
- Content, language, services
- Information culture

Internet 2

- Relive academia-government-industry virtuous cycle
- Bandwidth, QoS, multicasting, IPv6, other advanced features
- Universities, industry, govt. Participation
- Organization: CUDI, intl. relationships
- Achievements to date, and coming

The ICANN experience

- What is ICANN?
  - Technical coordination of IP addresses, domain names, protocol parameters
  - International, transparent, private sector self-regulation
  - Dependence and independence of US Govt.
  - Big business and little guys

ICANN (2)

- How does ICANN work?
  - DNSO, ASO, PSO, GAC, staff, Board
  - 7 constituencies of DNSO (+ GA)
    - non-commercial, BC, ISPCP, registrars, registries, intellectual property, ccTLD ("national domains")
  - Online, f2f, teleconferencing
  - Contracts, consensual agreements
  - Mandate from White and Green Papers

ICANN Achievements

- Verisign - Network Solutions agreements (including new, May 2001: release .org)
- Registrar competition
- Advance in Root Server administration
- Uniform Dispute Resolution Procedure for domain-name/trademark conflicts
  - Over 2,000 cases to date
  - Only 7 strongly questioned

ICANN achievements (2)

- At-Large membership and election
  - 150,000+ voters
  - international
  - over the Internet
  - elected 5 directors
- New gTLDs (.aero, .biz, .coop, .info, .museum, .name, .pro)

ICANN agenda (near future)

- Completion of ccTLD agreements
- Evaluate start-up operation of new gTLDs
- Process for additional gTLDs
- At-Large Study
- Move from governemental intervention

Virtual Campus Observatory

- UNAM - UNESCO - intl. experts panel
- Precedent UNESCO Information Society Observatory
- Comparison: more in-depth and "how-to"
- Alliances, forums
  - IRRODL
  - UNED, CUED-L
- Value as example

Concluding remarks

- Internet an absolute "must" in Mexico
- Roles of government, private, social, academic sectors
- Local contents and services
- B2C, G2C, C2C: "C" is CITIZEN, not "Consumer"
- Education and digital divide: role of universities

Links

- apisan@servidor.unam.mx
- www.cuaed.unam.mx
- www.icann.org
- www.isoc.org.mx