



## NOTICE

### **PUBLIC CONSULTATION REPORT ON THE PROPOSED WAY FORWARD ON 100% ADOPTION OF AND COMPLETE MIGRATION TO INTERNET PROTOCOL VERSION 6 (IPv6) IN MALAYSIA**

**CYBERJAYA, 3 April 2025** — In accordance with the Public Consultation (PC) titled The Proposed Way Forward of 100% Adoption and Complete Migration to IPv6 in Malaysia, conducted from 2<sup>nd</sup> October 2024 to 30<sup>th</sup> November 2024, Malaysian Communications and Multimedia Commission (MCMC) has published a PC report summarising the submissions received. The report outlines key findings, addresses stakeholder concerns, and presents further recommendations to facilitate the full adoption of IPv6.

The feedback received varies, with the majority expressing the need for an extension of the proposed timeframe. Key concerns cited included infrastructure readiness, financial constraints for upgrades, and the relatively low global adoption of IPv6. In response to this feedback, the initial approach and proposed way forward were reassessed and adjusted accordingly as follows:

1. Revising the proposed timeframe from 31 December 2028 to 31 December 2030 considering, among others, the following:
  - a. the state of global IPv6 adoption is currently below 50%;
  - b. while the NSPs are ready, external networks, enterprises, and users still require time to fully transition;
  - c. extending the deadline to 2030 allows for stronger capacity-building efforts, public awareness campaigns and technical training programmes; and
  - d. reduce the risk of service interruptions, ensure a seamless migration without forcing premature IPv4 decommissioning, and maintain reliability.
2. Establishing an IPv6 Adoption Task Force to produce a feasible implementation plan to among others, address and assess infrastructure readiness, identify challenges, recommend solutions, evaluate timelines, and propose awareness and capacity-building initiatives for effective IPv6 adoption. The task force is expected to be established within second quarter of 2025 to deliver a feasible and

implementable plan to achieve 100% IPv6 adoption within the stipulated timeframe.

The proposed way forward and timeframe are crucial to enable MCMC and the Task Force to assess and address a broad range of issues before making the final policy decision on Malaysia's 100% IPv6 adoption.

MCMC has also developed a Frequently Asked Questions (FAQs) document to address additional inquiries regarding the 100% IPv6 adoption. The FAQ is available at the following URL: <https://mcmc.gov.my/en/faqs/proposed-way-forward-on-100-adoption-of-and-compl>

For further inquiries, kindly contact:

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