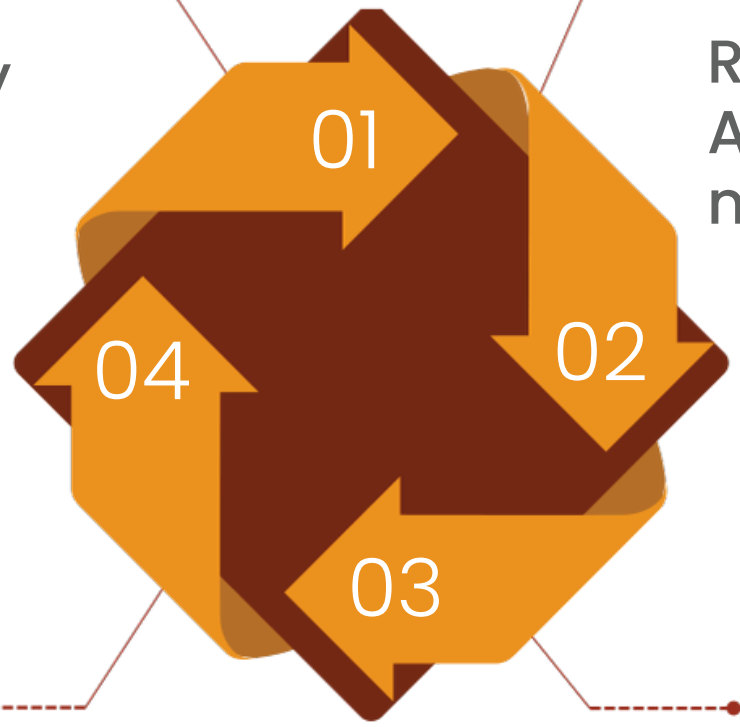
dpi **DEFENDERS**
PROTECTION INITIATIVE

We are dedicated to safeguarding your digital world. Our mission is to empower individuals and organizations in Uganda to navigate the complex landscape of civil society. With a commitment to transparency, capacity building, awareness, and innovation, we strive to be your trusted partner in securing your

digital future.

www.**defendersprotection**.org

WHAT WE DO



Capacity Building

Risk Assess-ments

Research & Advisory

Rapid Response

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Capacity Building

We develop the skills, knowledge, and resources necessary to enhance an individual or organization's ability to achieve their goals effectively and sustainably

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Risk Assessments

Organizations can gain valuable insights into potential threats and vulnerabilities, enabling them to make informed decisions and implement targeted mitigation strategies to minimize the impact of adverse events

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Rapid Response

This encompasses pre-planned procedures and agile decision-making to ensure the efficient and effective allocation of support in critical situations, thereby minimizing harm and facilitating the restoration of stability and safety

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Research & Advocacy

Civil society is seen as a way for people to cope with an ever larger, more bureaucratized society. Our research is about the way in which social movements, associations, media shapes the decisions that affect society with a particular focus on security

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TIPS FOR **DIGITAL SECUIRTY** & **SAFETY**

SET UP STRONG PASSWORDS

- Use a password manager to generate and store complex, unique passwords for each of your accounts.
- Change any weak or duplicate passwords to strengthen your security.

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PASSWORD MANAGERS:

- **LastPass:** A widely-used password manager that securely stores and manages passwords for your online accounts.
- **1Password:** Offers features like strong password generation, secure storage, and synchronization across devices.
- **Dashlane:** Provides password management, digital wallet, and identity protection features for secure online browsing.

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ENABLE TWO-FACTOR AUTHENTICATION (2FA)

- Go to the security settings of your online accounts and enable 2FA wherever available.

- Follow the specific instructions provided by each service to set up 2FA using authentication apps or SMS codes.

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TWO-FACTOR AUTHENTICATION (2FA) APPS:

- **Google Authenticator:** Generates timebased one-time passwords (TOTP) for 2FA authentication on various online accounts.
- **Authy:** Offers multi-device support and encrypted backups for secure 2FA authentication across devices.
- **Microsoft Authenticator:** Provides 2FA authentication for Microsoft accounts and other supported online services.

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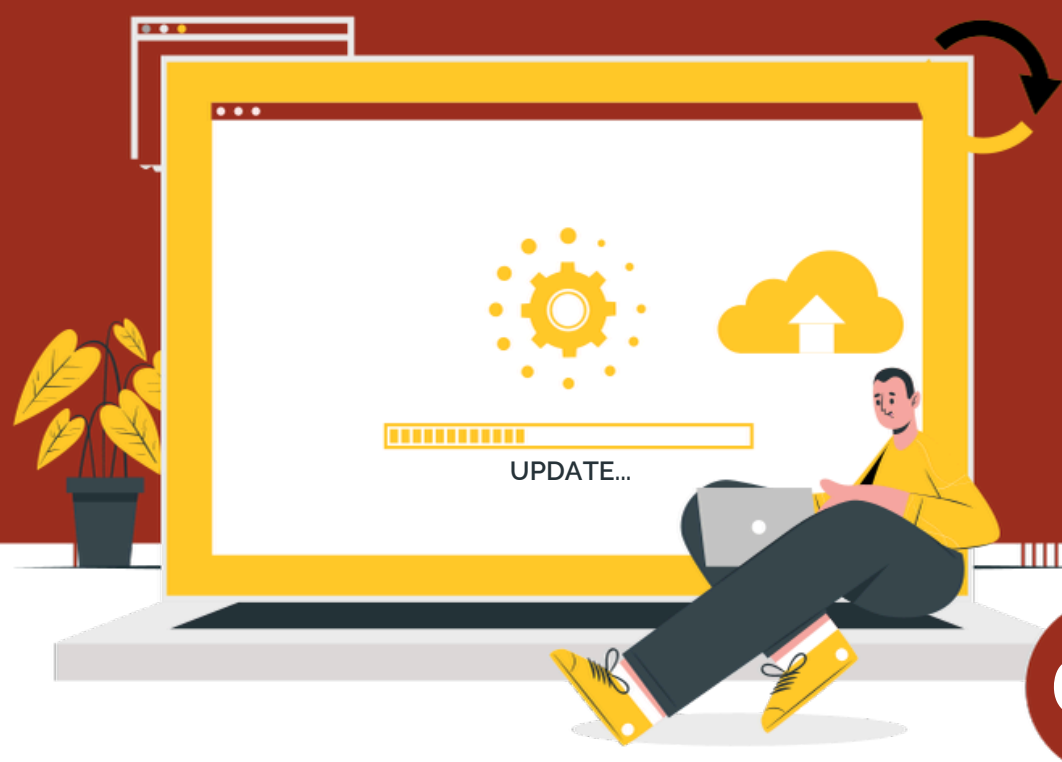
KEEP SOFTWARE UPDATED

- Check for software updates on your devices regularly and install them as soon as they become available.
- Enable automatic updates whenever possible to ensure you're always protected against known vulnerabilities..



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STEPS TO UPDATE: **Windows:**

- Go to setting>Windows Update (Check current version of Windows 11:Settings>System>About [Current version 23H2]
- **Mac:** Apple menu>System Settings>General>Software Update [macOS Sonoma, aka macOS 14.6]
- **Android:** Settings>Software Update/Aboutphone etc [current version Android 14]
- **iPhone:** Settings>General>Software Update[Current iOS 17.6.1]

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USE AN ANTIVIRUS/INTENRT SECURITY

- Install reputable antivirus software on your devices and perform regular scans to detect and remove malware.
- Secure your home Wi-Fi network by changing the default SSID and password, and enable encryption (WPA2 or WPA3).

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ANTIVIRUS & ANTIMALWARE SOFTWARE

- **Bitdefender:** Offers comprehensive antivirus and internet security solutions to protect against viruses, malware, and online threats.
- **Kaspersky:** Provides advanced antivirus protection, firewall, and internet security features for both personal and business use.
- **Norton Security:** Offers antivirus, malware protection, VPN, and identity theft protection services for various devices and platforms.

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PRACTICE SAFE BROWSING HABITS

- **Use a privacy**-focused web browser and consider installing ad blockers and tracking prevention extensions.
- Be cautious when visiting websites and only enter sensitive information on secure, encrypted sites (HTTPS).

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PRIVACY-FOCUSED WEB BROWSERS:

- **Mozilla Firefox:** Offers enhanced privacy features like tracking protection, password manager, and private browsing mode. **Brave Browser:** Focuses on privacy and security with built-in ad blocking, tracking prevention, and HTTPS Everywhere. **Tor Browser:** Provides anonymous browsing by routing internet traffic through the Tor network, offering enhanced privacy and anonymity.

SECURE FILE STORAGE

- Use encrypted file storage services for securely saving and sharing sensitive information.
- Practice password-protecting sensitive files and using secure methods for sharing attachments via email.

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FILE & DATA ENCRYPTION SOFTWARE

- **VeraCrypt:** An open-source disk encryption software that provides on-the-fly encryption for Windows, macOS, and Linux systems.
- **Bitlocker/FileVault:** OS built full disk encryption services to secure your files.
- **Tella:** secure phone storage for saving all media.

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SECURE FILE BACKUP & RESTORE

- Secure file backup involves creating duplicate copies of important data and storing them in a safe and reliable location.
- The restore process involves retrieving backed-up files from the storage location and reinstating them to their original or alternative location.

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FILE AND DATA BACKUP SOFTWARE

- **Google Drive:** Google Drive can be used as a secure backup and restore tool, providing a reliable cloud storage solution with built-in encryption and version history for safeguarding and retrieving important files.
- **Tesorit:** Tresorit offers a secure backup and restore solution with end-to-end encryption, ensuring the safety of your data during storage and retrieval, making it a reliable tool for protecting and recovering important files.
- **OneDrive:** OneDrive serves as a secure backup and restore tool, offering robust data protection features such as file versioning, ransomware detection, and encryption, making it a trusted solution for backing up and recovering files with peace of mind.

ALWAYS USE VPN FOR PUBLIC WIFI

- **Risks of unsecured networks:** This includes unknown and open networks/wifi (basically any network that doesn't belong to you)
- **Use of VPNs:** This is a service that encrypts your internet connection to protect your online privacy and security.
  Avoiding sensitive transactions on public Wi-Fi

VIRTUAL PRIVATE NETWORKS (VPNs)

- **Tunnelbear:** Offers secure and fast VPN servers worldwide, with features like ad blocking and malware protection.
- **ProtonVPN:** Provides a user-friendly VPN service with strong encryption, unlimited device connections, and additional privacy features.
- **Psiphon VPN:** Psiphon is a free and open-source Internet censorship circumvention tool that uses a combination of secure communication and obfuscation technologies

SECURE COMMUNICATIONS

» Stay safe and anonymous all through your mobile communications to avoid the **“man in the middle”** attacks

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SECURE MESSAGING AND EMAIL SERVICES:

- **Signal:** A private messaging app that offers end-toend encryption for secure text, voice, and video communication.
- **ProtonMail:** An encrypted email service that provides end-to-end encryption and zero-access encryption to protect user emails and data.
- **WhatsApp:** Offers end-to-end encrypted messaging and voice calls on Android and iOS devices, with features like disappearing messages and two-step verification for added security.

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TIPS FOR **DIGITAL SECUIRTY** & **SAFETY**

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CHAT WITH US SECURELY ON SIGNAL

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