

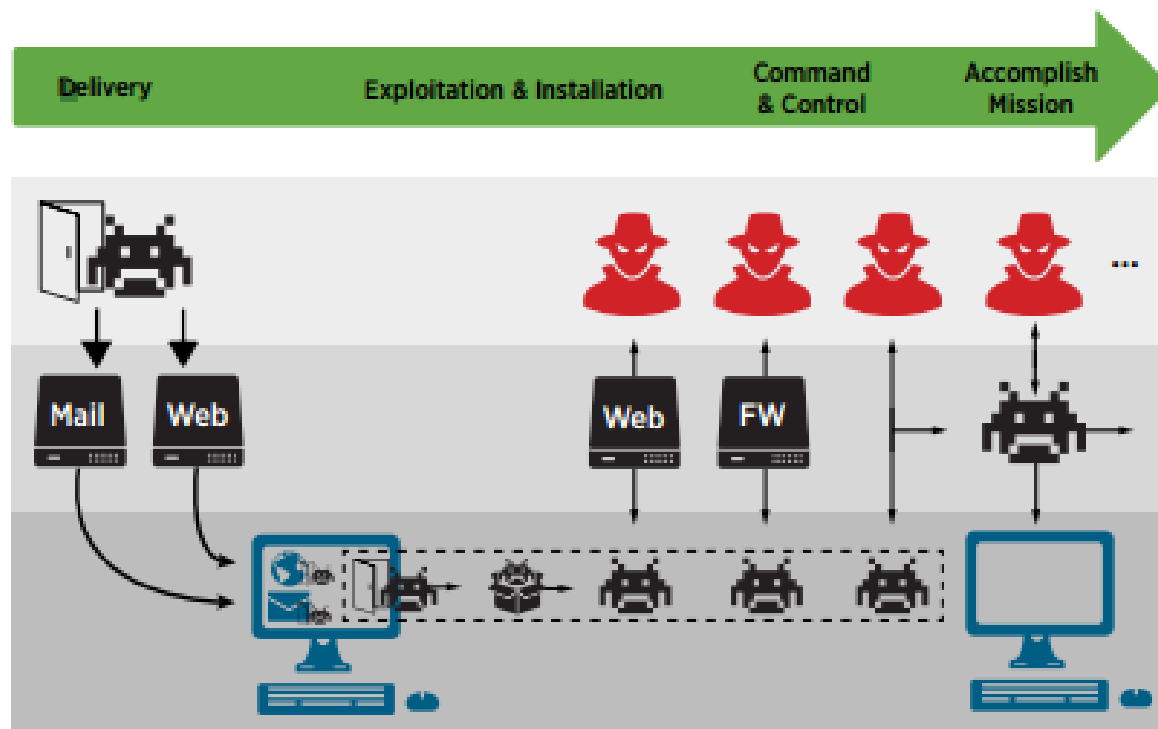


# Cyber Security Workshop

PROTECT YOUR PRIVACY AND OUR NETWORK

# Why are we here?

- ▶ At least eight local districts have had malware outbreaks in recent weeks
- ▶ Hundreds of computers had to be wiped out and reconfigured
- ▶ Even with help, and working nearly around the clock, they were down for several days
- ▶ EMOTET – Banking Trojan
- ▶ Can go undetected for days
- ▶ Each outbreak started with a phishing email

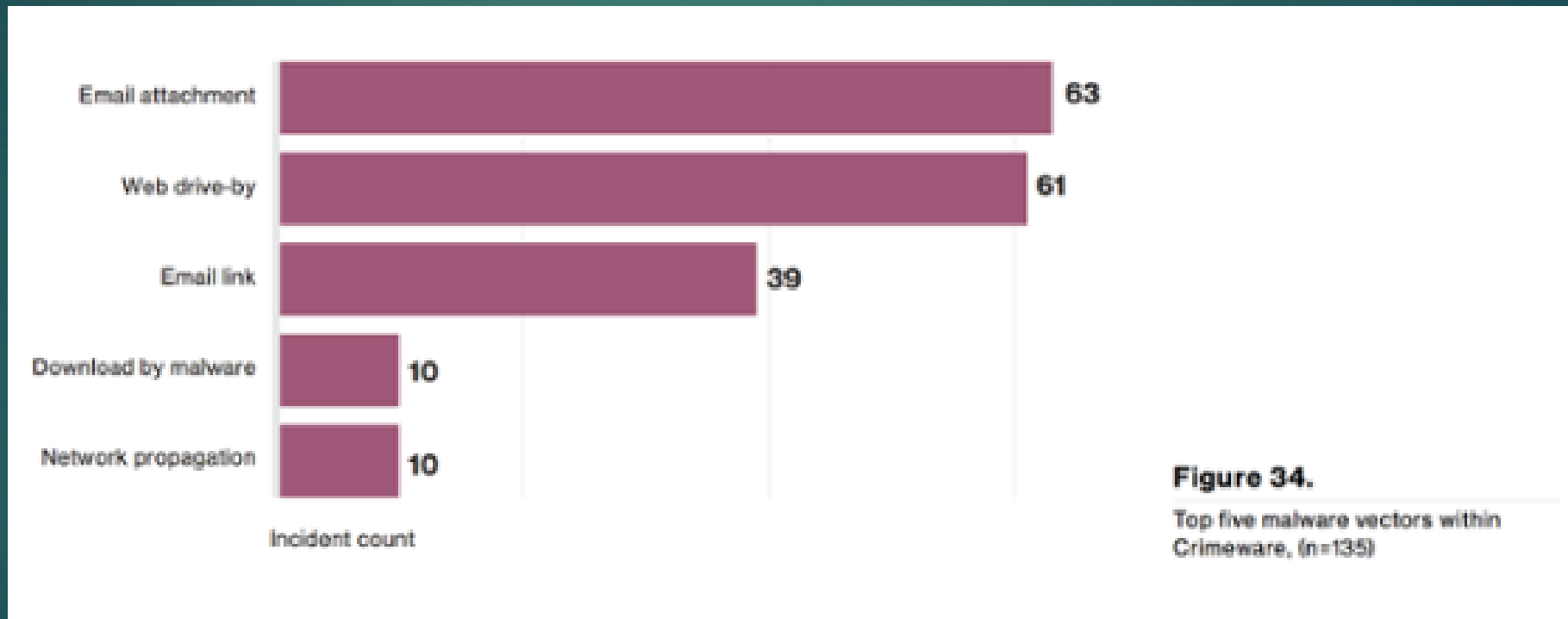


## Top Malware Last Month

1. Emotet
2. Kovter
3. ZeuS
4. NanoCore
5. Cerber
6. Gh0st
7. CoinMiner
8. Trickbot
9. WannaCry
10. Xtrat

#1 delivery vehicle for malware?

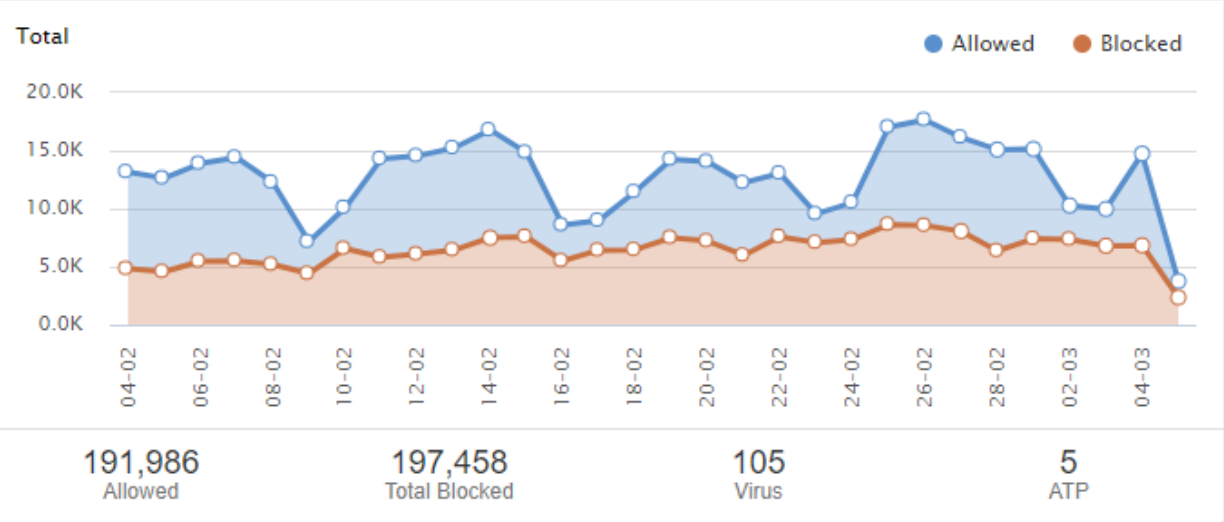
Phishing email attachments



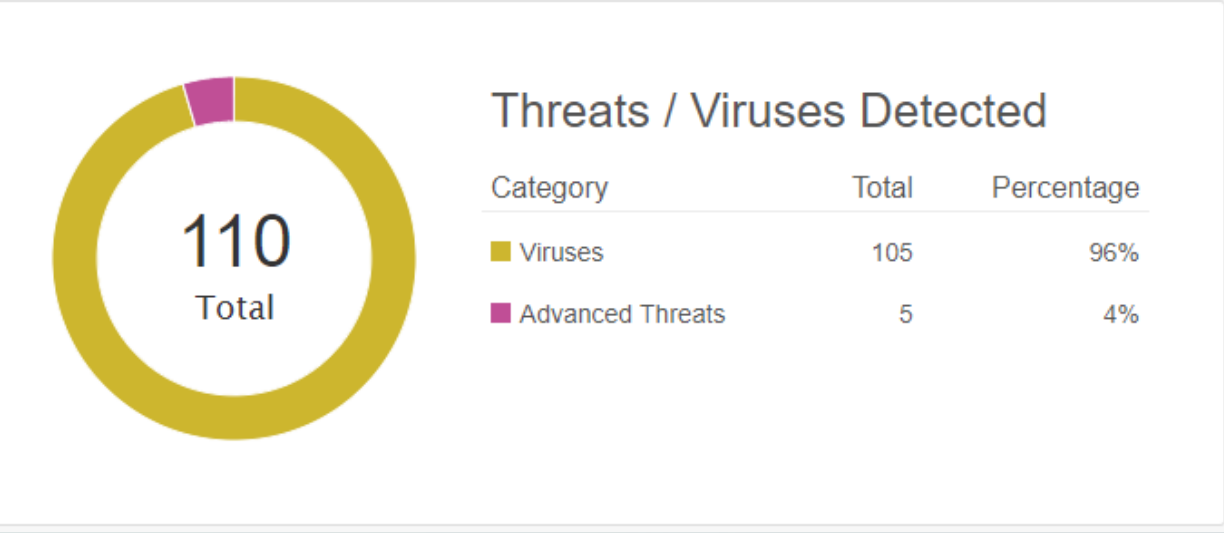
# Emails we block daily

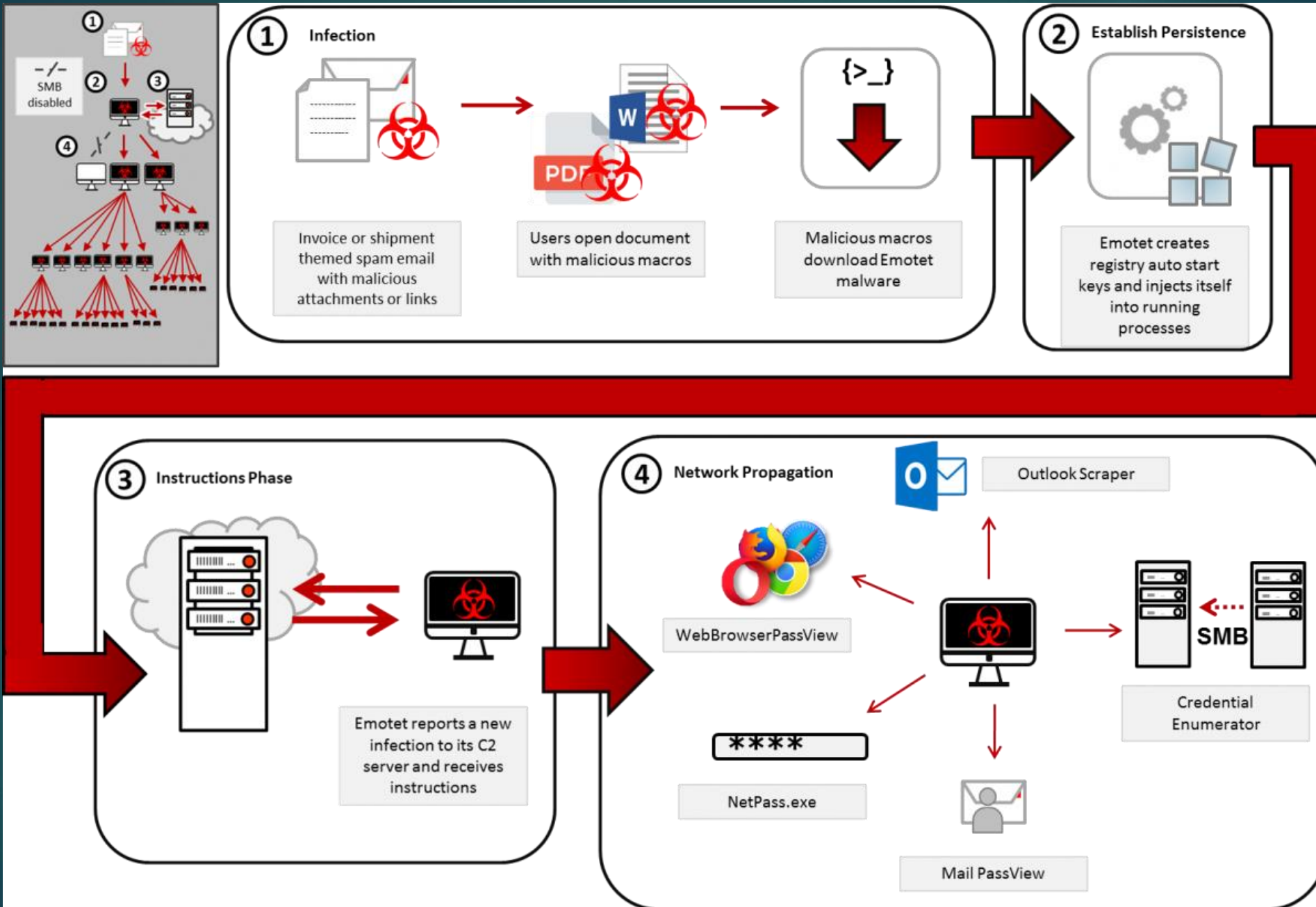
sgal_ggdbpdkp_k_thagkagf_thagkagf_a@bounce.mkt3630.com	king@jerichoschools.org	Would You Like To Go To Walt Disney World?	29...	Blocked	Score	5.3	barrac
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sgal_ggdbpdkp_k_thagkagf_thagkagf_a@bounce.mkt3630.com	loic.roux@jerichoschools.org	Returned mail: see transcript for details	66...	Blocked	Score	7.8	mail20
sgal_ggdbpdkp_k_thagkagf_thagkagf_a@bounce.mkt3630.com				Blocked	Authentication Fai...	unkno	
sgal_ggdbpdkp_k_thagkagf_thagkagf_a@bounce.mkt3630.com	egreenbaum@jerichoschools.org	Minimize negative thinking and repair self-trust with upcoming Daily Calms.	78...	Blocked	Score	5.0	barrac
sgal_ggdbpdkp_k_thagkagf_thagkagf_a@bounce.mkt3630.com	dsmitth@jerichoschools.org	Minimize negative thinking and repair self-trust with upcoming Daily Calms.	78...	Blocked	Score	5.0	barrac
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sgal_ggdbpdkp_k_thagkagf_thagkagf_a@bounce.mkt3630.com	ntomkiel@jerichoschools.org		78...	Blocked	Barracuda Reputa...	8-76-4	
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sgal_ggdbpdkp_k_thagkagf_thagkagf_a@bounce.mkt3630.com	cmanganiello@jerichoschools.org	Get 60% Off (A-Ao-Extra 20% Off) on Store Custom Erases (Save Ti...	38...	Blocked	Score	5.3	mail e

## Inbound Email Statistics: Overview



## Total Threats / Viruses: Overview













# Before you click

- ▶ Check the source
- ▶ Check the content
- ▶ Check the destination

**From:** Henry Grishman <[msg131390@aol.com](mailto:msg131390@aol.com)>

**Sent:** Thursday, February 28, 2019 9:31 AM

**Subject:** Request

Good Morning,

I'm having a busy day and could only count on you to keep this as a surprise. I'm looking forward to surprise some of the staff with gift cards and I want this to be between you and I pending when they received it. Are you able to make a purchase on my behalf quickly and what local store do you think we have around to make this purchase ? I would be reimbursing the funds back. I'm thinking Walmart since we have it almost everywhere.

Regards,  
Henry L. Grishman

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Regards,  
Henry L. Grishman

**From:** Daniel Salzman [Eduran@laregionaldeseguros.com]

**Sent:** Thursday, February 21, 2019 11:14 AM

**To:** [REDACTED]

**Subject:** Daniel Salzman Receipt for your invoice

## INVOICE RECEIPT

---

*"Regulado y Supervisado  
por la Superintendencia de  
Seguros y Reaseguros de  
Panamá".*

We have received your payment in the amount of \$1,526.00 for invoice .

View form(s) or to download, visit:

<https://secure/online/secur/list/R50QIOGjmvVlrr5xp5OZicMMcqrr>

Daniel Salzman

987-558-4435, direct (pls. try here first, during business hours)

987-558-3013, office

987-558-1365, fax

987-558-9938, mobile 0222/8871583, WhatsApp

**From:** Daniel Salzman [Eduran@laregionaldeseguros.com]

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987-558-9938, mobile 0222/8871583, WhatsApp

From: Sheri Manett <[manetts@grps.org](mailto:manetts@grps.org)>

Sent: Wednesday, February 13, 2019 1:44 PM

Subject: IT Help-Desk Support

IT Help-Desk Support

Important Notice from IT Help Desk Team, we are updating all Faculty/Staff and Employees mailbox to new Outlook Web App/Owa for 2019 version.

kindly click on [IT Support/Help-desk](#) to update the new version.

IT Support/Help-desk

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All right Reserved.

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IT Support/Help-desk

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[https://linkprotect.cudasvc.com/url?  
a=http://outlokweb.xyz/&c=e,1,  
1ikryej5arcr1--kukgvmrrc\\_06iqnfvbneytd  
pgw\\_coriuxvtlesaeyzz5jregnmhldbohmf  
wyggdhw6gs1d0yfshcyujpzosa82fih&typ  
o=1](https://linkprotect.cudasvc.com/url? a=http://outlokweb.xyz/&c=e,1, 1ikryej5arcr1--kukgvmrrc_06iqnfvbneytd pgw_coriuxvtlesaeyzz5jregnmhldbohmf wyggdhw6gs1d0yfshcyujpzosa82fih&typ o=1)  
Click or tap to follow link.

ity/Staff and Employees mailbox to new Outlook Web

**From:** Robin Holt <[RHolt@FortisCollege.edu](mailto:RHolt@FortisCollege.edu)>

**Date:** January 10, 2019 at 3:22:15 AM EST

**To:** Undisclosed recipients::

**Subject:** Please complete your assigned safety training

Dear,

You only have 24hrs to complete the following training:

- 2019 Micro-module - Safety Exercise - No Audio

Please use this link to complete your training:

[training.knowbe4/auth/saml/a1d3b621a4ce](https://training.knowbe4/auth/saml/a1d3b621a4ce)

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[training.knowbe4/auth/saml/a1d3b621a4ce](https://linkprotect.cudasvc.com/url? a=http://xeirios.co.jp/dir/&c=e,1, nipiypf7_dzb69gcngjde1eg1quaf98onljbn xtae5jafgndjsplkggwg6zumtslpxdzzyfc5ylt cahjswzd-ydnwilgga5hwnjkeftvo_iut9rn0i nu9w,,&typo=1 https://linkprotect.cudasvc.com/url? a=http://xeirios.co.jp/dir/&c=e,1, nipiypf7_dzb69gcngjde1eg1quaf98onljbn xtae5jafgndjsplkggwg6zumtslpxdzzyfc5ylt cahjswzd-ydnwilgga5hwnjkeftvo_iut9rn0i nu9w,,&typo=1 Click or tap to follow link. training.knowbe4/auth/saml/a1d3b621a4ce)

[https://linkprotect.cudasvc.com/url? a=http://xeirios.co.jp/dir/&c=e,1, nipiypf7\\_dzb69gcngjde1eg1quaf98onljbn xtae5jafgndjsplkggwg6zumtslpxdzzyfc5ylt cahjswzd-ydnwilgga5hwnjkeftvo\\_iut9rn0i nu9w,,&typo=1](https://linkprotect.cudasvc.com/url? a=http://xeirios.co.jp/dir/&c=e,1, nipiypf7_dzb69gcngjde1eg1quaf98onljbn xtae5jafgndjsplkggwg6zumtslpxdzzyfc5ylt cahjswzd-ydnwilgga5hwnjkeftvo_iut9rn0i nu9w,,&typo=1)  
Click or tap to follow link.



 Forward



Newland, Chelsye <newlandc@chapelhillisd.org>

 0

2/20/2019

**Important Update**



**You are authorized to update your mailbox storage. Your email needs to be confirmed by you before your mailbox storage can be updated with 2G more storage space in next 24 Hours. Click [here](#) for Update immediately.**

 Forward



Newland, Chelsye <newlandc@chapelhillisd.org>

 0

2/20/2019

## Important Update



<https://docs.google.com/forms/d/e/1faipqlsfu3kicxffnesyxfean15qpnehnrioj1bllqxwb9lnfdbeb8q/viewform>

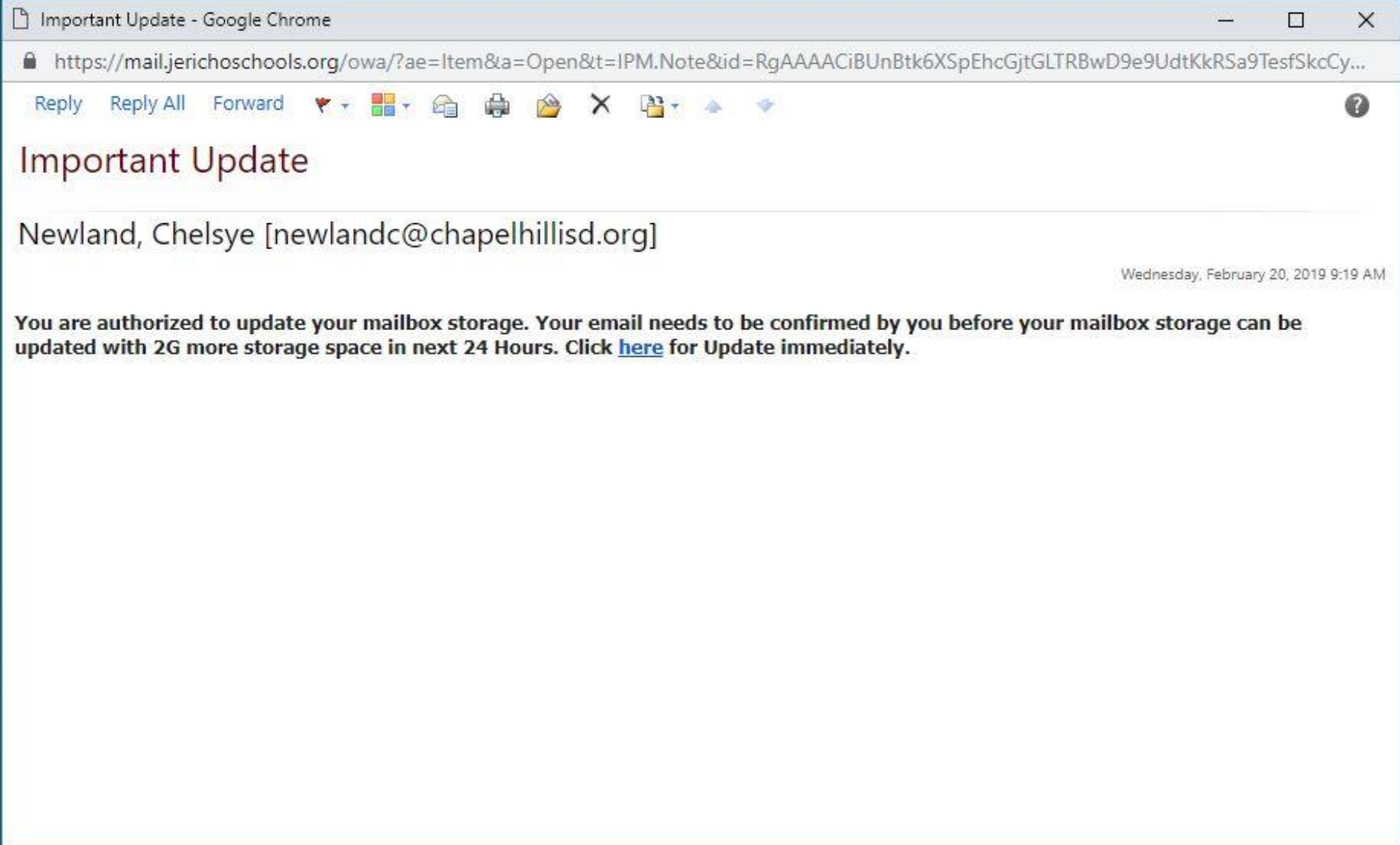
Click or tap to follow link.

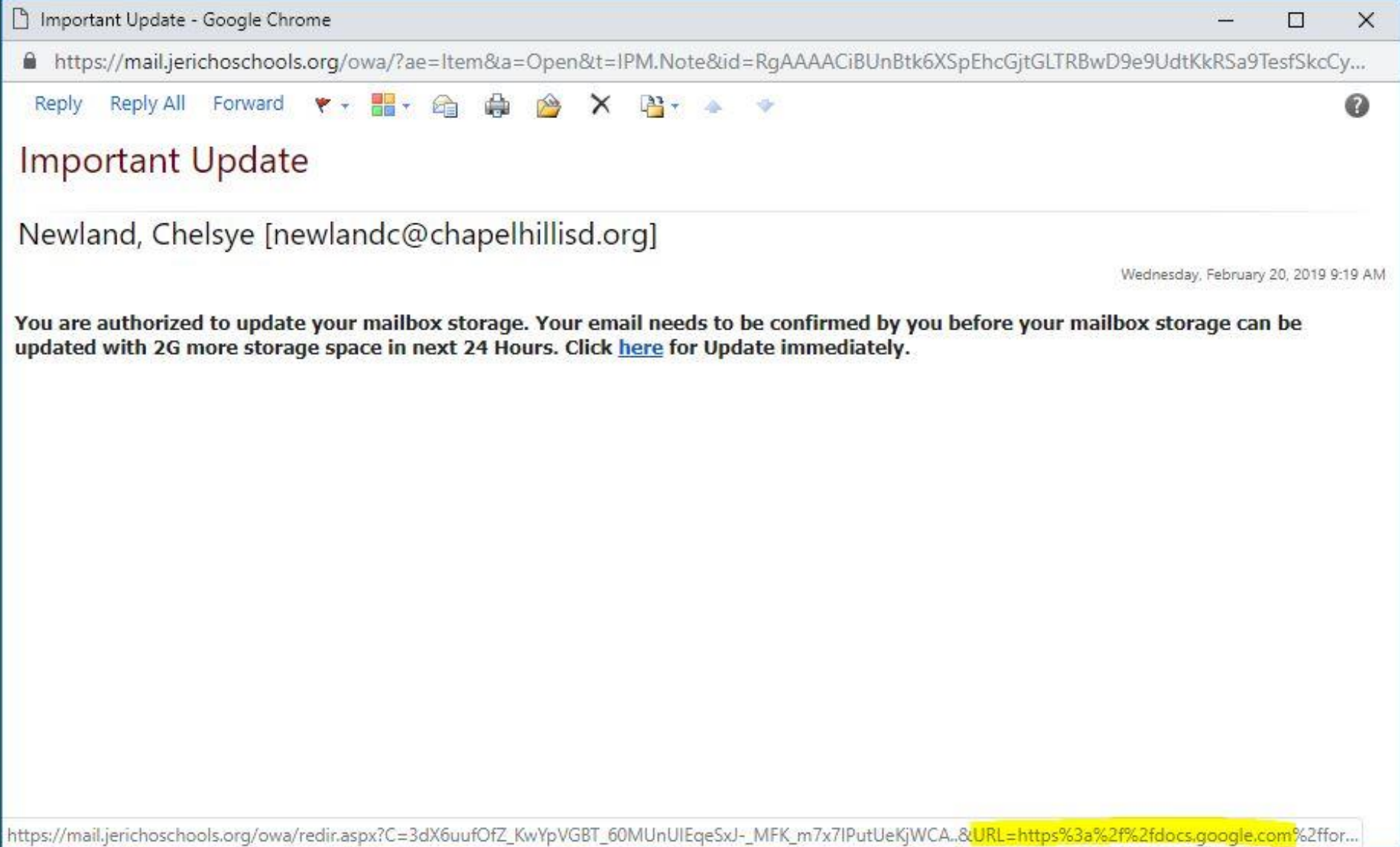
**You are a mailbox storage. Your email needs to be confirmed by you before you updated with 2G more storage space in next 24 Hours.**  
Click [here](#) for Update immediately.



**SUBMIT**

Never submit passwords through Google Forms.





---

From: Commercial Account Manager [methawee.ar@cj.net]

Sent: Monday, March 25, 2019 4:09 PM

To: Michael B. Kramer

Subject: Re: AW: March invoice # PDS41478EN

Please advise when we can expect payment of the attached invoice. Thank you.

[http://51.175.83.46/includes/tcGI-QDII\\_QiIWkwdwF-Eh/](http://51.175.83.46/includes/tcGI-QDII_QiIWkwdwF-Eh/)

Best regards,

Daniel Salzman

[dsalzman@jerichoschools.org](mailto:dsalzman@jerichoschools.org)



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Click or tap to follow link.

[http://51.175.83.46/includes/tcGI-QDli\\_QiIWkwdwF-Eh/](http://51.175.83.46/includes/tcGI-QDli_QiIWkwdwF-Eh/)

Best regards,

Daniel Salzman

[dsalzman@jerichoschools.org](mailto:dsalzman@jerichoschools.org)



## FW: Revised Employee Salary Schedule



Revised Employee Salary Schedule.pdf  
197 KB

fyi

---

**From:** Marion H. Wilkins <[marion\\_wilkins@surryschoools.net](mailto:marion_wilkins@surryschoools.net)>

**Sent:** Friday, January 11, 2019 11:46 AM

**Subject:** Revised Employee Salary Schedule

Please Find attached Districts newly proposed Salary Schedule for your review.

Thanks,  
Marion H Wilkins

[Surry County Public Schools Confidentiality Notice: This e-mail message, including any attachments, is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited. If you are not the intended recipient, please contact the sender immediately by reply e-mail and destroy all copies of the original message.]



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**From:** Mail Delivery System <[mailer-daemon@p3plsmtp16-05-25.prod.phx3.secureserver.net](mailto:mailer-daemon@p3plsmtp16-05-25.prod.phx3.secureserver.net)>

**Sent:** Thursday, February 7, 2019 8:42 AM

**To:** [REDACTED]@jerichoschools.org>

**Subject:** Undeliverable: Message Delivery Faliure

**Notification: new 4 messages have failed to be delivered**

[REDACTED]@jerichoschools.org

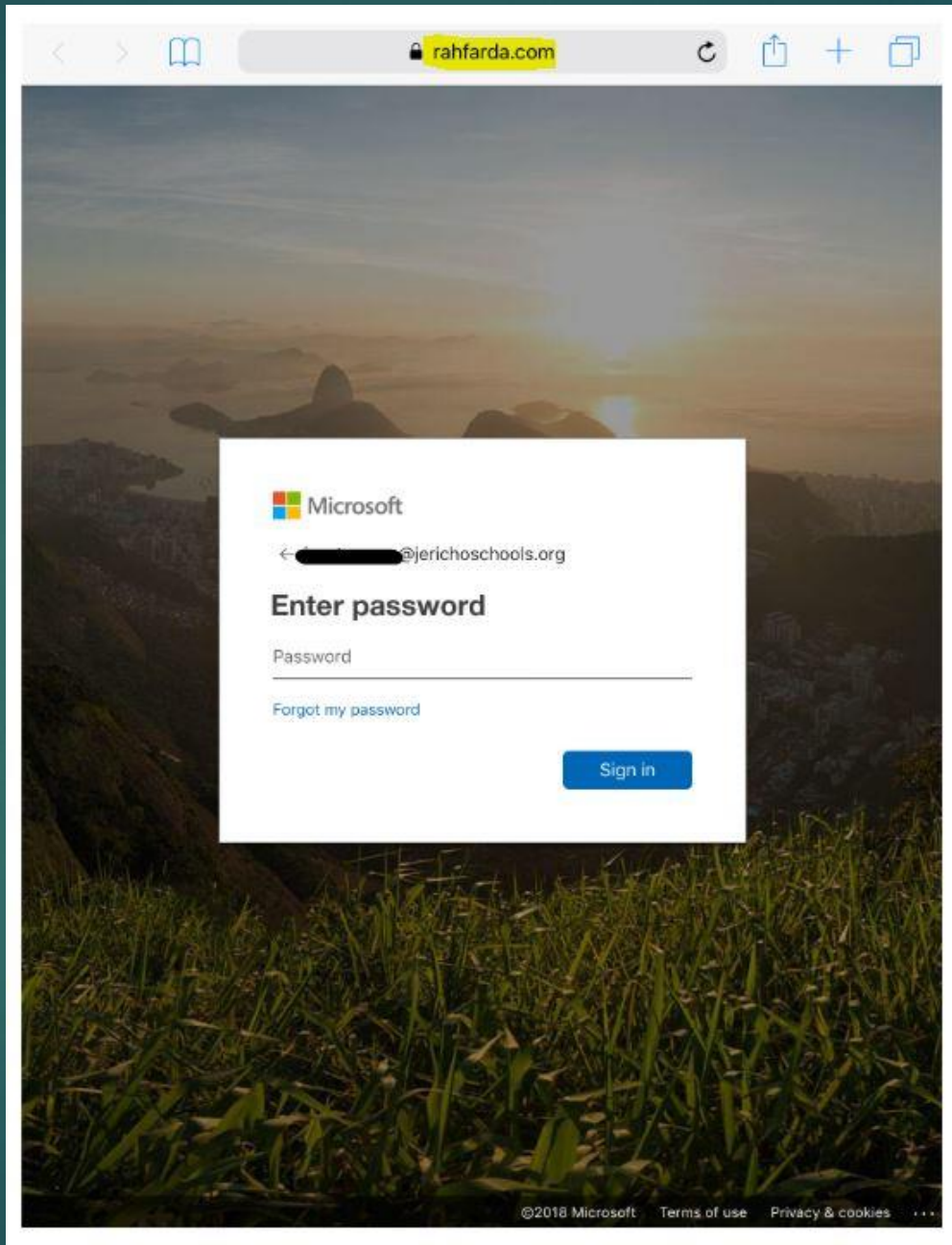
Mail Server has encountered an outgoing server failure which left some of your messages undelivered. Some of your outgoing messages were affected and can be resend now.

[Resend Now](#)

We are always working to give you the best email experience. We are sorry for any inconvenience caused.

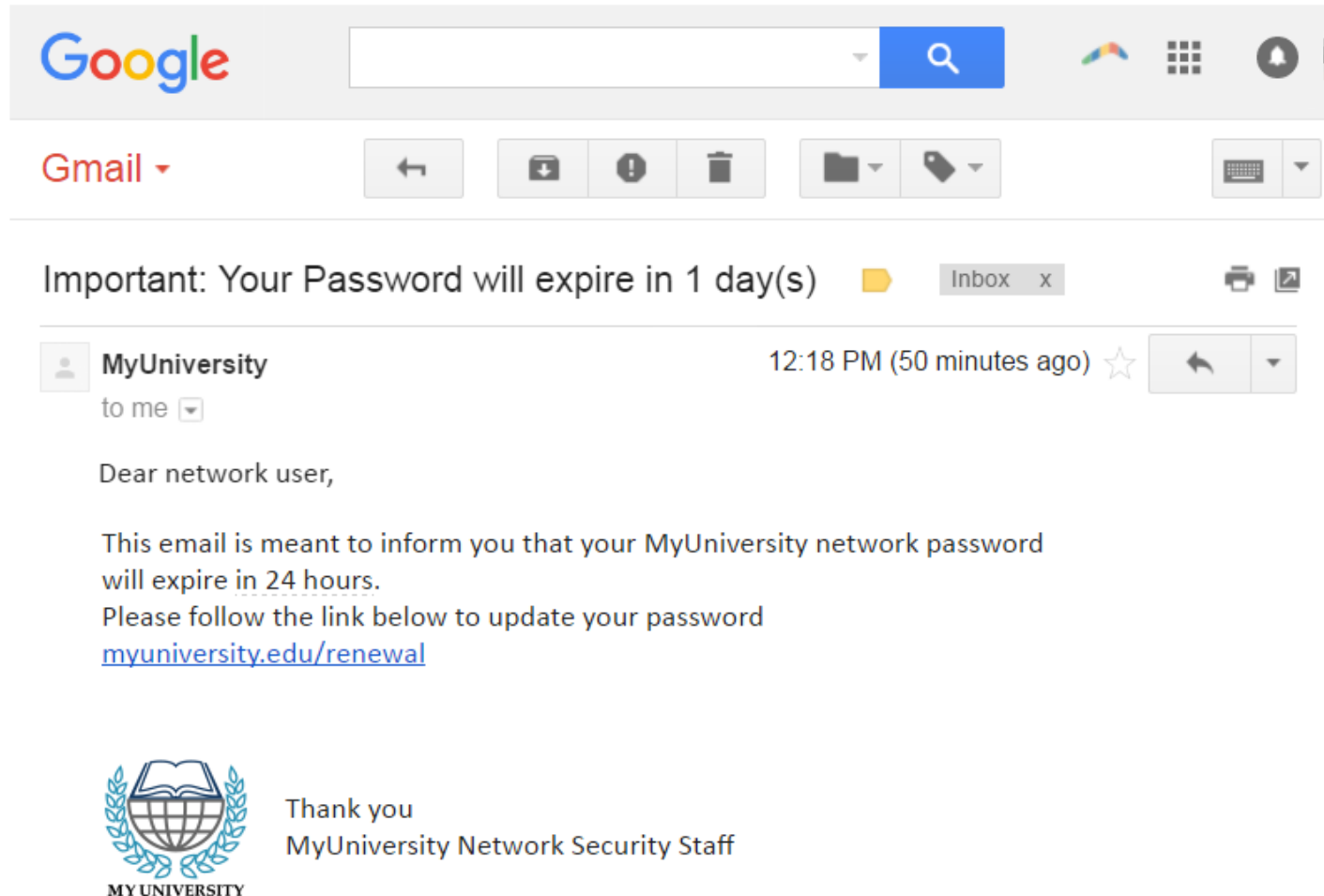
@2019 Email Service Cooperation





The following illustrates a common phishing scam attempt:

1. A spoofed email ostensibly from *myuniversity.edu* is mass-distributed to as many faculty members as possible.
2. The email claims that the user's password is about to expire. Instructions are given to go to *myuniversity.edu/renewal* to renew their password within 24 hours.







Several things can occur by clicking the link. For example:

- The user is redirected to *myuniversity.edurenewal.com*, a bogus page appearing exactly like the real renewal page, where both new and existing passwords are requested. The attacker, monitoring the page, hijacks the original password to gain access to secured areas on the university network.
- The user is sent to the actual password renewal page. However, while being redirected, a malicious script activates in the background to hijack the user's session cookie. This results in a [reflected XSS](#) attack, giving the perpetrator privileged access to the university network.

File

Message

Help

Tell me what you want to do

Delete

Archive

Reply

Reply All

Forward

Protect

ME

To Manager

Team Email

Move

Tags

Editing

Speech

Zoom

Zoom

MyAnalytics

Report Message

Protection

RE

Thu 3/14/2019 4:24 AM

RBC Express Online <[REDACTED]>

[NOTICE ID-9358408541] Secure Message TPVISROY

To [REDACTED]

This message was sent with High importance.

e

7TH5WESGKNC4QSZ6W0RTYFHX6GW8FE.html

11 KB

Dear RBC Express Customer [REDACTED],

You have received a message that requires your attention:

To view your message, please follow the instructions in attachment.

-----

Royal Bank of Canada 1995-2019.

RBC Royal Bank


Legitimate URL

https://www6.rbc.com/webapp/ukv0/signin/logon.xhtml?target=/

RBC Royal Bank

Phishing URL domain

https://www6.rbc.com.webapp.ukv0.signin.logon.xhtml.genysisadv.com/webapp/ukv0/signin/logon.xhtml/clientContext-5c8bf19976a9e\_bcdcb8e131abdfc0f9bfe15450627ca8/sign

 RBC Royal Bank®

RBCRoyalBank.com | Customer Service | Français

Mar 15, 2019

How Can We Help?

[Get Sign In Help](#)

[View System Requirements](#)

[Contact Us](#)

[Sign Up For Training](#)

RBC Express Highlights

[Take a Tour \(video\)](#)

Sign In to RBC Express Online Banking

Sign In ID:

☐ Remember my Sign In ID

[Learn More](#)


Password:

[Forgot Password](#)

Token Number:


(if required)

Sign In



RBC Commercial Cards Program.  
Gain control over company expenses and insights on spending.

Learn More



**From:** UPS Delivery [Frank@tscreen.com]  
**Sent:** Wednesday, January 09, 2019 1:22 PM  
**To:** Barry Grossman  
**Subject:** UPS USA



Dear Client,

Your order was successfully delivered to the fulfillment center and ready to be delivered to you. But the address in your order was listed with an error and we can not deliver the order to you.

**Order number:**

**Delivery date:**

**Status:** delivered

Check your order

[https://linkprotect.cudasvc.com/url? a=http://wisconsintriserries.com/ adtadayf&c=e,1, djkl3glenf7skdjv\\_y1pkj8e5-a9ozbfp3d9jdl mbflueshbibscwcpfshbjpcfk9l0fnzrn6nr -g2mc\\_uatiiop40uplu175ywnl2sxi9cso, &typo=1](https://linkprotect.cudasvc.com/url? a=http://wisconsintriserries.com/ adtadayf&c=e,1, djkl3glenf7skdjv_y1pkj8e5-a9ozbfp3d9jdl mbflueshbibscwcpfshbjpcfk9l0fnzrn6nr -g2mc_uatiiop40uplu175ywnl2sxi9cso, &typo=1)  
Click or tap to follow link.

**CHECK ORDER**



American Express <AmExpress@welcome.axpmail.com>

amexpress@welcome.axpmail.com

1

## Notice Concerning your CardMember Account.

If there are problems with how this message is displayed, click here to view it in a web browser.



AMEX10929401DT.htm  
2 KB



# AMERICAN EXPRESS

In Regards to Basic Card Member

Account Ending: 1001

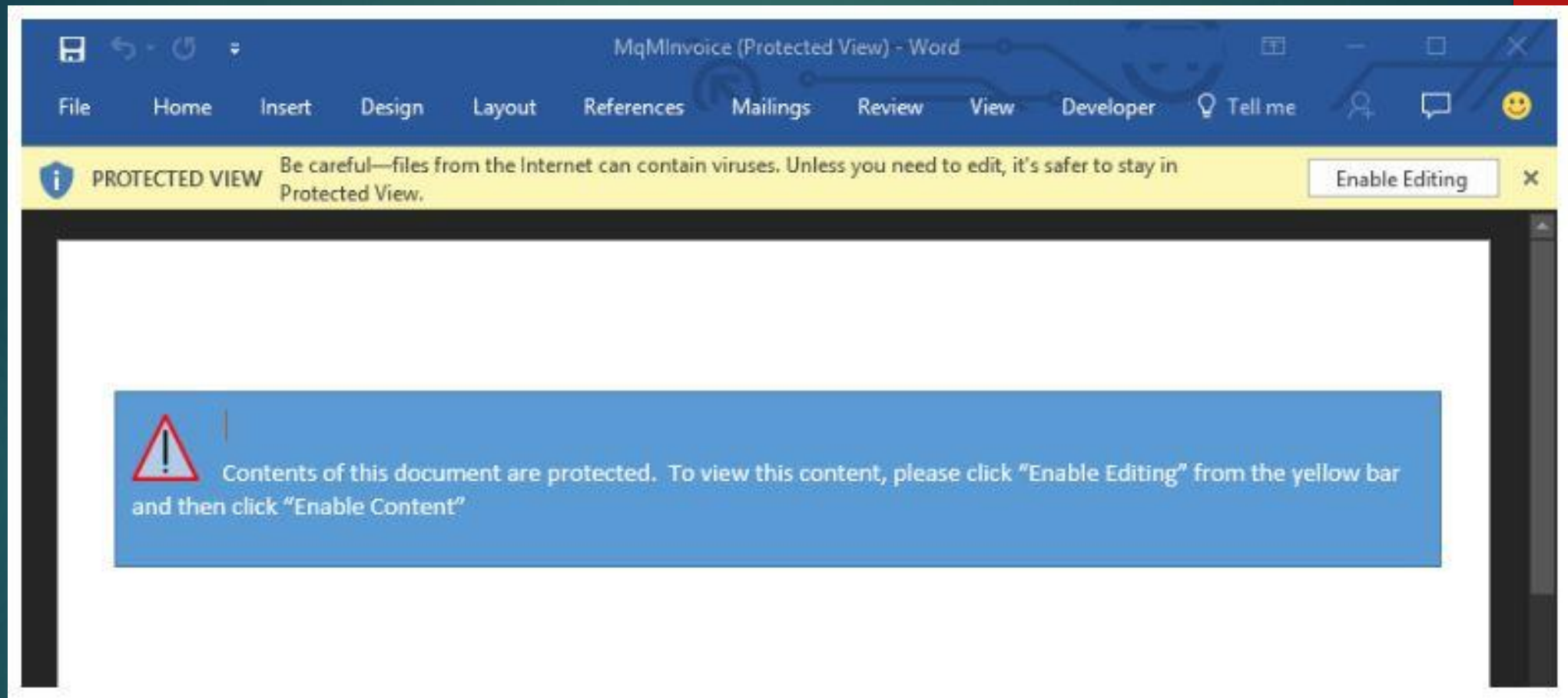
We're reaching out about a partial upgrade on our **online service platform** and we feel the need to evaluate Cardmember's profile.

At the moment of evaluation, your profile didnt fully pass our checks.

However, For safety reason, We declined access to your profile information and request that you confirm with us what's on file for you.

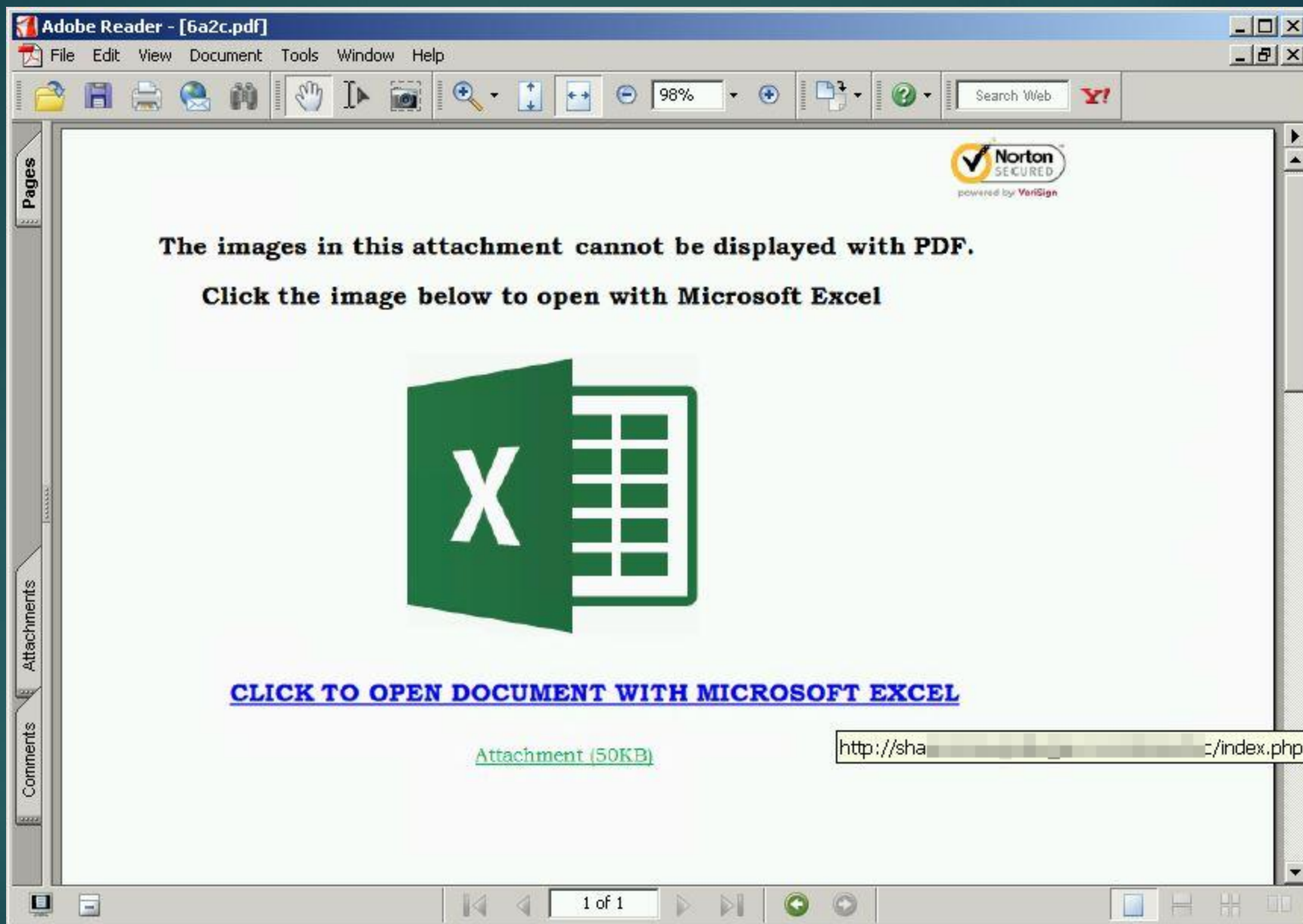
Attached along this message is a web filliable form.  
**Complete request by downloading and filling out the form.**











Excel Online - 09KSIDJR4

shant009ab1/

FILEHOMEINSERTDATAREVIEWVIEWTell me what you want to doOPEN IN EXCEL

Undo

Cut

Paste

Clipboard

Calibri

11

**B**

*I*

U

D

**A**

Font

Wrap Text

Merge & Center

Alignment

ABC 123

Number Format

Number

Survey

Format as Table

Tables

Insert

Delete

Cells

Σ AutoSum

Clear

Editing

Z A Z

Sort

Find

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PAGE 1/40

(1) CONTRACT TERMS AND CONDITION / C

(2) FUND ALLOCATION / PURCHASE ORDER (

(3) DELIVERY PERIOD (duration) / PORT OF DESTINATION

(4) DELIVERY TERMS / PAYMENT TERMS / QUOTE VALIDITY

CONFIDENTIAL

Office

Excel

baba

ita.com

.....

Invalid username and password

Download

Starting...

Sheet1

From: DNA Learning Center - Middle School <dnalc-ms@cshl.edu>  
To: [REDACTED]  
Subject: New INVOICE Jan 23 2019  
Date: 2019-01-23 09:06AM  
[Show Details](#)

Message

Source

Whitelist

Block ▾

Download

Deliver

Hello,

With regards to attached invoice - Your contract does not state free of charge rate change, which is why you have been invoiced.

[Invoice is attached.](#)

We are appreciate your immediate attention to this matter.

DNA Learning Center - Middle School

Direct #: 875-657-4842  
875-073-2333 x354  
EMAIL:dnalc-ms@cshl.edu

If you have any questions or concerns do not hesitate to contact me. If you have a billing questions please email dnalc-ms@cshl.edu.



<u>Responder Country</u>	<u>Ingress Security Zone</u>	<u>Egress Security Zone</u>	<u>Source Port / ICMP Type</u>	<u>Destination Port / ICMP Code</u>	<u>Application Protocol</u>	<u>Client</u>	<u>Web Application</u>	<u>URL</u>
 <b>IRN</b>	Inside-Interface	Outside-Interface	53189 / tcp	80 (http) / tcp	<input type="checkbox"/> HTTP	<input type="checkbox"/> Chrome	<input type="checkbox"/> Web Browsing	http://2080dent.com/mifidw8/Clients_transactions/2...
 <b>IRN</b>	Inside-Interface	Outside-Interface	53186 / tcp	80 (http) / tcp	<input type="checkbox"/> HTTP	<input type="checkbox"/> Chrome	<input type="checkbox"/> Web Browsing	http://2080dent.com/mifidw8/Clients_transactions/2...



**From:** Laura Peterson <[lpeterson@vs24.org](mailto:lpeterson@vs24.org)>

**Sent:** Friday, October 12, 2018 3:34 PM

**Subject:** Please Review Documents

**Your document has been completed**

**From:** Laura Peterson

**Sent on behalf of OneDrive**

[lpeterson@vs24.org](mailto:lpeterson@vs24.org)

Hello

You have a binder shared with you through OneDrive

This email contains a secure link to OneDrive. Please do not share this email, link, or access code with others.

To view the documents, and other information, please click on view Document.

**[VIEW DOCUMENT](#)**

**Director of Special Education**

Valley Stream UFSD #24

Robert W. Carbonaro School

50 Hungry Harbor Rd

Valley Stream, NY 11581

516-434-2871

FAX: 516-791-0932



**From:** Laura Peterson <[lpeterson@vs24.org](mailto:lpeterson@vs24.org)>

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To view the documents, and other information, please click on the link below.

[https://linkprotect.cudasvc.com/url? a=http://texas.sla1.org/cg-b/index.php&c=e,1,sv5aabvtw3dizuunhrbxddqm1eyin\\_oj8nhx2cvntwfwpdjt1sodh5fye88tbuvdke91kwt9f7re7id4h14fm9-c-ihgph5agv8o3pihg,,&typo=1](https://linkprotect.cudasvc.com/url? a=http://texas.sla1.org/cg-b/index.php&c=e,1,sv5aabvtw3dizuunhrbxddqm1eyin_oj8nhx2cvntwfwpdjt1sodh5fye88tbuvdke91kwt9f7re7id4h14fm9-c-ihgph5agv8o3pihg,,&typo=1)  
Click or tap to follow link.

**VIEW DOCUMENT**

### Director of Special Education

Valley Stream UFSD #24

Robert W. Carbonaro School

50 Hungry Harbor Rd

Valley Stream, NY 11581

516-434-2871

FAX: 516-791-0932

**From:** Mona Baldauf <[MBaldauf@nasboces.org](mailto:MBaldauf@nasboces.org)>

**Sent:** Monday, October 22, 2018 4:15 AM

**Subject:** Docu

**\*Your document has been completed\***

Please DocuSign these documents: \*Final\_Selling\_disclosure.pdf\*.

To view the secured documents, recipients, and other information, please click on the link below and sign in via your email provider.

**[View Documents](#)**

Docu sent you a new document via DocuSign Updated Agreement/Closing Statment. 28.10.18 to view and signing Please click on the 'View Documents' link below to begin signing.

If you need assistance, please contact DocuSign Support ([service@docusign.net](mailto:service@docusign.net))

The Global Standard For Digital Transaction Management

**Do Not Share This Email**

This email contains a secure link to DocuSign. Please do not share this email, link, or access code with others.

**From:** Mona Baldauf <[MBaldauf@nasboces.org](mailto:MBaldauf@nasboces.org)>  
**Sent:** Monday, October 22, 2018 4:15 AM  
**Subject:** Docu

**\*Your document has been completed\***

Please DocuSign these documents: \*Final\_Selling\_disclosure.pdf\*.

To view the secured documents, recipients, and other information, please click on the link below and sign in via your email provider.

<http://x.co/6nixon>  
Click or tap to follow link.

**[View Documents](#)**

Docu sent you a new document via DocuSign Updated Agreement/Closing Statment. 28.10.18 to view and signing Please click on the 'View Documents' link below to begin signing.

If you need assistance, please contact DocuSign Support ([service@docuSign.net](mailto:service@docuSign.net))

The Global Standard For Digital Transaction Management

**Do Not Share This Email**

This email contains a secure link to DocuSign. Please do not share this email, link, or access code with others.



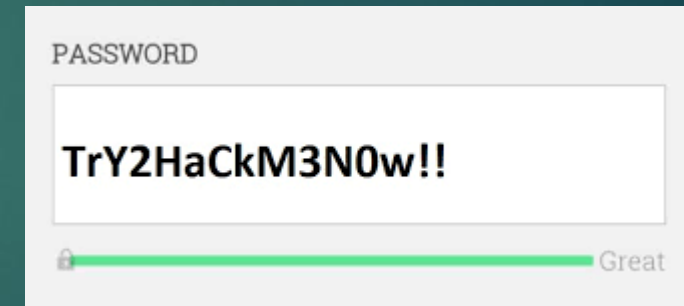
	From ▾	To	Subject	Date	Size	Delivery	Reason
	AP Psychology	mhynes@jerichoschools.org	» Payment status	06:29AM	4 KB	Delivered	
	Mendelsohn Howard (21...	ldunckley@jerichoschools.org	» Payment Status	03/13 07:41AM	5 KB	Not Delivered	Barracuda Real-Tir
	Mendelsohn Howard (21...	ldunckley@jerichoschools.org	» Payment Status	03/13 07:29AM	5 KB	Not Delivered	Intent Analysis
	Mendelsohn Howard (21...	ldunckley@jerichoschools.org	» Payment Status	03/13 07:29AM	5 KB	Not Delivered	Intent Analysis
	Mendelsohn Howard (21...	ldunckley@jerichoschools.org	» Payment Status	03/13 07:19AM	5 KB	Not Delivered	Intent Analysis
	Mendelsohn Howard (21...	ldunckley@jerichoschools.org	» Payment Status	03/13 07:19AM	5 KB	Not Delivered	Intent Analysis
	Evelyn Goldman	parentsofhighschoolstudents@jericho...	» Payment Status	03/12 08:20AM	4 KB	Not Delivered	Sender Policy Frar
	Michael Gordon	bperrone@jerichoschools.org	» Payment Status	03/12 08:19AM	4 KB	Not Delivered	Sender Policy Frar
	Cls-H: A.P. Physics 1 (3) ...	jmanko@jerichoschools.org	» Payment Status	03/12 08:19AM	4 KB	Not Delivered	Sender Policy Frar
	John Mankowich	parentsofmiddleschoolgrade6students...	» Payment Status	03/12 08:19AM	4 KB	Not Delivered	Sender Policy Frar
	Jerry Yu	jerichopasswords@jerichoschools.org	» Payment Status	03/12 08:17AM	4 KB	Not Delivered	Sender Policy Frar
	John Mankowich	kathleen.greene@jerichoschools.org	» Payment Status	03/12 08:16AM	4 KB	Not Delivered	Sender Policy Frar
	Denise Nash	jerichostaff@jerichoschools.org	» Payment Status	03/12 08:17AM	4 KB	Not Delivered	Sender Policy Frar
	John Franchi	sbianco@jerichoschools.org	» Payment Status	03/12 08:17AM	4 KB	Not Delivered	Sender Policy Frar
	John Mankowich	coconnell@jerichoschools.org	» Payment Status	03/12 08:16AM	4 KB	Not Delivered	Sender Policy Frar
	Daniel Salzman	adantonio@jerichoschools.org	» Payment Status	03/12 08:17AM	4 KB	Not Delivered	Sender Policy Frar
	John Mankowich	jwhelan@jerichoschools.org	» Payment Status	03/12 08:16AM	4 KB	Not Delivered	Sender Policy Frar
	Dave Zawatson	mburkowsky@jerichoschools.org	» Payment Status	03/12 08:16AM	4 KB	Not Delivered	Sender Policy Frar
	John Mankowich	sdunn@jerichoschools.org	» Payment Status	03/12 08:16AM	4 KB	Not Delivered	Sender Policy Frar
	John Mankowich	parentsofmiddleschoolgrade8students...	» Payment Status	03/12 08:16AM	4 KB	Not Delivered	Sender Policy Frar
	John Mankowich	parentsofhighschoolgrade11students...	» Payment Status	03/12 08:16AM	4 KB	Not Delivered	Sender Policy Frar
	John Mankowich	wschuster@jerichoschools.org	» Payment Status	03/12 08:16AM	4 KB	Not Delivered	Sender Policy Frar
	John Mankowich	gberry@jerichoschools.org	» Payment Status	03/12 08:16AM	4 KB	Not Delivered	Sender Policy Frar
	John Mankowich	jsmith@jerichoschools.org	» Payment Status	03/12 08:16AM	4 KB	Not Delivered	Sender Policy Frar
	John Mankowich	lfunes@jerichoschools.org	» Payment Status	03/12 08:16AM	4 KB	Not Delivered	Sender Policy Frar
	John Mankowich	sclarkin@jerichoschools.org	» Payment Status	03/12 08:16AM	4 KB	Not Delivered	Sender Policy Frar
	John Mankowich	tderose@jerichoschools.org	» Payment Status	03/12 08:16AM	4 KB	Not Delivered	Sender Policy Frar
	John Mankowich	jbaum@jerichoschools.org	» Payment Status	03/12 08:16AM	4 KB	Not Delivered	Sender Policy Frar
	Lori-Ann Savino	bspahn@jerichoschools.org	» Payment Status	03/12 08:16AM	4 KB	Not Delivered	Sender Policy Frar
	HS Guidance Teachers	atepedino@jerichoschools.org	» Payment Status	03/12 08:16AM	4 KB	Not Delivered	Sender Policy Frar
	Cls-H: Public Speaking (2...	rketterer@jerichoschools.org	» Payment Status	03/12 08:16AM	4 KB	Not Delivered	Sender Policy Frar
	Janis DeMieri	lsavino@jerichoschools.org	» Payment Status	03/12 08:16AM	4 KB	Not Delivered	Sender Policy Frar
	Scheduling Committee	hsguidanceteachers@jerichoschools.org	» Payment Status	03/12 08:16AM	4 KB	Not Delivered	Sender Policy Frar
	Vegas, Laura	lschneider@jerichoschools.org	» Payment Status	03/12 08:01AM	3 KB	Not Delivered	Barracuda Reputat
	Wasielesky, Jennifer	vmignone@jerichoschools.org	» Payment Status	03/11 12:43PM	344 KB	Not Delivered	Score
	Montserrat Anna (02M475)	mberkovsky@jerichoschools.org	» Payment status	03/07 02:18PM	280 KB	Not Delivered	Barracuda Real-Tir
	Dunne, Kathleen M.	ewaters@jerichoschools.org	» Payment status	03/07 01:13PM	276 KB	Not Delivered	Barracuda Real-Tir
	Keith Connors	kconnors@jerichoschools.org	» Payment Status	03/07 01:10PM	276 KB	Not Delivered	Barracuda Reputat

# Summary

- ▶ Check the sender
- ▶ Check the content
- ▶ Check the link
- ▶ If you weren't expecting it, it's probably malicious
- ▶ Do not open suspicious emails or click on unknown links
- ▶ If the message appears to be a phishing email, do not respond
- ▶ Never respond to an email requesting sensitive personal information
- ▶ Report suspicious emails to the IT department immediately

# Passwords

Your password is not unique. Some are quite common. For example, the password “12345” has been exposed 2.3m times, “secret” 221,972 times, “god” 32,804 times and “arcticmonkeys” 649 times.





# Passwords

- ▶ Use a strong password
- ▶ Use a different password for every site
- ▶ Use a password manager
- ▶ Use 2-Step Verification (aka 2-Factor Authentication)

# Hackers Have Your Password

- ▶ Many companies have reported data breaches in recent years.
- ▶ There's a good chance that one of your passwords was exposed in one or more of these breaches.
- ▶ Databases of stolen passwords are available on the "Dark Web"
- ▶ Hackers sometimes use this in threatening emails

<https://haveibeenpwned.com/>

## Breaches you were pwned in

A "breach" is an incident where data has been unintentionally exposed to the public. Using the 1Password password manager helps you ensure all your passwords are strong and unique such that a breach of one service doesn't put your other services at risk.

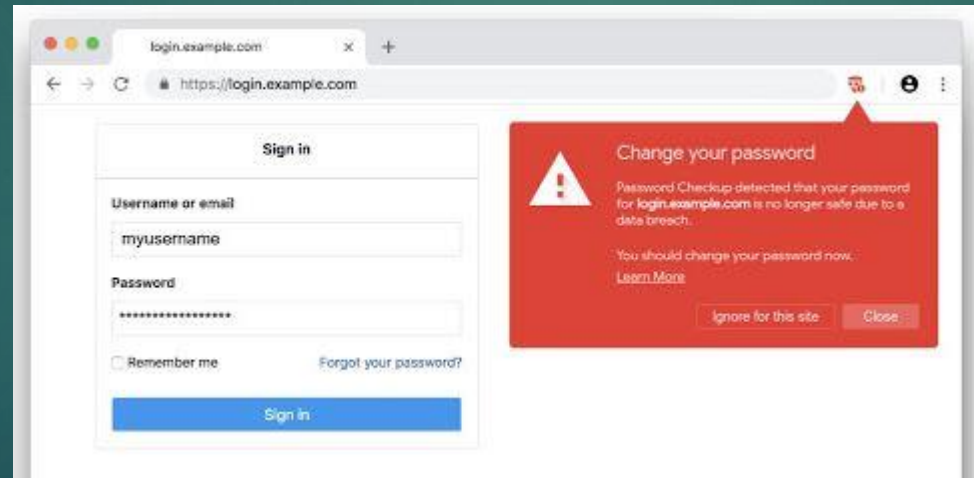


**Adobe:** In October 2013, 153 million Adobe accounts were breached with each containing an internal ID, username, email, *encrypted* password and a password hint in plain text. The password cryptography was poorly done and many were quickly resolved back to plain text. The unencrypted hints also disclosed much about the passwords adding further to the risk that hundreds of millions of Adobe customers already faced.

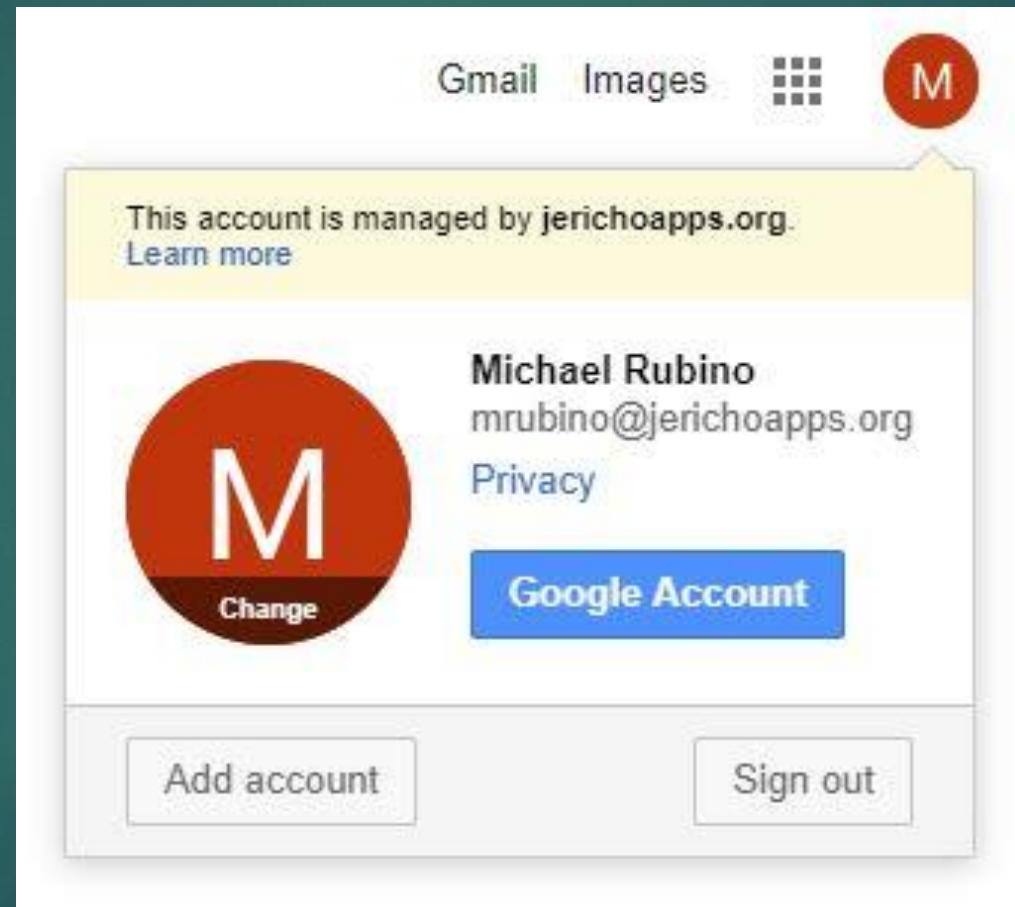
**Compromised data:** Email addresses, Password hints, Passwords, Usernames

# Google Password Checkup


- ▶ A Chrome extension that helps you resecure accounts that were affected by data breaches.
- ▶ Wherever you sign-in, if you enter a username and password that is no longer safe due to appearing in a data breach known to Google, you'll receive an alert.





# Check Your Account





# Check Your Account


 Home


 Personal info

 Data & personalization

 Security

 People & sharing

 Payments & subscriptions


 Help

## Security

Settings and recommendations to help you keep your account secure

### Security issues found


Protect your account now by resolving these issues



[Secure account](#)




# Check Your Account





## Security Checkup


2 issues found

 Recent security events

### New sign-in on Windows



 Near Jericho, NY, USA


 March 13, 8:32 AM


Was this you?


No, it wasn't me

Yes

### New sign-in on Windows




 Near Long Beach, NY, USA

 March 11, 12:40 PM


Was this you?


No, it wasn't me

Yes


 Your devices

7 signed-in devices





 2-Step Verification


2-Step Verification is on





# Check Your Account


 Your devices 


7 signed-in devices


 **Windows** - MRUBINO-C  
Jericho, NY, USA · [This device](#)


 **Windows**  
Jericho, NY, USA · Mar 13

 **Windows** - LBB  
Long Beach, NY, USA · Mar 11

 **Windows** - MRUBINO-VM  
Jericho, NY, USA · Feb 26

 **Windows** - DESKTOP-R73GGL2  
Long Beach, NY, USA · Feb 23


 **Google Chromebook** - Chromebook  
Jericho, NY, USA · Jan 30

 **Chrome devices** - Chromebook  
[What's this?](#)  
Jericho, NY, USA · Jan 29

[Don't recognize a device?](#)

# Check Your Account

Signing in to Google



Password	Last changed Jul 30, 2018	>
2-Step Verification	<input checked="" type="checkbox"/> On	>
App passwords	None	>

# At Home

- ▶ Back up your files
- ▶ Install all operating system updates
- ▶ Use security software and make sure you set it to update automatically

## Hacked Email: What to Do





**If you didn't expect it, reject it!**  
**Don't click unexpected links**

**THE TRAP:** You receive an unexpected email that claims to be from the "Help Desk" or someone you know. It says it's urgent. You must click a link to prevent problems with your account.

**YOUR DEFENSE:** Be skeptical of any email that you aren't expecting.



## Passwords in Email = Epic Fail

### Never send your password in email

**THE TRAP:** You receive an urgent email that appears to be from Jericho asking you to reply with your password because your account is "compromised" or "over quota" or "suspended due to inactivity".

**YOUR DEFENSE:** Jericho will never ask you to any personal information via email

**Remember:** Only You can Protect your Jericho Password!

**NO Password sharing:** With other teachers or faculty



## Hover to Discover

Look out for deceptive links

**THE TRAP:** You receive an email telling you to "click here" to verify your account.

**YOUR DEFENSE:** Hover over the link (don't click!), or for a touchscreen, press and hold the link (don't tap!) to reveal the actual URL.



**Not Sure if it's a Phish?**

**Drop us a line**

**THE TRAP:** You receive an email that looks like it's an official Jericho email. You are not sure if this is a phishing attempt.

**YOUR DEFENSE:** Forward the message Jericho Technology (link sends e-mail)

