Read the following articles:

* <https://www.digitaltrends.com/mobile/sim-swap-fraud-explained/>
* <https://www.itworldcanada.com/article/warning-protect-your-mobile-phone-numbers-from-being-hijacked/396018>
* <https://www.wired.com/story/sim-swap-attack-defend-phone/>

Questions:

What is a SIM card?

A Sim card is a smart chip that goes inside a mobile phone which allows the user to access the phone line, stores personal information and prevents operation if removed. Meaning, without a simcard, you cannot unlock a phone.

Why is a SIM card required for your phone to work?

The sim unlocks the mobile phone, and allows operation. Without sim card on a brand new phone, you cannot unlock it.

What is “[text-based two-factor authentication](https://www.wired.com/2016/06/hey-stop-using-texts-two-factor-authentication)” ?

An unsecure broad basic way of logging in social media or other basically the follow steps.

* Sends code to sim
* Verifies login with code.

How is two-factor authentication related to your phone?

This authentication method uses your sim card which is inside your phone.

How is two-factor authentication related to your SIM card?

It uses this sim card number and information to send you codes and verification and what not.

List some of the services criminals can access if they get control of your SIM card.

* 1. Banking & Financial

*Your credit card info, whatever you have typed.*

* 1. Social Media

*Passwords, personal information, since the shit head can find out what ever you pressed on the keyboard.*

Explain how criminals can get control of your SIM card. **?**

* 1. Collecting Personal Information*. ?*
  2. Create False Identity. ?
  3. Requesting a new SIM card ?

What are some signs of SIM swap fraud?

Getting random calls, service provider cancels your service, service provider blocks you.

How can you prevent SIM swap fraud?

* 1. What are some general methods.

*Don’t give your phone number to anybody, keep everything that is related to your electronic services discreet online and in real life.*

* 1. Who is your Canadian phone company / carrier?

*Not saying it, the digital code will always be 3rd party encrypted, so even if this is a word document, there’s a chance I’ll get sim swapped, plus, this Peel school board system can find all of it.*

* 1. What do they offer regarding SIM swap fraud prevention?

Useless passwords and more ID requirements.