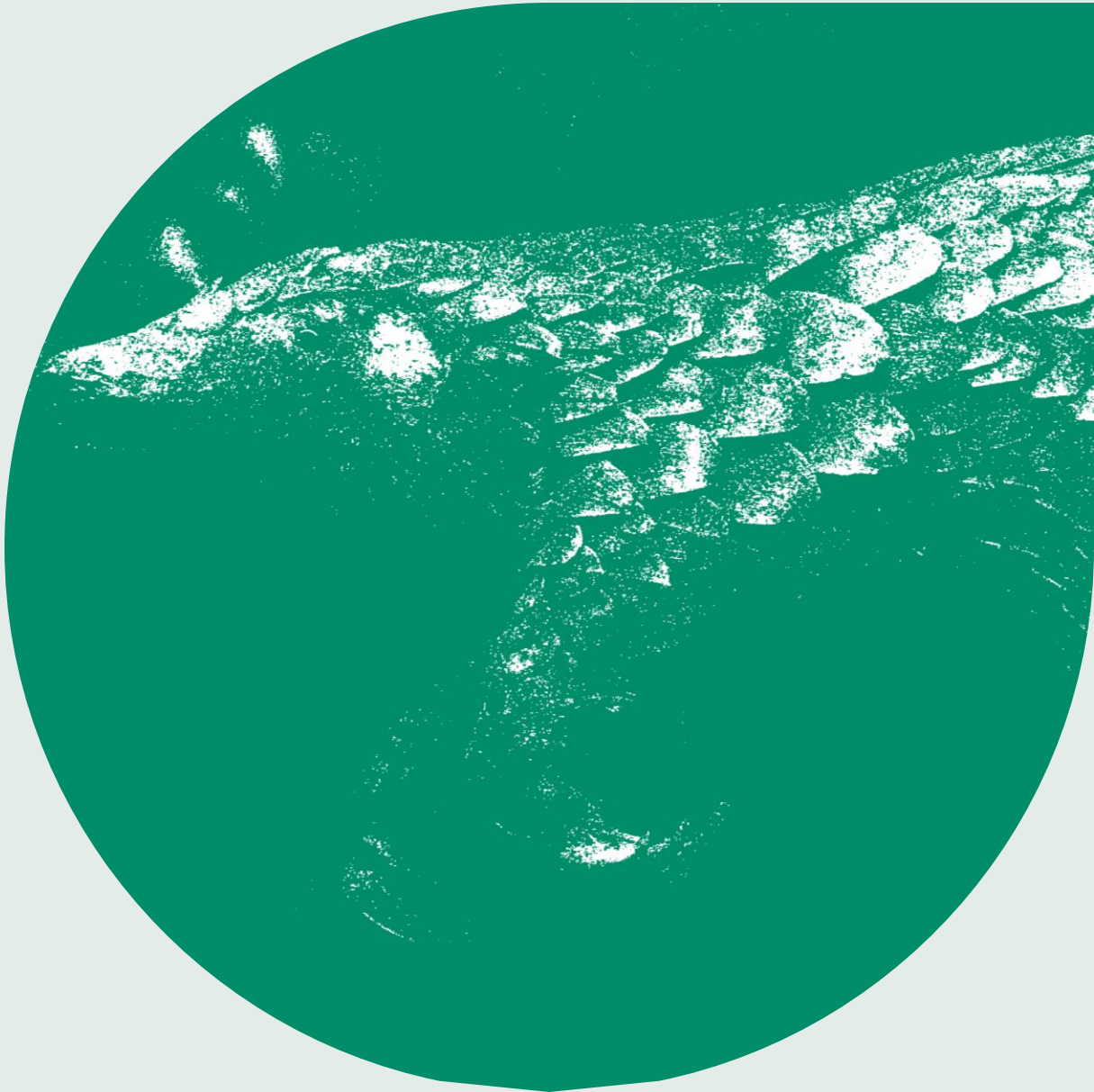
ECO-SOLVE

LIAISON HUB TRAINING

ANONIMITY



ANONIMITY

DEFINITION: Anonymity on the internet refers to the ability of users to engage in online activities without revealing their true identity or personal information.

WHY IS IT IMPORTANT?

- To protect Personal Privacy
- To research on Sensitive Topics
- To leave no Trace.

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BEST PRACTICES

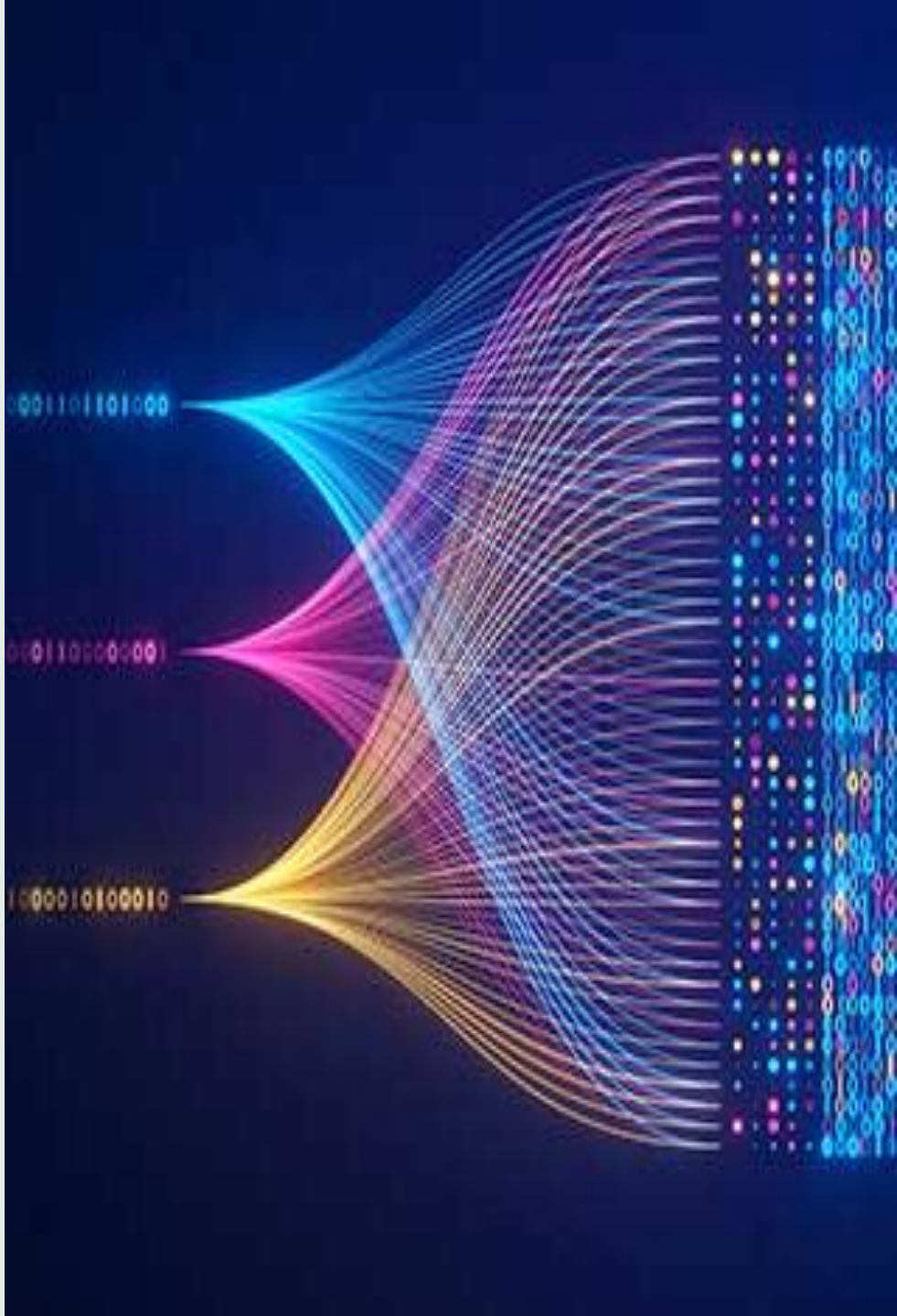
- Use of VPN
- Use of Privacy-focused Browsers
- Use of Avatar

USE OF VPN (Virtual Private Network)

DEFINITION: A VPN is a technology that enables a secure and encrypted connection over the internet.

WHY IS IT IMPORTANT?

- Enhanced Privacy
- Security on Public Networks
- Bypassing Geo-restrictions.



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PRIVACY FOCUSED-BROWSER

WHAT IS A DIGITAL FOOTPRINT?

- **Active:** made up of the data you choose to share
- **Passive:** made up of data you don't necessarily know is being tracked (eg. IP address).

PRIVACY FOCUSED-BROWSER

FIREFOX (mozilla.org)

CONFIGURATION:

- "Settings” >"Options" or "Preferences” > "General" options, uncheck both "Recommend extensions as you browse" and "Recommend features as you browse".
- "Home" options, change "Homepage and new windows" and "New tabs" to "Blank page".
- Disable all Firefox "Home Content" options.
- "Privacy & Security" options, enable "Delete cookies and site data when Firefox is closed"..
- Uncheck all options under "Logins and Passwords".
- Change the History setting to "Firefox will use custom settings for history".
- Uncheck the box tided "Remember browsing and download history".

PRIVACY FOCUSED-BROWSER

FIREFOX (mozilla.org)

CONFIGURATION:

- Uncheck the box titled "Remember search and form history".
- Check the box titled "Clear history when Firefox closes".
- Do NOT check the box titled "Always use private browsing mode", as Containers.
- Uncheck "Browsing history" from the "Address Bar" menu.
- "Permissions" > "Settings" > "Block new requests..." for each of these options.
- Uncheck all options under "Firefox Data Collection and Use".
- Uncheck all options under "Deceptive Content and Dangerous Software Protection"
- Enable "HTTPS-Only Mode in all windows".

PRIVACY FOCUSED-BROWSER

FIREFOX Add-ons

uBlock Origin

- Click on the uBlock Origin icon in the menu and select the "Dashboard" icon to the right
- "Settings" > "I am an advanced user". which appears as a
- settings option. This will open a new tab with the program's configuration page.
- "Filters" tab and enable "Block access to LAN" under "Privacy

TOR (The Onion Router)

DEFINITION: Tor is a network that aims to enhance privacy and security on the internet by routing traffic through a series of volunteer-operated servers.

HOW DOES IT WORK?

It helps to obfuscate the user's IP address and makes it challenging to trace online activities.

https://www.torproject.org

USE OF AVATAR

DEFINITION: An avatar is a digital character that represents an individual in virtual environments, online forums, or social media platforms.

TYPE: Avatars can vary in nature and functionality depending on the context:

Ghost Avatar
Active Avatar

USE OF AVATAR

WHO ARE YOU??

NAME

- fakenamegenerator.com
- namechk.com

USE OF AVATAR

PERSONALITY

- Name (first name, surname, nicknames, username, etc)
- Gender, weight, height
- Date and place of birth (including your star sign)
- Residence (Country, state, city, etc)
- School (primary, high, college, university, etc)
- Work/profession (work history, etc)
- Contact details (email, phone, social media, etc)
- Relation (single, married, ‘it’s complicated’, etc)
- Children (names, dates of birth, etc)
- Other (family) relations (parents, siblings, cousins, friends, neighbours, etc)
- Pets
- Vehicles/means of transportation (including licence plates, etc)
- Topics of interest (cats, games, pottery, sports, etc)

USE OF AVATAR

PHOTO

- morpthing.com
- faceplusplus.com
- this-person-does-not-exist.com

USE OF AVATAR

PHONE

- eSIM
- Online number

5 GOLDEN RULES

- **Secure Wi-Fi Networks:** Use strong passwords for your Wi-Fi network and consider enabling WPA3 encryption. Use a VPN for added security.
- **Browse in Incognito/Private Mode:** Adjust privacy settings on social media platforms and be mindful of the information you share online.
- **Avoid Logging In with Personal Accounts:** When possible, refrain from logging into personal accounts while browsing anonymously.
- **Use Privacy Focused Browsers**: anonymize your internet traffic by routing it through a network of volunteer-operated servers.\
- **Be Mindful of Metadata**: metadata, such as timestamps and geolocation data, can compromise anonymity

Thank you!

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