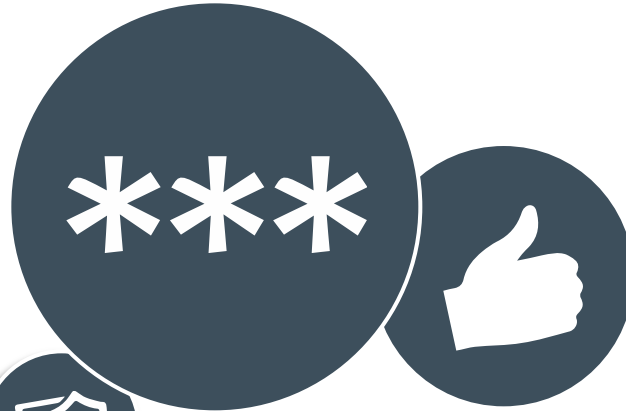# DIGITAL FINGERPRINT

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Digital Fingerprint – is a mark you leave when you go online.

There is no way of erasing your digital fingerprint from cyber space. You can only minimize the chance of your information being found. But it doesn't disappear.

Best solution – to think before you do whatever online.

Digital Fingerprint – being anonymous.

Anonymous – a very important word when talking about digital fingerprints; most IT users break different rules online because they think they are anonymous in cyber space.

Digital Fingerprint – Basic terms

Permanent – long-lasting or non-fading

IP address – An Internet Protocol address is a numerical label assigned to each device (e.g., computer, printer) participating in a computer network that uses the Internet Protocol for communication. An IP address serves two principal functions: host or network interface identification and location addressing.

Anonymous – of unknown name

Tracing – following the footprints, track, or traces of someone's activity

IMEI number – The International Mobile Equipment Identity is a number, usually unique to identify mobile phones, as well as some satellite phones.

Digital Fingerprint – What if... ?

What should a young girl do if she receives some rude or obscene messages from older people? – Report to adults.

Is the behavior of the message sender good or bad? – Bad of course.

What can we do? – Talk to children, store the archives on the devices to be able to check it

Is it possible to check what they have written to prove their guilt? – Yes, we need to check the archives of both laptops and if necessary ask the IT support of the children's school for assistance.

Digital Fingerprint – Who can regret leaving a digital fingerprint?

- Liars, people who like to spread gossip and say bad things about others.

- Thieves and other people breaking the law.

- People giving out too many **personal details**

Digital Fingerprint – Who can regret leaving a digital fingerprint?

- People who made fools of themselves by putting their own intimidating pictures or bragging about situations they are now ashamed of.

- Many others who happened to do something they would never like to repeat and would even prefer to erase from their past.

Digital Fingerprint – What information we should be careful with?

PERSONAL DETAILS:

- Some habits
- Phone number
- Salary or contract details
- Passport or ID number
- Bank account details

- Pictures
- Age
- PIN
- Address
- Passwords

- Exact location
- Secrets
- Fears
- Information about family members

Digital Fingerprint – How to protect children?

	RIGHT	WRONG
ACTIONS ON THE DEVICE(S)	Protect the device(s) against external threats through installing up software (antivirus) and more specialized actions like setting up, parental controls and adjusting firewall.	Wear gloves – a metaphor of changing names or pretending to be someone else or trying to mislead others. Can be tried but chances are it wont work.
ACTIONS AT HOME	Develop a habit of discussing issues together as a family. Just talk to your child and ask him/her what is going on.	Turn the discussion into a small investigation by asking tricky and unnecessary tensed questions

Digital Fingerprint – How to protect children?

	RIGHT	WRONG
ACTIONS AT HOME *(cont.)*	If not – be patient, stay calm and also be observant to solve your child's issue(s).	If not – overwhelm your child with your fears.
	Get involved in your child's online activities to know what he/she is doing online, what are his/her interests and how much time he/she spends online.	Getting involved in your child's online activities without any motives of tightening family bonds.

Digital Fingerprint – Who should we ask for assistance to remove digital fingerprint?

- Sometimes friends and colleagues are not necessarily helpful!

- Ministry of Transport and Communications and one of it's departments Q-CERT was established to handle different IT problems.

Cyber safety – what have we learned in this lecture?

- **What is digital fingerprint?**

- **How can we make sure we won't regret leaving our digital fingerprint in cyber space?**

- **How long does the digital fingerprint stay in cyber space?**

- **Who can help us remove digital fingerprint or minimize it's accessibility online?**

Thank you

**For more information,
please contact us at info@safespace.qa**