Training Fiche

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| **Title** | **Protecting devices** |
| **Keywords (meta tag)** | **PC protection, smartphone, antivirus, malware** |
| **Provided by** | **IWS** |
| **Language** | English |
| **Area** | *Please select one or more of the following:*   |  |  | | --- | --- | | *Information and data literacy* |  | | *Communication & collaboration* |  | | *Digital content creation*  *Safety*  *Problem solving* |  | | *X* | |  | |
| **Objectives / goals / learning outcomes** | |
| At the end of this module you will be able to:   1. Protect your PC and personal data from external attacks. 2. Protect your mobile devices from malware. | |
| **Description** | |
| In this course, we will learn how to install and configure an antivirus in PCs with Windows, MacOS or Ubuntu.  We will find some guidelines to increase the security in the operative system in both smartphones and PC.  We will receive some tips about how to keep the integrity of our computer with a set of simple actions.  We will finally install different antivirus in several mobile systems. | |
| **Contents arranged in 3 levels** | |
| 1. **Module name : Protecting Devices**    1. **Unit name: Simple tips to protect your computers**       1. **Section Name: Common sense**       2. **Section Name: Antivirus**       3. **Section Name: Windows Antivirus**       4. **Section Name: MacOS Antivirus**       5. **Section Name: Linux Antivirus**    2. **Unit name: Basics for smartphones’ protection**       1. **Section Name: Mobile phone security**       2. **Section Name: Tips**       3. **Section Name: Antivirus**       4. **Section Name: Android Antivirus**       5. **Section Name: iOS Antivirus** | |
| **Contents in bullet points** | |
| * **Unit 1: Simple tips to protect your computers** * **Common sense** * **Antivirus** * **Windows Antivirus** * **MacOS Antivirus** * **Linux Antivirus** * **Unit 2: Basics for smartphones’ protection** * **Mobile phone security** * **Tips** * **Antivirus** * **Android Antivirus** * **iOS Antivirus** | |
| **5 glossary entries** | |
| **Antivirus:** Antivirus software is a program designed to prevent, detect and remove malware infections on individual computing devices, networks and IT systems.  **Malware:** Software that is intended to damage or disable computers and computer systems without the owner knowing it.  **Keyloger:** A type of surveillance software that once installed on a system, has the capability to record every keystroke made on that system. The recording is saved in a log file, usually encrypted.  **Phishing:** The fraudulent act of acquiring private and sensitive information, such as credit card numbers, personal identification and account usernames and passwords.  **Virus:** A malicious software program loaded onto a user’s computer without the user’s knowledge and performing malicious actions. | |
| **Bibliography and Further References** | |
| <https://karoespiralia.blogspot.com/2015/12/proteccion-anti-malware-del-sistema.html>  <https://es.safetydetectives.com/blog/mejores-antivirus-realmente-gratis-para-linux/>  <https://www.macworld.es/articulos/mac/mejores-antivirus-mac-3671337/>  <https://es.safetydetectives.com/blog/mejores-y-realmente-gratis-antivirus-para-ios/>  <https://www.youtube.com/watch?v=HH0xdWpckZY>  <https://www.youtube.com/watch?v=a-b9eM7Rhfo>  <https://www.youtube.com/watch?v=PHb5R5-fE7E>  <https://www.youtube.com/watch?v=tDyxXtAft-M>  <https://www.youtube.com/watch?v=7LhpG3NL7hM> | |
| **Related Material** |  |
| **Related PPT** | DELSA Protecting devices.ppt |
| **Reference Link** |  |
| **Demo video** |  |