



UNIVERSITAT POLITÈCNICA  
DE CATALUNYA  
BARCELONATECH

UPCnet

Jornadas TIC UPC

Buenas prácticas (y  
seguras) y maneras de  
ponerlas a prueba

Diciembre 2021





Los buenos deben proteger el 100 % de las vulnerabilidades  
Los malos solo necesitan una para entrar



El soft ya hace muchas cosas que hasta ahora hacían los hackers  
Ej: Cobalt Strike

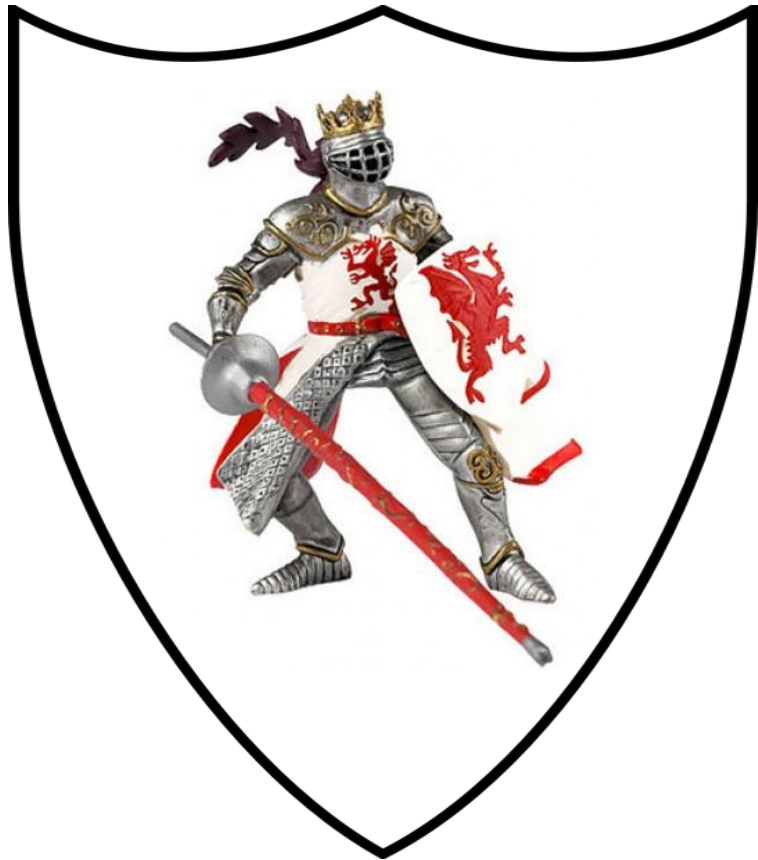
## Contexto



No todos los hackers requieren conocimientos técnicos  
Hacking as a service



Cambio de objetivos  
Han pasado de buscar dinero fácil o “reputación” a buscar grandes secuestros y sabotajes



### Objetivos:

- Reducir el número de incidentes de seguridad mediante la prevención
- Ahorrar tiempo y dinero con la detección precoz

En un entorno de digitalización donde están en auge las ciberamenazas, **la falta de concienciación en materia de ciberseguridad de la mayoría de usuarios de las tecnologías**, se convierte en la mejor vía de entrada para perpetrar ataques con éxito.

Por tanto, **el usuario es la primera línea de defensa de nuestros sistemas**, y en consecuencia debemos **hacerlo consciente** de su importante papel en la seguridad **y formarlo** en las mejores prácticas para la ciberseguridad.



Para ayudar en esta tarea de concienciació de los usuarios de las tecnologías, tenemos desarrollado un **campus de concienciació** en las principales buenas prácticas a tener en cuenta en cuanto a Ciberseguridad.

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## Taller de bones pràctiques en Ciberseguretat (PAS)

UPC Educatiu / Els meus cursos / Curs CYBS PAS

El vostre progrés

### Benvinguda

Benvinguts a aquestes activitats de conscienciació en ciberseguretat!

L'objectiu principal d'aquestes activitats és aprendre conceptes bàsics que, en aplicar-los en el nostre dia a dia laboral, millorin la seguretat de la informació que manegem i assegurin el compliment de les normatives de protecció de dades personals.

A través de 8 activitats senzilles i interactives es repassaran els pilars de la ciberseguretat i protecció de dades, i es proporcionaran guies i consells de manera que fer les nostres tasques diàries més segures sigui molt fàcil.

En el següent vídeo es pot veure un resum de les unitats que es tractaran al llarg d'aquestes activitats.

CONTACTE PER CONSULTES O INCIDÈNCIES

- m.angels.garcia@upc.edu (Dubtes organitzatius)
- atic@upc.edu (funcionalitats i continguts)

PROGRÉS DE LA COMPLECIÓ

PARA

Passeu-hi el ratolí o toqueu la barra per a més informació.

https://edutic.upc.edu/login/index.php

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Invalid login, please try again

Username

Password

Remember username

Log in

Forgotten your username or password?

Some courses may allow guest access

Log in as a guest

Log in using your account on:

CAS

and service.

OK

Aspectos tratados en el campus de concienciación como buenas prácticas en ciberseguridad.

-Cómo gestionar y hacer uso de **contraseñas seguras**.

-**Dispositivos móviles** hoy totalmente extendidos, como hacer un uso seguro.

-**Redes sociales** y la exposición de nuestros datos.

-**Phishing**, como identificar y prevenir.



-**Redes públicas**, cuando y cómo utilizarlas.

-**Navegación segura**, precauciones e identificación de entornos comprometidos.

-**Seguridad en la nube**, presente ya en todos los ecosistemas.

-**GDPR**, precauciones en el uso de datos personales.

Estructura del curso: Textos explicativos, preguntas sobre el tema, contenidos dinámicos...

### La seguretat de les contraenyes

Tot i que sovint es subestima la seva importància, les contrasenyes són un element primordial en la protecció de les nostres comptes i de la nostra informació.




Generalment, les empreses compten amb polítiques que imposen certs requeriments a les contrasenyes (longitud, complexitat ...). No obstant això, aquesta és una mesura necessària però no suficient per garantir una bona seguretat a les nostres contrasenyes.

Així doncs, durant aquesta presentació es repassaran els aspectes a tenir en compte i les accions a realitzar per part de l'usuari per garantir una bona seguretat en les contrasenyes que fem servir.

El navegador té la possibilitat de guardar les nostres claus d'accés a diferents pàgines web com el Banc, l'assegurança de el vehicle, el correu electrònic. Què creus que és més convenient?

*(Tria l'opció que consideris correcta)*



Utilitzar aquesta possibilitat i guardar les contrasenyes per tenir-les sempre disponibles quan sigui necessari consultar-les. A més, l'ordinador recorda aquestes claus i no cal escriure-les sempre que vulguem accedir.

Deshabilitar l'opció de desament automàtic ja que no és una opció totalment segura.

ENVIAR

Arrossega cada contrasenya segons et sembli una clau segura o no:

94RomA&mE

Contrasenya segura

Contrasenya NO segura

Estructura del curso: Test para la evaluació de la asimilació de los contenidos.

- Un test de 4/5 preguntas por módulo.
- Parametrización sobre los modos de consecución del curso, según dinámica demandada.

**Pregunta 1**  
No s'ha respost encara  
Puntuat sobre 3,00  
🚩 Marca la pregunta  
⚙️ Edita la pregunta  
contrasenyes 1

De les següents afirmacions sobre les contrasenyes, quines creus que són certes?

Triu-ne una o més:

- Les contrasenyes tenen caràcter personal i intransferible
- Per a recordar-les, podem anotar-les en un paper
- Es recomanable permetre que el navegador les emmagatzemi.
- Es recomanable utilitzar un software de gestió de claus com KeePass

Pàgina següent

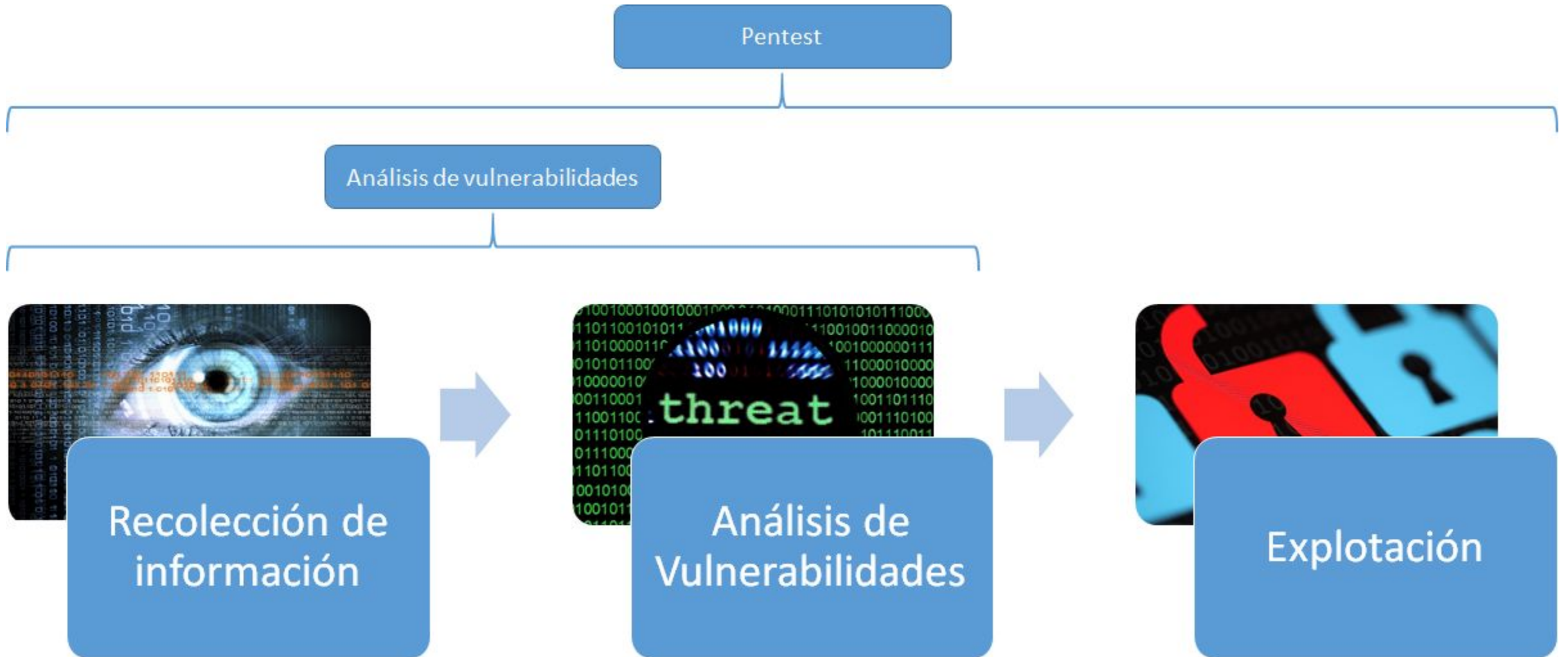
Navegació pel qüestionari

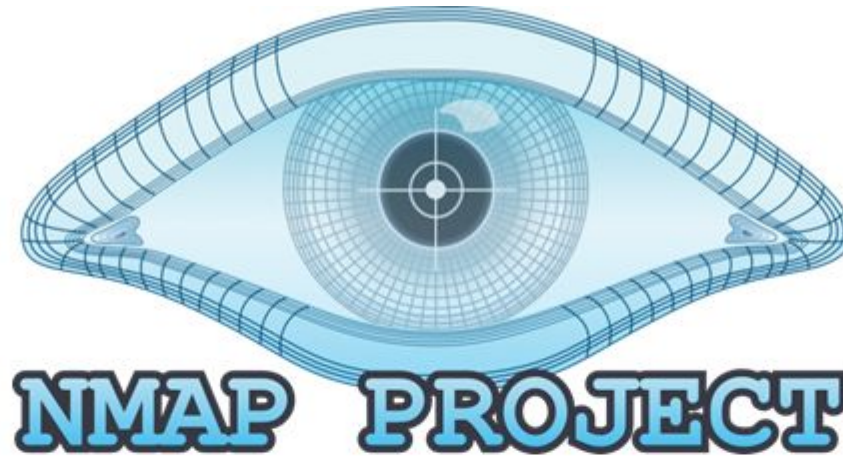
1 2 3 4 5

Acaba l'intent...

Comença una previsualització nova







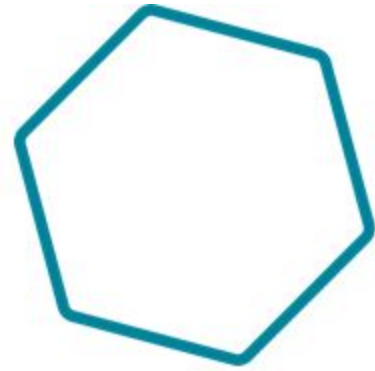
Recolección de  
información



Análisis de  
Vulnerabilidades



Explotación



**nessus**<sup>®</sup>  
Professional



Recolección de  
información



Análisis de  
Vulnerabilidades



Explotación

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La **ingeniería social** es un conjunto de técnicas orientadas a la **manipulación psicológica** de las personas para conseguir que éstas hagan algún tipo de acción en favor del atacante.

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Una de las estrategias más extendidas es el **phishing**: correos electrónicos maliciosos diseñados para infectar con **malware** los sistemas, **robar información**, **sustraer credenciales**, **extorsionar** a las víctimas e incluso desplegar **amenazas avanzadas**.

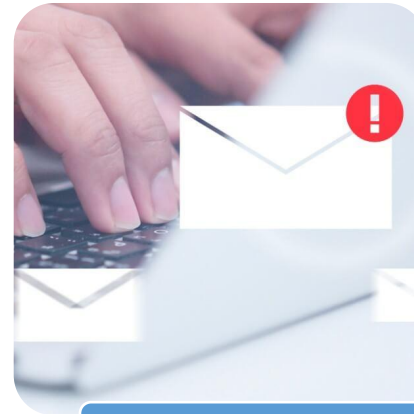




Instalación



Configuración



Lanzamiento



Resultados

[Back](#) [Export CSV](#) [Complete](#) [Delete](#) [Refresh](#)

### Campaign Timeline



## Details

Show  entries

Search:

First Name	Last Name	Email	Position	Status	Reported
[blurred]	[blurred]	[blurred]	[blurred]	Email Sent	15

Submitted Data

## Timeline for [redacted]

Email: [redacted]

Result [redacted]



Campaign Created

November 26th 2021 12:59:43 pm



Email Sent

December 2nd 2021 2:43:21 am



Clicked Link

December 2nd 2021 8:04:31 am

Windows (OS Version: 7)

IE (Version: 11.0)



Submitted Data

December 2nd 2021 8:04:53 am

Windows (OS Version: 7)

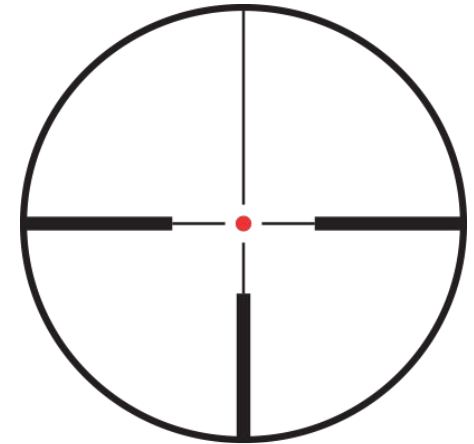
IE (Version: 11.0)

Replay Credentials

▼ View Details

Parameter	Value(s)
login	[redacted]
username	[redacted]





### What i'll do:

**I will do anything for money, i'm not a pussy.**

**If you want me to destroy some business or a persons life, i'll do it!**

### Some examples:

- Simply hacking something technically
- Causing a lot of technical trouble on websites / networks to disrupt their service with DDOS and other methods.
- Economic espionage
- Getting private information from someone
- Ruining your opponents, business or private persons you don't like, i can ruin them financially and or get them arrested, whatever you like.

If you want someone to get known as a child porn user, no problem.

The following prices are estimates, if i think a specific job takes more time and money i will either refund you or you will send the remaining once we talked.

If you are unsure about which category to choose, choose the lower priced one in question.

You will only pay for successful jobs, if i can not do anything for you i will refund you. But keep in mind depending on your target specific things might take longer and require an addition payment, but only after i can show some success.

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If you are unsure about which category to choose, choose the lowest price and ask me for more information.  
You will only pay for successful jobs, if i can not do anything for you i will refund you. But keep in mind depending on your target specific things might take longer and require an addition payment, but only after i can show some success.

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Product	Price	Quantity
Small job, for example: Email and Facebook hacking, installing trojans, small DDOS	250 EUR = 0.02723 ₪	<input type="text" value="1"/> X <a href="#">Buy now</a>
Medium-large job, ruining people, espionage, website hacking, DDOS for big websites	500 EUR = 0.05447 ₪	<input type="text" value="1"/> X <a href="#">Buy now</a>
Large job which takes a few days or multiple smaller jobs, DDOS for protected sites	900 EUR = 0.09804 ₪	<input type="text" value="1"/> X <a href="#">Buy now</a>
UPGRADE: INSTANT reply within 30-60 minutes instead of 24-36 hours for urgent cases. If i need longer this will get refunded. Only buy this together with one of the other options.	200 EUR = 0.02179 ₪	<input type="text" value="1"/> X <a href="#">Buy now</a>

Rent-A-Hacker - Hire a hacker for every job you can imagine, from DDOS to completely ruining people or destroy reputation of ...

Rent-A-Hacker - Hire a h x +

2ogmrlfztdthnwkez.onion

# Rent-A-Hacker

Products FAQs Register Login

## Rent-A-Hacker

Experienced hacker offering his services!  
(Illegal) Hacking and social engineering is my business since i was 16 years old. I never had a real job, so i had the time to get really good at hacking and i made a good amount of money last +-20 years.  
I have worked for other people before, now i am also offering my services for everyone with enough cash here.

**Prices:**  
I am not doing this to make a few bucks here and there, i am not from some crappy eastern europe country and happy to scam people for 50 EUR.  
I am a professional computer expert who could earn 50-100 EUR an hour with a legal job.  
So stop reading if you don't have a serious problem worth spending some cash at.  
Prices depend a lot on the problem you want me to solve, but minimum amount for smaller jobs is 250 EUR.  
You can pay me anonymously using Bitcoin.

**Technical skills:**

- Web (HTML, PHP, SQL, APACHE)
- C/C++, Assembler, Delphi
- Oday Exploits, Highly personalized trojans, Bots, DDOS
- Spear Phishing Attacks to get accounts from selected targets
- Basically anything a hacker needs to be successful, if i don't know it, i'll learn it very fast
- Anonymity: no one will ever find out who i am or anything about my clients.

**Social Engineering skills:**

- Very good written and spoken (phone calls) english, spanish and german.
- If i can't hack something technically i'll make phone calls or write emails to the target to get the needed information, i have had people make things you wouldn't believe really often.
- A lot of experience with security practices inside big corporations.

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# ¿Cómo conseguir más concienciación?

