

7 security tips you can learn from the movie The Avengers

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1. Research is extremely important



In the film: Steve Rogers has lived a long time in the ice and also missed a lot of things. At the start of Captain America: The Winter Soldier (2014), Sam Wilson advises Super Soldier to listen to Marvin Gaye's Trouble Man song 1972: "Everything you miss, save it to an album."

Steve Rogers added it to the list of things he needed to do to catch up on what he missed. This list is very different, depending on the country you see. American audiences will see Steve Jobs and Moon Landings included in the film; British audiences will be happy to see the Beatles and the 1966 World Cup Final in the

film; while Tim Tams and Steve Irwin appeared on the Australian version.

In fact: Your first defensive step is research. You need to update all the latest security threats and privacy threats.

This means you have to be quick to capture the latest information, for example, when information about the Gmail login password is leaked or the fraudulent iTunes gift card is happening.

However, it is also important to grasp the intrusion actions taking advantage of weak points on basic computers. For example, when someone keeps your sensitive information to force you to do something you don't want to do.

That changed life more than ever because cyber criminals combined this technology with another common threat: Ransomware. Common ransomware will keep your device hostage, forcing you to pay otherwise it will lose all files. Combined with sexual exploitation software, they will continue to threaten to send your photos or videos to family and friends via email or SMS.

2. Create backups



In the movie: "Dormammu, I came to negotiate."

When confronted with something frightening, Doctor Strange was prepared. In the end of the film in 2016, he knew that protecting himself was the way to fight evil.

In fact: We hate to admit it, but Arnim Zola is right. As a technology genius, he lives in a place like a smart computer program controlled and operated by Zola's brain. We do not encourage you to praise HYDRA, but still think you should be like Zola and make a backup.

They have many purposes - most importantly the ability to make ransomware almost completely meaningless. People are still debating whether to regularly back up the entire system. If you unfortunately encounter

ransomware, we recommend that you find an expert to transfer all data back from the backup.

You need to disconnect additional storage devices after backing up your personal files; Otherwise, ransomware can infect through it.

This is one reason why cyber criminals still use this type of malware. Another reason is that very few people back up data regularly!

3. Encryption is not absolute



In the film: The Sokovian Accords divides the Avengers in Captain America: Civil War (2016), but that distance has been widened by the work of Helmut Zemo. Daniel Brühl's character learns the secrets of Bucky Barnes by decoding SHIELD files online - this has created an internal split, forming two factions, a faction led by Steve Rogers. the other, led by Tony Stark.

In fact: Do not underestimate coding. That is very important. For data to be sent or kept safe, we need some level of encryption. But don't overestimate it.

This is one of the great myths about coding. Nothing is inviolable. You use encryption all the time; HTTPS is an example. Smartphone encryption covers all data on your device. And so it all depends on the strength of the encryption (ie the password).

Moreover, encryption is not a defensive measure against all network attacks. Ransomware is still 100% effective. In fact, ransomware uses encryption itself to steal files. This may repeat as soon as you have recovered the data.

4. Limit what you share

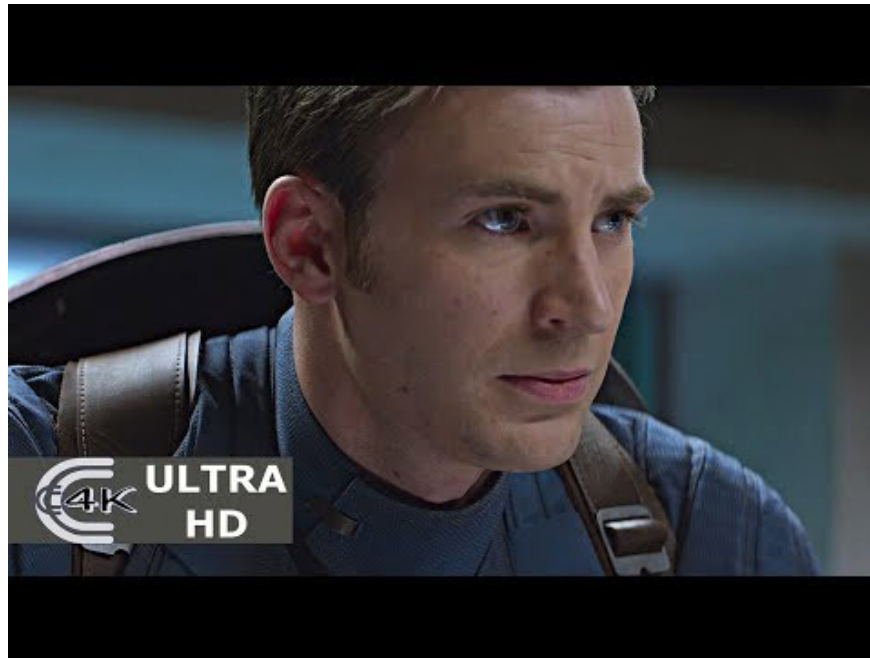


In the movie: Track the SHIELD collapse in Captain America: The Winter Soldier, Black Widow sold all secret files on the web. Natasha had previously hidden behind aliases and fake history. Now, with all the information available, she must find out who she really is.

In fact: The personal information we post online is the subject of analysis because the public knows that Facebook data has been collected by Cambridge Analytica for political purposes. People seem shocked to learn that social networks have collected user information. But if you pay attention, this has happened for years.

If you're worried about your privacy, you only need to limit your data on the internet. That is not just limited to Facebook but applies to all social media. Without proper precautions, Twitter is a gold mine for those who steal personal information. Instagram also holds a lot of information about you.

5. Fight for personal freedom



In the film: Freedom is at the center of many superhero stories, but not as much as the movies Captain America. See The Winter Soldier for a good example of this. Hydra has infiltrated SHIELD and the helicarriers have been introduced to eliminate potential threats to humanity.

But the Sentinel of Liberty stopped them. He can see the importance of choosing, even choosing between good and evil, as well as the ambiguity between these two. Steve often looks at everything in black and white, but this time, the gray area is also not to be missed.

In fact: Our individual freedoms are permanently violated. Look at all the ways that NSA stole from us.

The sad reality of life is, you can't always prevent it. But that doesn't mean you can't.

It's like the scene in Avengers: Age of Ultron (2015), when Tony asks Steve and his colleagues how they plan to defeat an unbeaten enemy. 'Together,' Cap said. Tony warned, "We will lose." What is the answer of Cap? 'Then we will fail together.'

So speak up instead of ignoring or accepting what's coming. Working as a group can bring us great things. It is even possible to change government policy. This is the basis for groups like Anonymous, fighting for the individual rights of peoples around the world.

6. Don't underestimate small people



In the film : Ant Man (2015) is an unexpected hit. It was not too surprising for Marvel fans but it was a big surprise for the movie-loving public, who thought the movie about a small boy was not trendy.

In fact : The message here is not just to predict large-scale attacks like Thor holding Mjolnir or Hulk throwing a car in your face. You must also be prepared for other seemingly small threats by including basic security measures in effect.

You did this - at least, we hope you will! If you're not superhuman by emails from Nigerian princes with the money attached, you're on the right track. Of course, the belief in detecting fraudulent behavior comes with experience. You can immediately detect some 'fake' emails, while others are becoming more sophisticated.

Again, research will help you understand the difference between what is real and what will harm your data.

You need to find security software that you can trust. That is a very basic thing; however, some rely solely on Windows Defender or configure a virtual private network (VPN) setting. They are only useful as antivirus software, but not in this case.

7. Share, Share, and Share!



In the film: For most of Wakanda's past, technological advances are closely tied to the interests of citizens. Only in the Black Panther (2018), T'Challa, the new African king, realizes that you cannot blindly follow the footsteps of your ancestors. He decided to help the world, breaking the tradition.

Tony Stark finally decided to share his technology. Although forced, but for Iron Man 2 (2010), his friend, James Rhodes became War Machine. Peter Parker has an upgrade for Spider-Man: Homecoming (2017). In addition, the Avengers often benefit from Stark's improvements, particularly in New York facilities.

In fact: Users will benefit from developers and technology savvy will help consolidate the system of other users.

What does that mean? All is an upgrade. This is a key factor in our assessment of the safest mobile operating system and then the safest browser. It is not just for mining; The important thing is how to develop fixes for the most rapid vulnerabilities.

For example, Google Chrome will send fixes after detecting a problem. Sadly, up to 50% of users do not update, although it is easy: click the vertical dot, then click **Help> About Google Chrome** . End the process just reboot.

For how users can help each other: spread the news about abuse and tell others when it's important to update. We are all lazy when iOS notices a new version update is available. Sometimes, that is very necessary.

Of course, there are open source software, most notably Linux. The code is accessible, so you can check if something is malicious. It also means that individuals can contribute to the entire system. It is an admirable teamwork spirit based on the Avengers platform.

We cannot save the universe from a big threat like Thanos. But there are still many good things we can do for each other - suppose to make sure the internet is a safe environment.

Even if you don't get bitten by a radioactive spider or can summon Odin's power, that doesn't mean you can't turn yourself into something magical.

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