



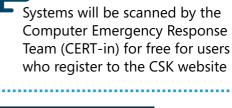


cleaning and secure systems of end-users

Notify, enable



Will work in coordination with the internet service providers (ISPs)



regarding botnet and malware infection along with measures to be taken to secure their devices

Will enhance awareness



security

Will promote start-ups

in cyber-attack

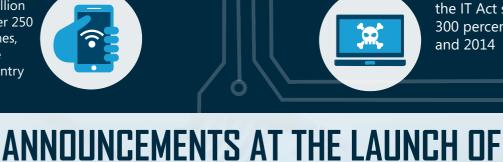


NEED



people online, over 250 million smartphones, one billion mobile phones in the country

There are half a billion





country registered under the IT Act surged nearly 300 percent between 2011 and 2014

Cyber crime cases in the

CYBER SWACHHTA KENDRA







Sectoral CERTs to be created, that would operate under CERT-In. CERTs are to be set up



authority to establish cyber-crime

Empower designated Forensic

Labs to work as the certified

reduced by 50% KEAZONZ FOK INCKFAZING CARFK VITACKZ

10 more STQC (Standardisation Testing and Quality

Certification) Testing Facilities to be set up. Testing

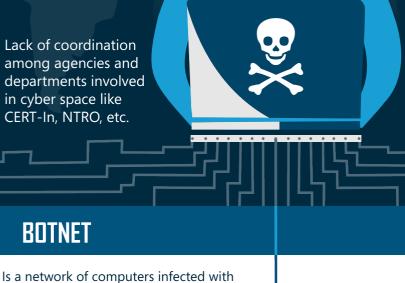
fee for any start-up that comes up with a digital

technology in the quest of cyber security, to be

of geography Increased Penetration









No national security

architecture that can assess the nature of cyber threats and respond effectively

> cyber crimes lack of IT skilled manpower

Borderless: The cyber world has no barriers





"Malware" is short for "malicious

software" - computer programs

computers without the users

consent.

designed to infiltrate and damage



BOTNET



malware without the user's knowledge

typically used to send spam emails,

transmit viruses and engage in other

and controlled by cybercriminals. They're



Free Bot Removal Tool: It's a Quick Heal partner tool



tablets

the desktop





WHAT COULD BE DONE?

hard disks, etc

USB(s), memory cards, external

USB Pratirodh: It is a USB protector to help clean various external storage devices like

Immediate focus on increasing the trained workforce to manage Implement measures suggested by National



Cyber Security 2013

like China

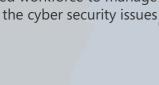
India should build its

which developed nations such as

USA are following

ownoffensive team



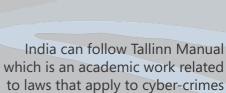




Institutional measures such as setting up Indian Cyber Crime Coordination Centre, National



Concept of air gapping which isolate the critical infrastructures from the internet should be used



Cyber Security Agency that can coordinate with various agencies India can follow Tallinn Manual which is an academic work related



coordination among all the stake holders vis-a-vis corporates, government, NGOs, etc. Recently Ground Zero Summit held to discuss the challenges in cyber security

India should persuade at global forum for depleting the use of cyber weapons similar to thatof NSG

