

InterNetWorks Initiative

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InterNetWorks

The purpose of the Internet Society's InterNetWorks initiative is to ensure that the Internet continues to perform with the reliability and growth that are its hallmarks—enabling end users worldwide to utilize the Internet for essential tasks that they freely choose. The initiative focuses on the continued operation of the Internet itself, taking a holistic approach to issues and opportunities in technology development and deployment for open networking.

Many network growth opportunities and issues cross boundaries and cut into competing interests. Existing and new players need to be brought to the community table to determine the best paths forward to keep the Internet open to everyone, everywhere.

ISOC's purposes in this initiative are to:

- Identify and help elaborate cross-boundary issues that impact the end user's quality of access, access to information, freedom to choose, and freedom to innovate.
- Promote resolution of competing issues through open dialogue and collaboration between involved entities in appropriate forums.
- Promote and validate the open collaborative Internet development model.

2008 Programmes

The InterNetWorks initiative focuses on the following major programmes.

Global Addressing Programme

The programme identifies challenges to global addressing (such as IPv4 free-address pool exhaustion and issues in deploying IPv6). It aims to define a future that supports continued global Internet addressability for IPv4 and IPv6 internetworking.

Common and Open Internet Programme

The programme identifies forces which are pushing the Internet towards implementations that fracture connectivity and create islands of users—adversely affecting global reachability. It aims to combat those forces by driving the development and acceptance of a modern understanding and consistent implementation of the Internet's unifying end-to-end principle.

Demonstrating the common and open Internet model in concrete, practical terms will drive understanding of the effectiveness of a local, bottom-up, and accessible methodology for Internet development. This program is committed to demonstrating that this model not only drove the initial success of the Internet, it continues to illuminate the best path forward.

Secure and Stable Infrastructure

This programme supports development and deployment of technologies for ensuring a stable and secure Internet infrastructure. While security and stability are matters of great interest to all communities and their governments, translating that interest into effective practices and deployed technologies consistent with the model of common and open internetworks remain a challenge. Hurdles include identifying appropriate, balanced responses to security and stability issues and encouraging adoption of key infrastructure technology despite a perceived lack of market drivers.

For more information, visit

<http://www.isoc.org/isoc/mission/initiative/internetworks.shtml>

A nonprofit organisation, the Internet Society was founded in 1992 as a leader in promoting the evolution and growth of the Internet. Through our members, chapters, and partners, we are the hub of the largest international network of people and organisations that work with the Internet. We work on many levels to address the development, availability, and technology of the Internet.

The Internet is critical to advancing economic growth, community self-reliance, and social justice throughout the world. Become a member of the Internet Society, and share this vision. For more information, visit <http://www.isoc.org>.

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