इलेक्ट्रॉनिकी एवं
सूचना प्रौद्योगिकी मंत्रालय
MINISTRY OF
ELECTRONICS AND INFORMATION TECHNOLOGY

सत्यमेव जयते

STAY SAFE ONLINE
ऑनलाइन सुरक्षा कवच

आज़ादी का अमृत महोत्सव

Internet Safety Awareness Booklet

for Digital Nagriks and Digital Enterprises

by

Indian Computer Emergency Response Team

certin
Enhancing Cyber Security in India

On the occassion of

Safer Internet Day
(6th February 2024)

"Security is our first priority"

Index

Preface

The Indian Computer Emergency Response Team (CERT-In) is a Government Organization under Ministry of Electronics and Information Technology (MeitY), Government of India established with the objective of securing Indian cyber space. CERT-In provides Incident Prevention and Response services as well as Security Quality Management Services.

CERT-In has been designated to serve as national agency for incident response under Section 70B of the Information Technology Act, 2000 (Amendment 2008). As part of services of CERT-In, for creation of awareness in the area of cyber security as well as training/ upgrading the technical knowhow of various stakeholders, CERT-In is observing the Safer Internet Day on 6th February 2024 .

This Internet Safety Awareness Booklet for Digital Nagriks and Digital Enterprises is released as a part of CERT-In's awareness initiatives to educate the users on the best practices that needs to be followed for using the internet in a safe and secure manner .

Online Shopping Best Practices

Best Practices

- Always visit trusted websites to do your online shopping.
- Keep your device secured with antivirus, anti-malware solutions.
- Keep track of your digital payments.
- Check the security aspects of the website, such as whether the site is secured with https//: or a padlock on the browser address bar.
- Never respond to emails that ask about your personal information and account details.
- Change your passwords frequently.
- Always use a secured internet connection.
- Avoid using public Wi-Fi for doing financial transactions.
- Don't click on suspicious links offering discounts or prizes that seems too good to be true.

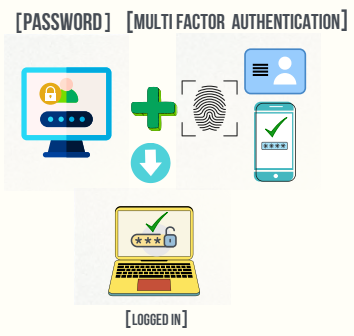
E-mail Best Practices

Tips for E-mail Safety

Always use e-mail filtering software to avoid spam so that only messages from authorized users are received.

Avoid opening links/attachments from unknown sources as they may be malicious .

Regularly scan your system with updated antivirus and anti-malware software.



Enable Multi-Factor Authentication

Avoid filling of forms that comes via unsolicited email or clicking on links in emails received from untrusted sources.

Emails or messages that create a sense of urgency is a warning!

Browser Best Practices

Best Practices

- Always update your web browser with the latest patches.
- Disable pop-up windows in your browser.
- Delete browser cookies and cache regularly.
- Enable private browsing or incognito mode.
- Be careful with the websites/links you visit.
- Expand shortened URLs and verify them before clicking.
- Use privacy or security settings that are inbuilt into the browser.
- Disable the login and password remember option.
- Enable warn the user option when websites try to install extensions or themes.
- Enable "Safe Search" ON in Search Engines.

Social Media Best Practices

Best Practices

- Avoid sharing your personal information like address, mobile number, personal mail id and other sensitive identity related information on social media.
- Do not share your personal pictures online publicly on social media accounts.
- Never accept friend requests without appropriate verification and confirmation.
- Never click on suspicious links or download any app recieved through messages until you verify the authenticity of the source.
- Use different passwords for different social media accounts and emails.
- Enable multi-factor authentication for social media accounts.
- Disable profile visibility from public searches.
- Log out after each session.
- Never share social media credentials with any one.
- Keep the privacy settings of social media profile at most restricted level, especially for public viewing.
- Apply maximum caution while sharing photographs, videos, status, comments etc. Criminals may collect enough information about users from the posts and profile of the users.

Mobile Phone Best Practices

Best Practices

- Use updated antivirus and anti-malware software.
- Use updated Operating system.
- Always download apps from playstore or appstore.
- Do not download apps from third party websites or links received through messages or chats.
- Enable only necessary permissions for apps.
- Do not click on any suspicious link received from strangers.
- Do not share your OTP received for any application with anyone.
- Enable Multi-Factor Authentication whenever possible.
- Always keep your phone locked if not in use.
- Avoid USB charging in public places.

Aadhaar Best Practices

Best Practices

- Lock your biometrics through the m-Aadhaar app/ UIDAI portal to prevent unauthorized access to your account details.
- Use Virtual ID (VID) or Masked Aadhaar to avoid disclosure of Aadhaar number.
- Link your aadhaar data to your mobile number to get alert of any activity.
- Keep your digital aadhaar copies secure.
- Do not share your aadhaar details, OTP to strangers.
- Avoid saving your digital aadhaar in Public computers.
- Delete aadhar information/copies from public computers, once your work is completed.

Desktop Best Practices

Best Practices

- Use genuine operating systems and software.
- Keep your operating system updated.
- Install anti-virus and anti-malware solutions.
- Keep your antivirus and anti-malware solutions updated.
- Use strong login password and change them periodically.
- Regularly take backups of your important files and data.
- In-case of incidents such as hardware failure, or cyberattacks, having backups can help you restore important information.
- Maintain multiple copies of critical data in different locations to prevent loss in case of disasters.
- Periodically test and verify your backups to ensure they can be used for restoration when needed.

Awareness Materials

Guidelines:

Guidelines on Information Security Practices for Government Entities

Visit: ***https://www.cert-in.org.in/PDF/guidelinesgovtentities.pdf***

Guidelines for Secure Application Design, Development, Implementation & Operations

Visit: ***https://www.cert-in.org.in/PDF/Application_Security_Guidelines.pdf***

Advisories:

Visit : ***https://www.cert-in.org.in***

CERT-In Advisory CIAD-2024-0006 : Securing Social Media Accounts

CERT-In Advisory CIAD-2022-0003 : Securing Twitter Accounts

CERT-In Advisory CIAD-2022-0026 : Password Management and Security

Awareness Booklet:

Visit: ***https://www.cert-in.org.in/PDF/CSA_Booklet.pdf***

CYBER SWACHHTA KENDRA

Security Tools

Free Bot Removal Tool- For Microsoft Windows

- **eScan Antivirus**
- **K7 Security**
- **Quick Heal**

Free Bot Removal Tool - For Android

- **eScan Antivirus**

Free Mobile Security Application - For Android

- **M-Kavach 2**

Other Relevant tools:

- **USB Pratirodh**
- **AppSamvid**
- **Browser JSGuard**

Scan Me

Report Cyber Security Incident to CERT-In

For reporting Cyber Security Incidents to CERT-In:

Visit website: ***https://www.cert-in.org.in***

Email: ***incident@cert-in.org.in***

Toll Free Phone: ***+91-1800-11-4949***

Toll Free Fax: ***+91-1800-11-6969***

Information Desk

Phone: ***+91-11-24368551***

Fax: ***+91-11-24368546***

For Reporting Cyber Fraud & Crime to I4C:

Visit website: ***https://www.cybercrime.gov.in***

Call : ***1930***

For reporting Vulnerabilities & Collaboration with CERT-In in the area of Cyber Security:

Visit website: ***https://www.cert-in.org.in***

Email: ***vdisclose@cert-in.org.in (Vulnerability disclosure)***
collaboration@cert-in.org.in (Collaboration)

Phone: ***+11-22902600*** *Ext:* ***1012, +91-11-24368572***

For Trainings/ Awareness programmes:

Email: ***training@cert-in.org.in***

Official social media handles of @IndianCERT

https://www.facebook.com/IndianCERT/

https://twitter.com/IndianCERT

https://www.kooapp.com/profile/IndianCERT

https://www.pixstory.com/user/indiancert/9280

https://www.instagram.com/cert_india/

Scan Me

www.cert-in.org.in

Scan Me

www.csk.gov.in