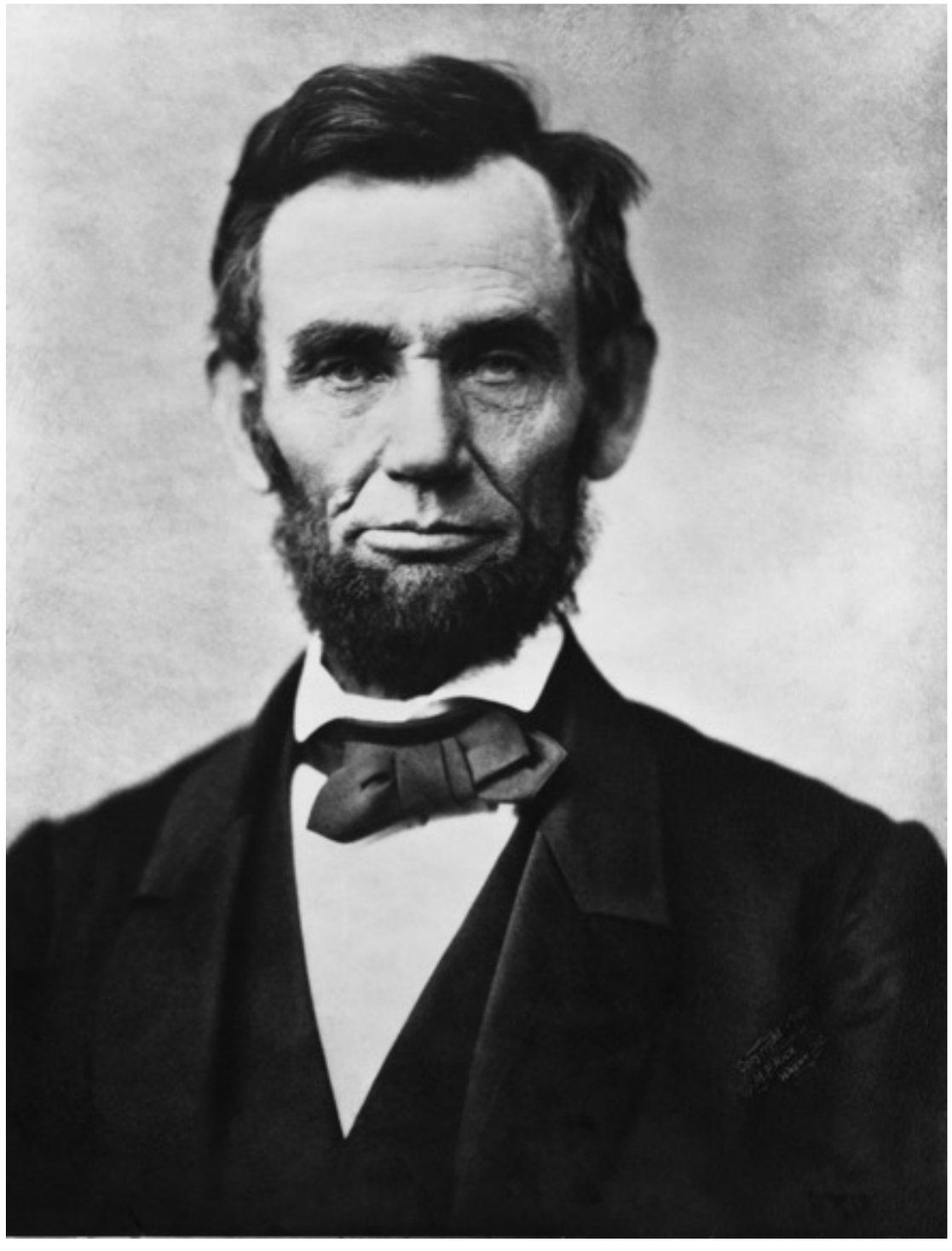
THINK BEFORE YOU CLICK

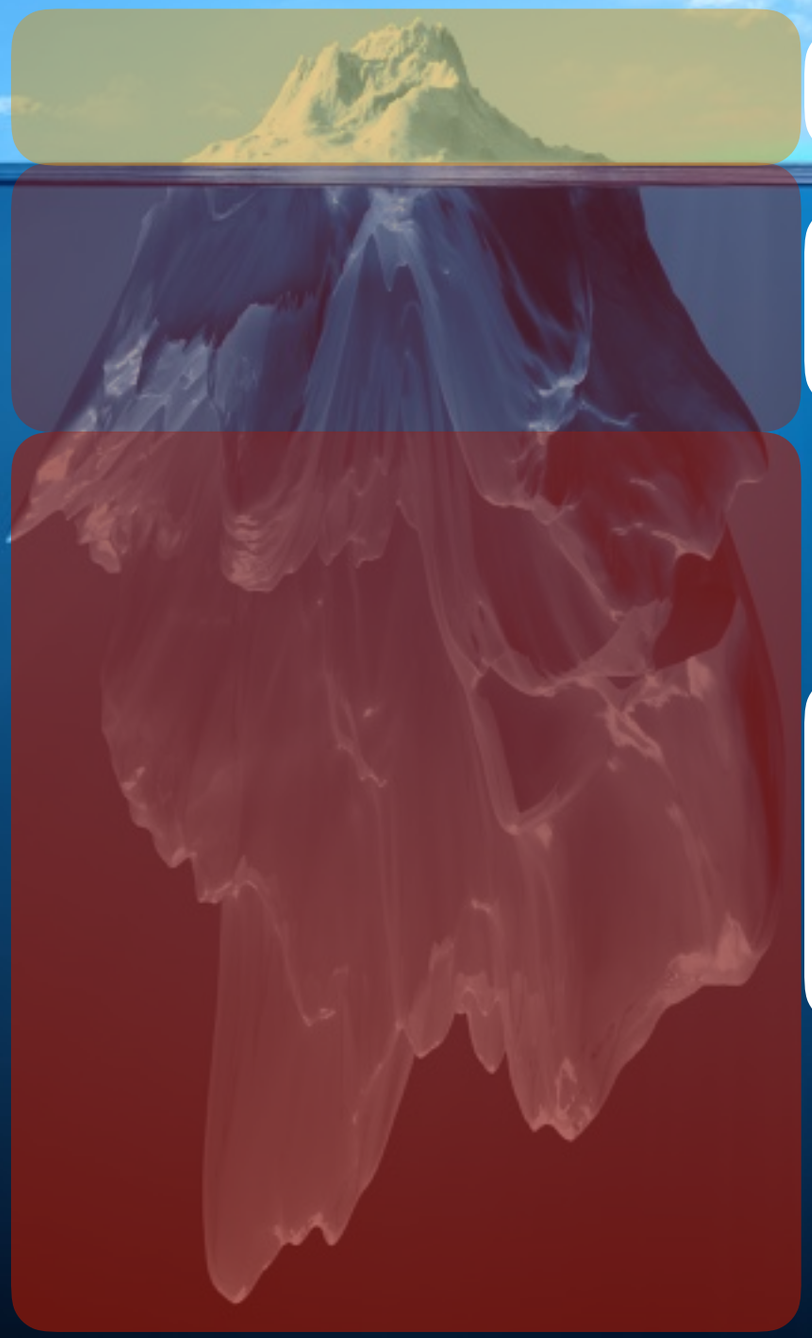
INTERNET SECURITY



“ You can not trust everything you read on the Internet”

- Abraham Lincoln

THE INTERNET



WEB: The web that is used by the majority of the population. I.E. Facebook, Google, Ebay, Kijiji etc.

DEEP WEB: Databases and other web services that for one reason or another cannot be indexed by conventional search engines. I.E. databases, webmail pages, backend of web servers etc.

DARK WEB: Like the deep web the dark web is not indexed by search engines. It is a collection of computers that is only searchable via Tor, Freenet, I2P etc. and can be as small as peer to peer connections. It contains everything from Hacker groups and services to arms dealers.

WHAT IS MALWARE?

Malware is an abbreviated term mean **Malicious Software** that refers to a variety of hostile or intrusive software.

viruses • worms • trojans • spyware • adware
• scareware • ransomware

Ransomware is on the rise. Generally looks like a legitimate page with official police and/or government logos. Often the victims are accused of horrific cyber crimes such as accessing child pornography and told to pay a fine to have your computer unlocked. Ransomware often goes unreported as the victim is embarrassed even though the accusation is false. The amounts are often small $50 to $500.

QUICK FACTS

- Cyber crime costs the global economy in excess of $400 billion each year
- Over 18 million know viruses exist
- Over 600,000 Facebook accounts are compromised everyday
- 99% of computers are vulnerable to exploit kits

SECURE YOUR DEVICE

One of the most import steps in stopping malware is the simplest. Always keep your device up to date with the latest version of your installed software.

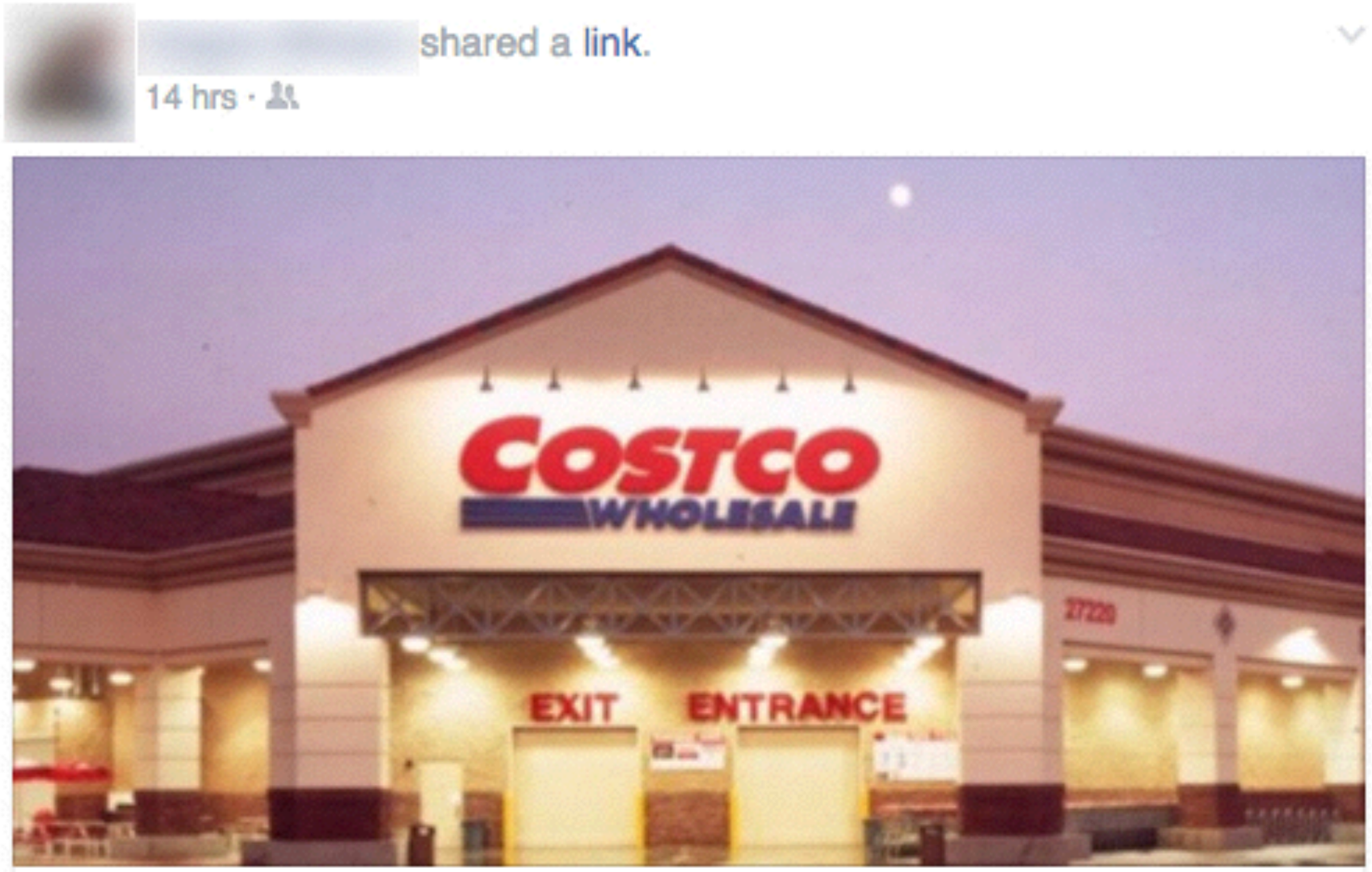
JAVA • ADOBE READER • ADOBE FLASH

Always keep the big 3 up to date.
Why? All that is required is to accidentally click on an infected advertising banner, game or graphic and you could potentially open up your computer to malware.

A large portion of all exploits are initiated via Oracle Java, Adobe Reader and Adobe Flash.

SOCIAL MEDIA

- **Like-jacking:** occurs when criminals post fake Facebook "like" buttons to webpages. Users who click the button don't "like" the page, but instead download malware.
- **Click-jacking:** is an attempt to get you to click on a malicious link, disguised as an interesting article. These article titles are phrased to provide shock value in order to attract users scrolling through their newsfeed.
- **Phishing:** the attempt to acquire sensitive information such as usernames, passwords, and credit card details (and sometimes, indirectly, money) by disguising itself as a trustworthy entity in a Facebook message or Tweet.
- **Social spam:** is unwanted spam content appearing on social networks and any website with user-generated content (comments, chat, etc.). It can appear in many forms, including bulk messages, profanity, insults, hate speech, malicious links, fraudulent reviews, fake friends, and personally identifiable information.



The displayed website is the giveaway that this is a scam!

http://costco-coml744l2ln.fcdft.xyz/costco/?Z536545S

Costco is Giving-away Free $300 Grocery Coupon To EVERYONE Celebrate its birthday! (limited time offer)

COSTCO WHOLESALE

Follow these 2 simple steps below to Get your $300 Costco Grocery Coupon

Remaining Coupons: 354

Step 1: Share This Page

Share On Facebook

Step 2:Click On Send Button Below Then Select 5 Groups and hit SEND

Send

Checking The Steps

Click Here To Get Your Exclusive Pass.

Helps to propagate the scam

The link will take you to the malware or offer a phoney promotion intended to scam you.

[redacted] OMG! I cant BELIEVE a WOMAN found THIS in her McDonalds Nuggets! WTFF!! >> http://bit.ly/98Ve5U

WOW! This makes me SICK!
Mcdonalds you SUCK!

OMG! I cant BELIEVE a WOMAN found THIS in her McDonalds Nuggets! WTFF!! >> http://bit.ly/98Ve5U

5 minutes ago via HappyMeals · Comment · Like

Click bait headline with a recognizable business. Cloaked links can lead users to subscribe to spam, download malware, or be redirected to a phishing site.

EMAIL

- Do not open emails from an unknown source.
- Do not open emails with dubious subject lines such as "You have won", "We require more information", "Attn: Invoice attached", etc.
- Use a common sense approach to email. Paypal, Ebay and CRA to name a few, will never ask you to click a link and update your information.
- Identify the email address that the email was sent from, look for inconsistencies such as spelling mistakes, bad spaces and misspelt corporate names.
- Ensure your email client is set to text only or basic html.
- Ensure MS Office (Word and Excel) has macros disabled.

Paypal Service

To: Rick McCutcheon

Account Notification

Today at 12:06 PM

PS

PayPal

Your account willbe limited.

Hello ,

Your account will be limited until we here from you. To update your info simply click on the web address below :

Update Now

Why is this necessary? Your email address and password are used to breeze through checkout when you shop online and to easily send money to friends and family.

Thanks for joining the millions of people who rely on us to make secure financial transactions around the world.

Please do not reply to this email. To get in touch, go to the PayPal website and click **Help**.

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PayPal PPC000478:1480e797bf4f7

Paypal Service

To: Rick McCut

Account Notifica

Today at 12:06 PM

PS

✓ service@host.gdirectory.org

Copy Address
Add to VIPs
New Email

Add to Contacts

Search for “Paypal Service”

PayP

Your account willbe limited.

Hello ,

Your account will be limited until we here from you. To update your info simply click on the web address below :

Update Now

Why is this necessary? Your email address and password are used to breeze through checkout when you shop online and to easily send money to friends and family.

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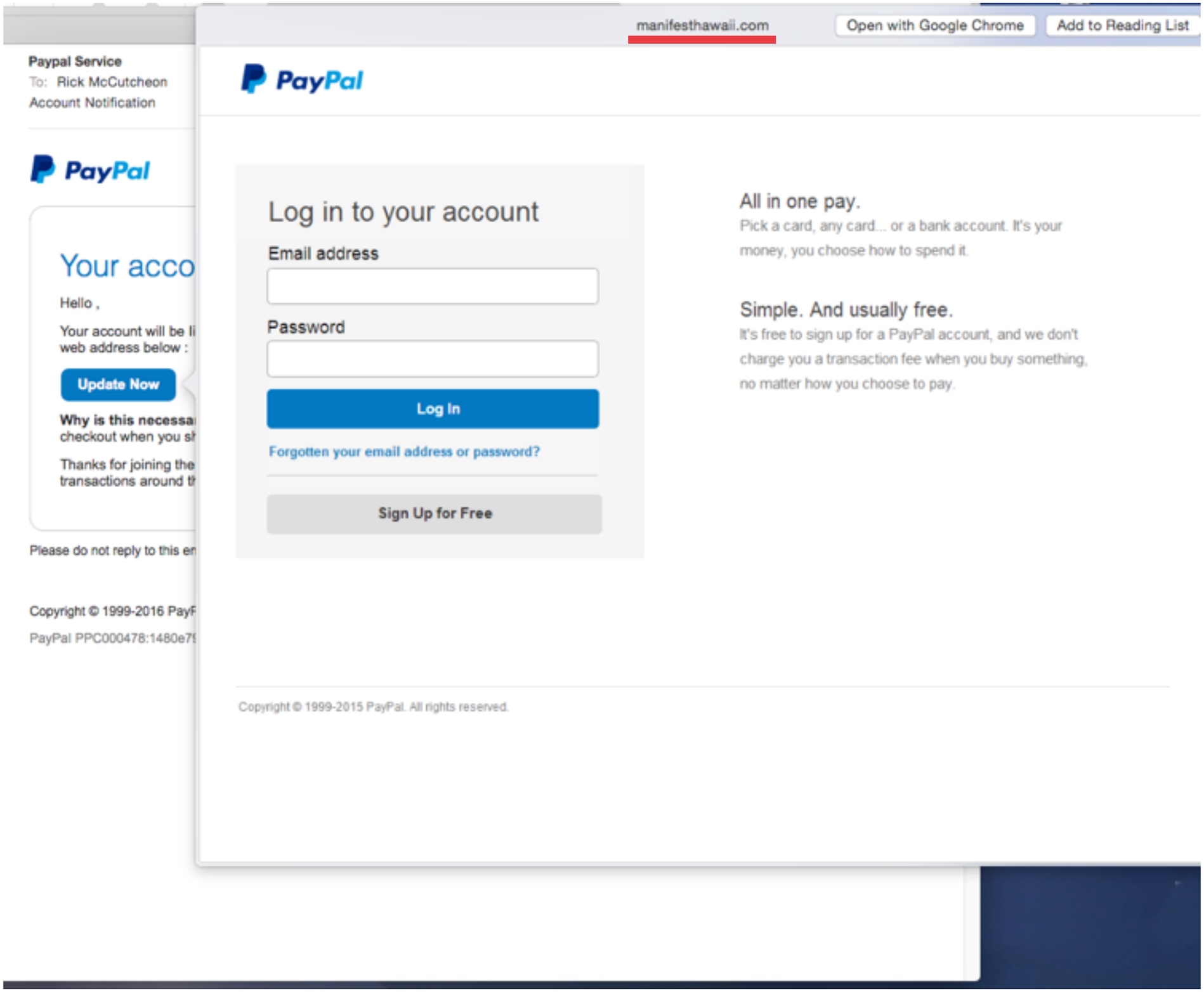
PayPal PPC000478:1480e797bf4f7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Open with Google Chrome
Add to Reading List
Paypal Service
To: Rick McCutcheon
Account Notification
PayPal
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Your account will be li
web address below :
Update Now
Why is this necessa
checkout when you sh
Thanks for joining the
transactions around th
Please do not reply to this en
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PayPal
Log in to your account
Email address
Password
Log In
Forgotten your email address or password?
Sign Up for Free
All in one pay.
Pick a card, any card... or a bank account. It's your money, you choose how to spend it.
Simple. And usually free.
It's free to sign up for a PayPal account, and we don't charge you a transaction fee when you buy something, no matter how you choose to pay.
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ATTN: Invoice J-34765550

Claudette Clark

February 16, 2016 at 5:48 AM

To: Dave Patterson

ATTN: Invoice J-34765550

CC

Dear expositorads,

Please see the attached invoice (Microsoft Word Document) and remit payment according to the terms listed at the bottom of the invoice.

Let us know if you have any questions.

We greatly appreciate your business!
Claudette Clark
Leidos Holdings Inc. www.leidos.com

invoice_J-34765550.doc

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This document contains macros. Do you want to disable macros before opening the file?

Macros may contain viruses that could be harmful to your computer. If this file is from a trusted source, click Enable Macros. If you do not fully trust the source, click Disable Macros.

Learn about macros

Enable Macros | Do Not Open | Disable Macros

WEBSITE SECURITY

- Always ensure that your browser is up to date with its latest available version.
- Ensure you have a good antivirus program always running.
- Never use the same password for all your online accounts.
- Always use secure websites for online purchases and banking. To make sure the website is secure look for **https://** at the beginning of the web address. The "s" indicates SSL (secure socket layer) or TLS (transport layer security) encryption is active on your web connection.
- Avoid or use extreme care when connecting to free and public WiFi hook ups. Select **private browsing** in your web browser to increase your security. This will ensure your credentials will not be stored locally when surfing.

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https://www.bmo.com/main/personal

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Learn more

Meet with an expert

Choose the date, time, and branch location using our easy online tool.

Book an appointment

Or, give us a call at 1-877-CALL-BMO

Personal banking | BMO

https://www.bmo.com/main/personal

www.bmo.com
Your connection to this site is private.
Details

Permissions | Connection

Chrome verified that Entrust Certification Authority - L1M issued this website's certificate. The server supplied valid Certificate Transparency information.

Certificate Information

Your connection to www.bmo.com is encrypted using an obsolete cipher suite.

The connection uses TLS 1.2.

The connection is encrypted using AES_256_CBC, with HMAC-SHA1 for message authentication and RSA as the key exchange mechanism.

The server does not support the TLS renegotiation extension.

What do these mean?

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Elements | Console | Sources | Network | Timeline | Security

Overview

Main Origin

https://www.bmo.com

Non-Secure Origins

chrome-extension://bjgl

Secure Origins

https://cdn.tt.omtrdc.ne
https://bankofmontreal.
https://yourfinancialife-
https://4227502.fls.dou
https://cdnssl.clicktale.n
https://smetrics.bmo.co
https://connect.facebool
https://www.facebook.c
https://secure.adnxs.cor
https://pubads.g.double
https://insight.adsrvr.or
https://px.owneriq.net
https://pixel.mathtag.co
https://cc.chango.com
https://rs.gwallet.com
https://r.turn.com
https://ib.adnxs.com
https://sp.analytics.yaho
https://adserve.atedra.c
https://n.areyouahuman
https://tag.yieldoptimize
https://tags.mediaforge.
https://pixel.quantserve.
https://20670973p.rfihu
https://dptr.areyouahum
https://s.tribalfusion.cor
https://idsync.rlcdn.com
https://s.amazon-adsyst
https://ads.yahoo.com
https://dsum-sec.casale
https://match.adsrvr.org
https://cm.yieldoptimize

Security Overview

This page is secure (valid HTTPS).

Valid Certificate

The connection to this site is using a valid, trusted server certificate.

View certificate

Secure Resources

All resources on this page are served securely.

CELL PHONE SECURITY

As of 2015 Canada had 28,217,707 active cell phones

We keep our most personal and private content on our cell phones, yet most Canadians do not properly secure their phones nor do they actively use any protective measures at all.

- Always keep your phones software up to date.
- Only download apps from trusted sources, never jailbreak or root your phone.
- Secure your phone. Enable screen lock, back up data regularly and install an app to locate a missing phone or to remotely erase data from it.
- Apps can be intrusive and often ask for more permissions then they actually need. Research before you download an app, look at reviews and ask yourself do you really need to use it.
- Install a good antivirus app on your mobile phone.