# This Holiday Season, Skip the Scams!



The festive season means fun with friends and family, goodwill and giving. Sadly, it's also a prime time for cybercrooks to cook up nefarious schemes. According to AARP Fraud Watch, three-quarters of U.S. consumers have experienced or been targeted by at least one form of fraud that can be tied to the holidays, including requests from (often fake) charities, online shopping scams and fraudulent communications about shipping problems

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# This Holiday Season, Skip the Scams!

- During the holidays we may be more trusting, we let our guard down and we can become victims to many of the classic scams. We are more generous during this "time of giving" and the scammers are out in full force. We always need to be vigilant but even more so during this season.
- It was only a few years ago that staying safe online meant having a good virus program and having a full backup. Today psychological manipulation in the form of social engineering and phishing emails require that we are constantly vigilant and contain our trusting nature.
- Your best defense is to recognize the symptoms of being scammed. Al and spam filters have not yet devised foolproof methods to stop scams.
- Our goal today is to turn you into scam hunters and give you the tools to spot and stop these scams

# Learning About Cybercrime and Scams Knowledge is the Best Defense







It's been around a long time Trojan War **1260–1180 BC** 



Trojans rely on a user unknowingly downloading a program because they appear to be legitimate files or apps.

# Tools of the Scammers







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# When a Con Man Calls





This is a post from one of your local agencies



## Montgomery County Police Department 🦁

Police Officer Dana Stroman • 2 days ago

Hurricane Ian Scams. Florida residents, friends and family are facing one of the most catastrophic weather events in the history of this country. As hard as this storm is churning, fraudsters are already churning up their schemes as well. Playing on the sympathy of people who want to do right and help their fellow man, these individuals see this as an opportunity to operate criminal enterprises to fraudulently obtain well intentioned donations.

Only donate to charities you know and trust

The State of Florida has set up the Florida Disaster Fund to respond to relief efforts. The money will be distributed to different organizations for disaster relief and recovery

Other legitimate charities include the American Red Cross, the Salvation Army and Catholic Charities

Research any charitable entity to determine their legitimacy

Do not donate to anyone wanting cash donations, gift cards or by wiring money Do not respond to emails seeking donations.

Some scammers use names very similar to legitimate charities

Some scammers "spoof" telephone numbers to make it look like a real charity calling

REPORT FRAUDULENT ACTIVITY TO THE FEDERAL TRADE COMMISSION

FTC Fraud Website: https://reportfraud.ftc.gov/

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Telephone Scam. Phone Scam Alert! Over the last several weeks, Montgomery County have received calls from a person stating that he/she is a Montgomery County Police (MCP) Officer. The scammer has "spoofed" (disguised) his number to make it appear that the call is coming from a Police Station.

There are variations of this police impersonator scam but generally the "officer" states that the resident has to make payment – for a bond, warrant, missed court hearing, or fine. The scammer instructs the resident to send money through a wire transfer, pre-paid cards or internet transaction.

It is important to remember that the Montgomery County Police Department will never call residents to collect payment for fines or bonds nor solicit money.

If you receive this type of call, hang up and call the Montgomery County Police non-emergency number at 301-279-8000.

Posted to Subscribers of Montgomery County Police Department in 1 area

# Anatomy of a Scam



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# How To Recognize a Phone Scam https://consumer.ftc.gov/



- You won't be arrested
- You don't need to decide now
- There's never a good reason to send cash or pay with a gift card
- Government agencies won't call to confirm your sensitive information
- You shouldn't be getting all those calls

# Social Engineering and Phishing

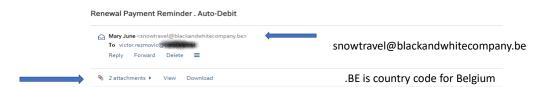


Use of psychological techniques to persuade someone to do something not in their best interest

- Time Pressure and illusions of scarcity
- Authority Bias
- Greed and Status

Today most common tool for social engineering is a phishing email

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You are kindly informed that, you signed up for a subscription product when you purchased it on Oct 27, 2021.

This subscription ends today, Oct 28, 2022.

Your subscription will automatically renew on Oct 28, 2022, and \$399.00 will be charged to your account. This indicates that you don't need to take any action to keep your membership valid.

If you wish to not use your subscription, you may cancel it at any time. You will be charged \$399.00 for your subscription if you don't cancel it by Oct 28, 2022.

Please mention your reference ID #GK28102987 when contacting us



Options for assistance

Any order or payment related issue will be resolved by our Customer Support. Kindly, contact us at +1(808)797-2708

# https://www.consumerfraudreporting.org/

- Did you receive an email from Geek Squad, claiming your annual subscription with GeekSquad is renewed? Did they then instruct you to call a number in the email or something similar?
- Well, don't fall for it. It is a scam, and if you call them back or follow their instructions you will lose money and possibly your identity! The people behind this are the worst kind of human scum; willing to do anything to scare, threaten, lie, cheat and steal money from anyone, including the elderly and poor. They usually operate out of Nigeria, China, Russia and even some developed western countries. Attachments typically include malware to infect your computer, tablet or phone and allow the scammer to capture your passwords.
- One thing for certain: This is NOT from Best Buy and has nothing to do with their Geek Squad service. Do NOT call the numbers in the email. Just ignore the email.

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# Ways to Recognize a Phishing Email

Legit companies don't request your sensitive info via

Legit companies don't force you to their website Legit companies usually call you by your name

Legit companies don't send unsolicited attachments Legit companies have domain emails

Legit companies links match legitimate URL's Legit companies know how to spell

Sense of urgency, authority and greed

## The Washington Post

Internet Access

Your Data and Privacy

Future of Work

What's New

Ethical Issues

# Are you smarter than a scammer? Play this game.

Take this quiz to find out if you can spot what's real and what's fake

https://www.washingtonpost.com/technology/interactive/2023/identify-scam-quiz-zelle-email-text/

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# Wait, Wait, Don't Scam Me!

You will now see a series of emails. The emails will remain on the screen for 10 seconds. Decide if the email is legit, a scam or unsure. Keep score for yourself

**Help Desk** 

Tech in Your Life

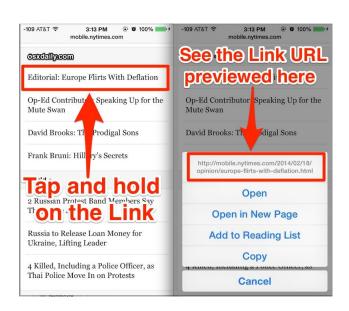


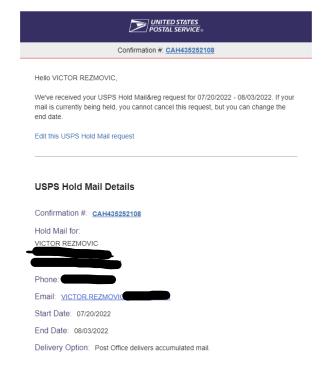
# The Most Important Tool for Suspicious Links



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# **Mobile Devices**





Hello {victor.rezmovic}
You have (1) SUSPENDED PACKAGE
waiting for delivery



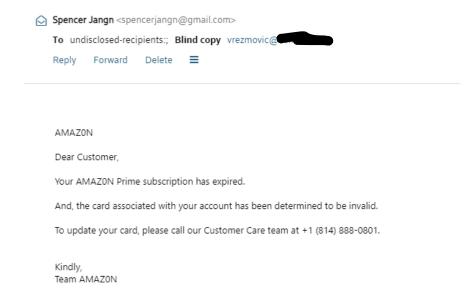
### **DELIVERY OF THE SUSPENDED PACKAGE**

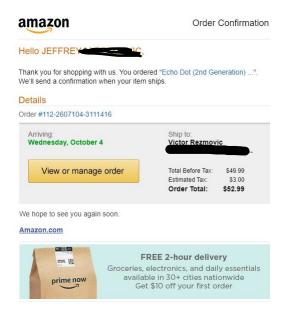


You have (1) package waiting for delivery. Use your code to track it and receive it.

Schedule your delivery and subscribe to our push notifications to avoid this from happening again!

Schedule your delivery





## xfinity



### Your Bill

Unfortunately, We have an issue with your billing profile

It has come to our attention that your billing information records are out of date. That requires you to check your billing information.

Please view your billing profile to solve this issue.

View Billing

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## xfinity

My Account >

## Helpful information about your Xfinity TV services

Each year, we'll send you information to keep you up to date with the latest Channel Lineup and Xfinity TV Services & Pricing available in your area.

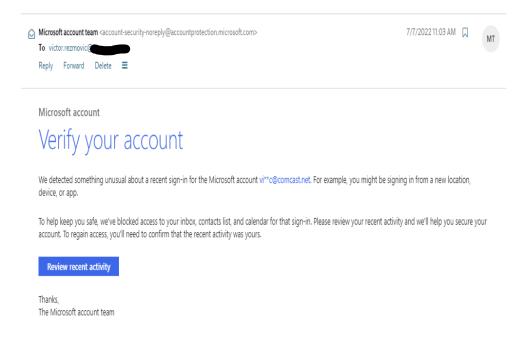
View or print our Xfinity TV Channel Lineup.

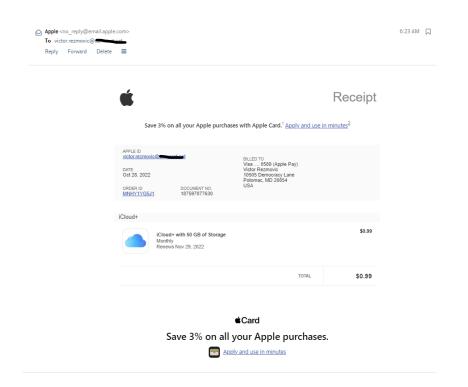
See our Xfinity TV service options and other offerings with our <u>Services & Pricing</u> list.

To request print versions of this Services & Pricing list or Channel Lineup in the mail, please <u>click here</u>. To receive future Services & Pricing lists or Channel Lineups in print, <u>click here</u>. For either of these options, you can also call 1-800-Xfinity.

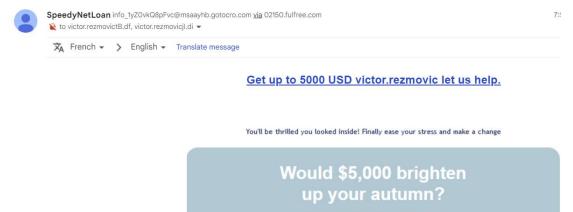
You can always find our current  $\underline{\text{Channel Lineup}}$  or  $\underline{\text{Services \& Pricing online}}.$ 

Thank you for being an Xfinity customer.





## WelcomeTo SpeedyNetLoan D Inbox ×



# Cover your monthly expenses, payments and bills with funds in your account as soon as tomorrow. Request up to \$5,000 Enter Amount Or choose an amount below \$500 \$1,000 \$1,500 \$2,500 \$5,000

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#### Billing Customer Care +1 (801) 895-4816

## You've authorized a payment of \$ 399.89 to Coinbase.

Thank you for using PayPal for your recent purchase. We wanted to let you know that you have authorized a transaction of \$399.89 for bitcoin. The amount will be debited from your Bank/Credit card/PayPal Wallet. The charge will appear on your Bank/Credit card statement as \*PAYPAL-COINBASE\* by next 24 to 48 hrs. Transaction ID Order ID 248745-856740-54864 Payment Mode Transaction Date Online Authorized April-18-2022 Description Unit prices \$399.89 USD Quantity Subtotal \$399.89 USD \$399.89 USD

## @Comcast 2018



## Dear Comcast User

Your account has exceeded the storage limit, You can not send or receive new messages until you validate your account.

Kindly CLICK HERE to Validate your account..

Thank You, Comcast Communications

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## Fw: Acknowledging Your Loyalty with an Oral B iO Series 9





# Pop Ups and Scareware Warning Signs Malicious Software

- Designed to frighten; play on your emotions
- Ask you to ACT FAST
- Hard to close

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# Pop-ups





# Types of Malware

**Malware** is any <u>software</u> intentionally designed to cause disruption to a <u>computer</u>, <u>server</u>, <u>client</u>, or <u>computer network</u>, leak private information, gain unauthorized access to information or systems, deprive access to information, or which unknowingly interferes with the user's computer security and privacy.

## Ransomware

- Access to your files/data is blocked through encryption
- Data is held hostage in exchange for a ransom
- May steal files from computers rather than encrypting them
- Demand for ransom appears as a pop-up



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# Types of Malware

## **Spyware**

- May collect information from your device or through observation
- May be installed on your device via software such as keyboard logger or via video surveillance
- Information may include sites visited, downloads, passwords



## Scams

## **Smishing**



Basically, it's phishing by another means, namely text messages on mobile devices.

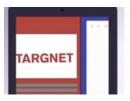
An attacker uses a compelling text message to trick targeted recipients into clicking a link and sending the attacker private information or downloading malicious programs to a smartphone.

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# Scams

Online **Shopping** 

- Deals appear too good to be true such as "bargain-basement" deals
- Look like real logos—check closely
- Messages saying to confirm a purchase you never made



## Scams

## **Tech Support**

- Received via unsolicited telephone call or a pop-up which may include a phone number to call
- Claim to provide tech support for fake computer problems
- Caller or pop-up may claim to be from a company you know such as Apple or Microsoft
- May offer to run diagnostic tests and claim you have malware installed
- Play on fear and demanding quick action

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# Scams Online Banking

- Fake sites may be set up with similar name to your bank
- Banks will not contact you out of the blue and ask for your Social Security number, online account password or other personal information



## Scams Grandparents Scam

- Call, text or email from someone pretending to be your grandchild who is in trouble
- Asks for money such as to help pay medical bills for a hospital
- May ask you to call someone (lawyer, doctor) who may ask for money to be wired immediately
- Stories are usually very convincing



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## Scams Social Media



- •Be careful where you click: Fraud is prevalent on popular social networks like Facebook, Instagram and Twitter
- Types of scams
  - •Fake ads
  - Looking for romance
  - Offers of financial help

## Scams Jury Duty

- Phone call or email saying you failed to report for jury duty and warrant issued for your arrest
- If an email: Don't click links or download attachments!
- Asks to provide:
  - · Identifying information such as SSN
  - Pay a fine:
    - Credit card
    - Prepaid cards

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## You Can Protect Yourself



	FRAUD RESOURCE CE	NTER	
Learn f	now to spot and avoid the common sc	ams listed below	
Apartment Rental Scams	Gift Card Scams	Obituary Scams	Social Media Scams
Business Email Compromise	<b>Government Grant Scams</b>	Online Banking Scams	Social Security Scams
Car Warranty Scams	Grandparent Scam	Online Pharmacy Scams	Spear-Phishing
Caregiver Fraud	<b>Greeting Card Scams</b>	Online Shopping Scams	Student Loan Scams
Celebrity Impostor Scams	Health Fraud	Package Scams	Survey Scams
Census Scams	Health Insurance Scams	Pet Scams	Sweepstakes and Lottery Scams
Charity Scams	Holiday Scams	Phishing	Tax ID Theft
Coronavirus Scams	Home Improvement Scams	Phone Scams	Tax Preparation Scams
Credit Card Interest Rate Scam	Identity Theft	Political Scams	Tech Support Scams
Credit Repair Scams	Impostor Scams	Ponzi and Pyramid Schemes	Time-Share Resale Scam
Cruise Scams	Investment Fraud	Psychic Scams	Travel Scams
Cryptocurrency Fraud	IRS Impostor Scam	Public Wi-Fi Scams	'Update Account' Scams
Debt Collection Scams	Jury Duty Scams	QR Code Scams	Utility Scams
Debt Relief Scams	Medical Equipment Scams	Ransomware	Vacation Scams
Dietary Supplement Scams	Medical Identity Theft	Reverse Mortgage Scams	VA Pension Poaching
Disaster Scams	Medicare Card Scams	Robocalls	Veterans Charity Scam

# Resources for Protecting Yourself Online

- General safety tips
- Passwords and password managers
- Avoid Public Wi-Fi
- Virus protection
- Updating software, OS, devices etc
- VPN's and encryption
- Backups
- Choosing the right browser
- Two Factor Authentication
- Passkeys (Authenticator App)



# Learning About Cybercrime and Scams





## RESOURCES FOR PROTECTING YOURSELF ONLINE

## General

AARP FRAUD RESOURCE CENTER—General Starting Point https://www.aarp.org/money/scams-fraud.html#frc

OASIS Resource: <a href="https://connections.oasisnet.org/oasis-connections-guide-to-online-safety/">https://connections.oasisnet.org/oasis-connections-guide-to-online-safety/</a>

FCC Site: https://www.fcc.gov/general/frauds-scams-and-alerts-guides

https://www.youtube.com/watch?v=M--Yk6 f8MU

https://www.marylandattorneygeneral.gov/CPD%20Documents/Tips-Publications/ConsumerGuideForMarylanders.pdf

## **Holiday Scams**

https://www.forbes.com/advisor/personal-finance/common-holiday-scams/

https://www.fbi.gov/how-we-can-help-you/safety-resources/scams-and-safety/common-scams-and-crimes/holiday-scams

## **Specific Cybersecurity Topics**

Ransomware

https://www.aarp.org/money/scams-fraud/info-2021/ransomware-protection-tips.html

**IRS Scams** 

https://www.aarp.org/money/scams-fraud/info-2017/fake-irs-scammers-fd.html

Protecting Financial Accounts

https://www.aarp.org/money/scams-fraud/info-2021/account-takeover.html

https://www.aarp.org/money/scams-fraud/info-2019/online-bank-account-security.html

Shady Telephone Calls

https://www.youtube.com/watch?v=Exf4iUD7gRo

**Unwanted Calls and Texts** 

https://www.fcc.gov/consumers/guides/stop-unwanted-robocalls-and-texts

## **Passwords and Password Managers**

https://www.aarp.org/home-family/personal-technology/info-2021/use-a-password-manager-for-online-security.html

https://www.youtube.com/watch?v=BoyeFozmAXk

## WiFi Safety

https://www.aarp.org/money/scams-fraud/info-2019/public-wifi.html

## **Protecting Privacy**

https://www.aarp.org/home-family/personal-technology/info-2021/protect-your-devices.html

## If You Are a Victim of a Scam

https://ovc.ojp.gov/program/stop-elder-fraud/providing-help-restoring-hope

https://www.fbi.gov/contact-us#l-would%20like%20to%20report%20an%20online%20scam%20fraud%20or%20crime

https://fightcybercrime.org/

https://www.ic3.gov/

https://www.identitytheft.gov/#/