The Internet Way of Networking

Critical properties of the healthy Internet

Internet Society

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Five Critical Properties of IWN
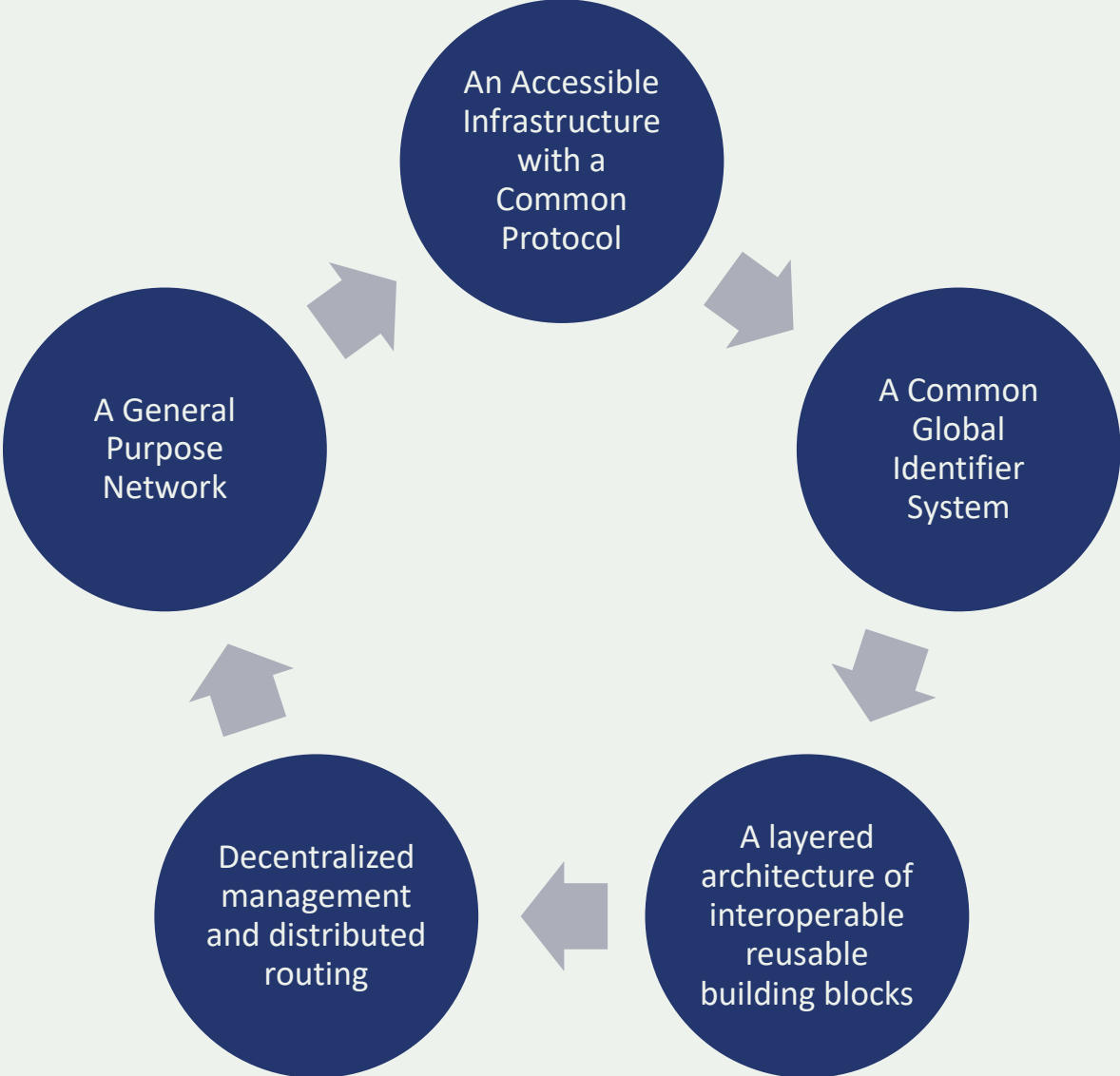
Five critical properties and their benefits

Critical Property	Benefits to the Internet Community
An Accessible Infrastructure with a Common Protocol ~~which~~ that is open and has low barriers to entry.	Unrestricted access and common protocols deliver global connectivity, and encourage the network to grow. As more and more participants connect, the value of the Internet increases for everyone.
An Open Architecture of Interoperable and Reusable Building Blocks based on open standards development processes, which are voluntarily adopted by a user community	Open architecture creates common interoperable services, which deliver fast and permissionless innovation everywhere. The user-driven nature of standardization and adoption ensures that useful changes are adopted, while unnecessary ones disappear.
Decentralized Management and a Single Distributed Routing System which is scalable and agile.	Distributed routing delivers a resilient and adaptable network of autonomous networks, allowing for local optimizations while maintaining worldwide connectivity.
Common Global Identifiers which are unambiguous and universal	A single identifier set delivers consistent addressability and a coherent view of the entire network, without fragmentation or fractures
A General Purpose Network which is simple and adaptable	Generality delivers flexibility. The Internet continuously serves a diverse and constantly evolving community of users and applications, and does not require significant changes to support this dynamic environment.

Internet Society Impact Assessment toolkit

How do you know if a policy, technology, or trend will impact the foundation that makes the Internet work for everyone?

The Internet Impact Assessment Toolkit Use Cases show how the critical properties of the Internet can be used as a compass to ensure regulatory proposals, technology developments, and trends support an Internet that works for everyone.

Thank you.

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