IPv6 Forum Launches SRv6 Ready Logo Certification Program

Silver Certification (Phase-1) to Launch in January 2025,

Gold Certification (Phase-2) to Follow in March 2025

January 14, 2025

The IPv6 Forum is excited to announce the launch of the SRv6 Ready Logo certification program, an initiative aimed at ensuring products meet the highest standards of Segment Routing over IPv6 (SRv6) technology. The program will be introduced in two distinct phases to accommodate the needs of product developers and the broader technology ecosystem.

Scheduled for launch in January 2025, the Phase-1 of the program i.e., the Silver certification, focuses solely on Conformance Testing. Products will be evaluated based on compliance with key SRv6 standards and specifications, including RFC 8402, RFC 8754, and RFC 8986. Testing will be conducted by IPv6 Forum-approved labs, ensuring a rigorous assessment of products' adherence to these standards.

The second phase, launching in March 2025, will introduce the Gold certification, which includes both Conformance and Interoperability Testing. This phase is designed to validate not only the compliance of products with SRv6 specifications but also their ability to interoperate seamlessly with other certified devices in real-world scenarios.

SRv6 is a critical technology in modern networking due to its ability to simplify network operations, enhance scalability, and support advanced use cases like network slicing and 5G. By leveraging the native capabilities of IPv6, SRv6 eliminates the need for complex MPLS (Multiprotocol Label Switching) protocols, streamlining the deployment and management of large-scale networks. As industries adopt 5G and IoT, SRv6 is set to play a pivotal role in providing the agility and flexibility needed to meet evolving connectivity demands.

Products that successfully pass these tests will be awarded the prestigious SRv6 Ready Logo, a mark of quality and trust for vendors and end-users alike.

IPv6 Forum President, Prof. Latif Ladid, emphasized the importance of the program, stating: "The SRv6 Ready Logo program is a pivotal step in accelerating the adoption of SRv6 technologies across industries. By providing a clear, trusted certification path, we aim to promote innovation while ensuring compatibility and reliability in SRv6 deployments."

The SRv6 Ready Logo program will provide manufacturers with a critical opportunity to demonstrate their products' readiness for the next generation of networking, ensuring a smooth transition to a fully IPv6-enabled future. Additionally, the certification will allow telecom operators and broadband service providers to easily identify SRv6-ready devices, simplifying their decision-making processes and supporting their SRv6 deployment plans with confidence.

For more information about the program and testing requirements, please visit the IPv6 Ready Logo website or contact an approved test lab. www.ipv6ready.org

About IPv6 Forum

The IPv6 Forum is a not-for-profit, world-wide consortium of international Internet Service Providers (ISPs) and National Research & Education Networks (NRENs), with a mission to promote IPv6 by improving market and user awareness, creating a quality and secure New Generation Internet and allowing world-wide equitable access to knowledge and technology. The key focus of the IPv6 Forum today is to provide technical guidance for the deployment of IPv6. IPv6 Summits are organized by the IPv6 Forum and staged in various locations around the world to provide industry and market with the best available information on this rapidly advancing technology. Please visit http://www.ipv6forum.com