Bangladesh's Internet Resilience Shows Promising Growth, Internet Society Pulse Country Report 2024 Reveals

20 March 2025, Dhaka: Bangladesh is emerging as a digital frontrunner in South Asia, making significant progress in Internet resilience, according to new data released by the Internet Society.

The Internet Society's latest Pulse Internet Resilience Index highlights that **Bangladesh's Internet resilience score has increased from 46% in 2019 to 54% in 2023**, ranking second in South Asia and 52nd globally. This positive trend demonstrates the country's commitment to strengthening its digital infrastructure and providing more reliable access to essential online services such as education, healthcare, and economic opportunities.

"The Bangladesh Internet community's strong collaborative history has been critical to improving the country's infrastructure and performance to enable the digital development policies our government is putting in place," says **Mohammad Kawsar Uddin, Vice President of the Internet Society Bangladesh Chapter**.

On rising Internet resilience in Bangladesh, Uddin said, "With 33 data centres, eight active IXPs, and over 99% of the population with access to at least one device with 4G mobile Internet, strong foundations have been laid to continue improving Internet access and security across the country, enabling everyone to take advantage of the social and economic benefits that strong, resilient, and stable Internet brings."

According to Internet Society Pulse, South Asia's overall Internet resilience score now stands at 44%, reflecting a two-percentage-point increase between 2022 and 2023—the latest data available. Bhutan leads the region with a score of 55%, followed by Bangladesh (54%), India (51%), the Maldives (49%), and Nepal (45%).

As the individual country reports show, these changes are driven by multiple factors, including investment in Internet infrastructure and security, usage of IPv6, enabling policies, and growing collaboration among governments, technology providers, and local communities. An equally contributing factor is the amount of popular content accessed through in-country servers and caches

Bangladesh currently accesses 69% of its 1,000 most popular websites locally, a step towards reducing reliance on costly international links. India has the highest percentage of the 1,000 most popular websites that its Internet users access locally (80%), followed by Nepal (76%). Afghanistan and Sri Lanka access between 81—77% of all their most popular content from outside the region.

Michuki Mwangi, Internet Society Distinguished Technologist for Internet Growth, said, "Hosting popular content and local digital services within countries is a cost-effective way to improve Internet performance and resilience. The savings from not having to pay for international connections can be reinvested into the network or passed on to Internet users."

The Internet Society is working with local partners across the region to increase the percentage of locally cached content to 50% by the end of 2025. Data centres and Internet Exchange Points (IXPs) are key to this effort, helping store content closer to end users and creating shorter, more direct routes for Internet traffic instead of sending and receiving it via expensive international links.

IXPs are Internet intersections, where networks connect locally to exchange traffic and help make the Internet faster and more affordable.

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About the Internet Society
Founded in 1992 by Internet pioneers, the Internet Society is a global charitable organization working to ensure that the Internet is for everyone. Through its community of members, special interest groups, and 130+ chapters around the world, the organization defends and promotes Internet policies and technologies that keep the Internet open, globally connected, and secure.

About the Internet Society Pulse
Launched in December 2020, Internet Society Pulse consolidates trusted third-party Internet measurement data from various sources into a single platform. We use the data presented here to examine Internet trends and tell data-driven stories so that policymakers, researchers, journalists, network operators, civil society groups, and others can better understand the **availability, evolution, and resilience** of the Internet.

Internet Society Pulse:

- Helps everyone better understand the rate of adoption of key new and enabling Internet technologies, helping to identify where more efforts are needed to drive increased adoption.
- Enables journalists to leverage data and graphics to support coverage of relevant Internet-related topics and events.
- Provides policymakers with relevant statistics, data, and context to support their positions and/or influence policy development, especially around Internet shutdowns and local infrastructure resiliency.
- Provides civil society, network operations, and Internet users insight into the availability, reliability, and resilience of local and global Internet infrastructure.

Visuals
The following links have graphs that can be downloaded or embedded into stories:

1. Internet Resilience Index Scores, South Asia, 2023
   https://public.flourish.studio/visualisation/21955891
2. Internet Resilience Index Scores, South Asia, 2019-2023
   https://public.flourish.studio/visualisation/21955815
3. Internet Resilience Index Scores, Top 20 countries globally
   https://public.flourish.studio/visualisation/21955870