



InterNetWorks Initiative

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 focusses on the continued operation of the common and open Internet, taking a holistic approach to the issues and opportunities that drive network development and deployment.



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.

The Internetworking Initiative:

- Identifies and helps elaborate cross-boundary issues that impact the end user's access to information, quality of access, freedom to choose, and freedom to innovate.
- Promotes resolution of competing interests through open dialogue and collaboration among involved entities in appropriate forums.
- Promotes and validates the open and collaborative model of Internet development.

Programmes

The InterNetWorks initiative focuses on the following programmes.

Global Addressing Programme

Identify challenges to global addressing, such as the exhaustion of the IPv4 free-address pool and issues related to the deployment of IPv6. Define a future that supports continued global Internet addressability for IPv4 and IPv6 internetworking.

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Common and Open Internet Programme

Identify forces that push the implementations that fracture connectivity and create islands of users as well as adversely affect global reachability. Combat those forces by promoting modern understanding of the Internet's unifying end-to-end principle and by ensuring consistent implementation of network technologies. Demonstrate how that model not only drove the initial success of the Internet but also how it continues to illuminate the best path forward.



Secure and Stable Infrastructure

Support development and deployment of technologies that ensure 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 technologies that are consistent with the model of common and open internetworks remains 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.

AlterNetives

Identify the impacts of alternative networks, such as mobile data networks and sensor networks, as well as the requirements those networks impose and the opportunities they provide for future Internet development.

For more information, visit <http://www.isoc.org/internetworks>



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

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