

**GOVERNMENT OF INDIA
MINISTRY OF HOME AFFAIRS**

**LOK SABHA
UNSTARRED QUESTION NO. 454**

TO BE ANSWERED ON THE 19TH JULY, 2022/ ASHADHA 28, 1944 (SAKA)

THREAT OF CYBER ATTACKS

454. DR. NISHIKANT DUBEY:

Will the Minister of HOME AFFAIRS be pleased to state:

(a) whether there has been an increasing threat of cyber attacks in the country;

(b) if so, the details of cyber attacks reported during the last three years and the current year; and

(c) the details of action taken by the Government for countering cyber attacks?

ANSWER

**MINISTER OF STATE IN THE MINISTRY OF HOME AFFAIRS
(SHRI AJAY KUMAR MISHRA)**

(a)& (b): As per the information reported to and tracked by Indian Computer Emergency Response Team (CERT-In), a total number of 394499, 1158208, 1402809 and 674021 cyber security incidents were observed during the year 2019, 2020, 2021 and 2022 (upto June), respectively.

(c): Government has taken following measures to enhance the cyber security posture and prevent cyber attacks:

- (i) Government issues alerts and advisories regarding latest cyber threats/vulnerabilities and countermeasures to protect computers and networks on regular basis.**

- (ii) Government is operating an automated cyber threat exchange platform for proactively collecting, analyzing and sharing tailored alerts with organizations across sectors for proactive threat mitigation actions by them.**
- (iii) Government has issued guidelines for Chief Information Security Officers (CISOs) regarding their key roles and responsibilities for securing applications / infrastructure and compliance.**
- (iv) All the government websites and applications are audited with respect to cyber security prior to their hosting. The auditing of the websites and applications is conducted on a regular basis after hosting also.**
- (v) Government has empanelled 97 security auditing organisations to support and audit implementation of Information Security Best Practices.**
- (vi) Government has formulated a Cyber Crisis Management Plan for countering cyber attacks and cyber terrorism for implementation by all Ministries/ Departments of Central Government, State Governments and their organizations and critical sectors.**
- (vii) Government is regularly conducting cyber security mock drills to enable assessment of cyber security posture and preparedness of**

organisations in Government and critical sectors; workshops for Ministries, Departments, States & UTs and organizations to sensitise them about the cyber security threat landscape and enable them to prepare and implement the Cyber Crisis Management Plan (CCMP); and Government also conducts training programmes for network / system administrators and Chief Information Security Officers (CISOs) of Government and critical sector organisations regarding securing the IT infrastructure and mitigating cyber attacks.

(viii) Government is operating the Cyber Swachhta Kendra (Botnet Cleaning and Malware Analysis Centre). The centre is providing detection of malicious programs and free tools to remove the same.

(ix) Government has set up the National Cyber Coordination Centre (NCCC) to generate necessary situational awareness of existing and potential cyber security threats. Phase-I of NCCC is operational.

(x) CERT-In co-operates, works and coordinates incident response measures with international CERTs, overseas organisations and service providers as well as Law Enforcement Agencies.
