Integrated Cyber Security Approach

What is the issue?

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- India is growing at a rapid phase in Information and communication technology sector.
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- So we need an integrated cyber-security approach to address growing concerns.
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What is India’s share in digital tech?

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- India is one of the key players in the digital and knowledge-based economy.
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- We hold more than a 50% share of the world’s outsourcing market.
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- India is world’s 3rd largest hub for technology-driven start-ups in the world.
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- Its ICT sector is estimated to reach the $225 billion landmark by 2020.
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- India has successfully implemented initiatives such as Aadhaar, MyGov, Government e-Market, DigiLocker, Bharat Net, etc.
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What is the status of India in terms of cybersecurity?

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- Increasing digital integration in commerce and governance made India the 5th most vulnerable country in the world in terms of cyber security breaches.
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- Till June 2017, 27,482 cybersecurity threats had been reported in the

country, according to the Indian Computer Emergency Response Team's (CERT) report.
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- In India, in May 2017, a data breach at the food delivery App, Zomato, led to personal information of about 17 million users being stolen and put for sale on the Darknet.
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- Similarly, hackers stole data from 57 million Uber riders and drivers.
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- There are rising number of viruses and malwares are also being developed, which gives the attackers cross-platform options.
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What are the measures taken by India?

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- India has ranked 23 out of 165 nations in the commitment of nations to cyber security, which is a significant achievement .
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- India is planning for an integrated cybersecurity policies and frameworks and creating adequate infrastructure to tackle cyber threats.
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- To address the rising cyber threats in India, the nation had hosted 15th Asia Pacific Computer Emergency Response Team conference and 5thGlobal Conference on Cyberspace 2017 in Delhi.
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- In the recent summits India reaffirmed a global call to action for all United Nations member nations to not attack the core of the Internet even when in a state of war.
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- The government is keen to fund cybersecurity research, it announced that it will award a grant worth Rs. 5 crore to start-ups working on innovations in the field of cybersecurity.
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Source: The Hindu

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