

**GOVERNMENT OF INDIA  
COMMUNICATIONS AND INFORMATION TECHNOLOGY  
LOK SABHA**

UNSTARRED QUESTION NO:3424  
ANSWERED ON:16.03.2011  
NEW INTERNET PROTOCOL  
Kumar Shri P.;Sivasami Shri C.

**Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:**

- (a) whether the Government proposes to introduce a new Internet Protocol in the country;
- (b) if so, the details thereof and the benefits likely to accrue as a result thereof; and
- (c) the time by which it is likely to be introduced?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (SHRI SACHIN PILOT)

- (a) The Government has decided to implement the new Internet Protocol Version 6 (IPv6) in the country, as the IP Addresses based on the existing Internet Protocol Addresses version 4 (IPv4) are on the verge of exhaustion.
- (b) The Government has already released "National IPv6 Deployment Roadmap" in July, 2010. The likely benefits include meeting out the shortage of Internet Protocol addresses in the country, proliferation of new and advanced IPv6 based applications in various sectors.
- (c) Internet Protocol Version 6 (IPv6) has already been introduced by some of the Telecom Service Providers in the country. However, the IP Addresses based on both versions (IPv4) and (IPv6) are likely to co-exist for some more time in the country.