

Eml file of email

Source : https://github.com/rf-peixoto/phishing_pot/blob/main/email/sample-1030.eml

Headers

Date: Wed, 02 Aug 2023 20:45:14 +0000

Subject: 3nd attempt: You Are Our July Winner Ultimate Nonstick Cookware

To: phishing@pot

From: noreply@costco.com

Return-Path: 7gzye41@oqmhwr.net

Sender IP: 89.144.10.219

Resolve Host: 89-144-10-219.altunhost.com

URLs

hxxps[://]i[.]imgur[.]com/r3tErDX[.]png

http://thebandalisty[.]com/rd/u40160ctlWW22448528lFms49413vFR67002TmWk2845

http://thebandalisty[.]com/rd/c40160pGvPy22448528YPxp49413HPa67002PzOZ2845

Description

This email is claiming to be from “Costco Wholesale Corporation” that the recipient has gotten a reward.

It claims that recipient has been chosen to receive brand new ultimate Nonstick Cookware as a reward.

There are several indication of persuading a recipient through impersonation, along with urgency as it claims the reward offer expire on “August 9, 2023” if not grab the reward by then.

Artifact Analysis

Sender Analysis:

Although claiming to be from Costco Wholesale Corporation, the Return Path header indicate that this email originated form the altunhost.com mail server and also utilized qmhwr.net, neither of them are affiliated with Costco.

If we take a closer look on a email subject, there is a indication of grammatical error in the subject line. I.e(**3nd attempt**)

URL Analysis:

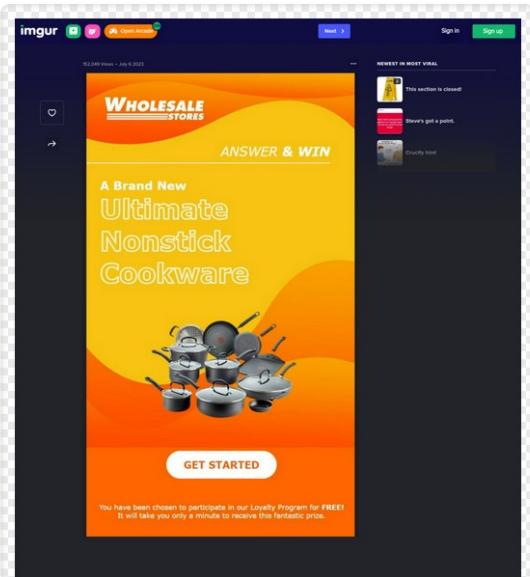
After performing a URL reputation check using URL2PNG and VirusTotal, the URL within the call to action button of this email was found to be malicious, as it redirects to a phishing website. It appears to be hosting a credential capture page, then when submitted, will log and steal the credentials of any victims

Verdict

Due to the original sender being unaffiliated with Amazon, this email is clear impersonation and spoofing attempt.

Additionally, after analyzing the URL contained in the email's call to action, it was flagged on URL2PNG and Virustotal to be malicious.

URL2PNG



A screenshot of the URL2PNG analysis interface. The top bar shows the URL https://thebandalyst.com/rd/u40160ctWW22448528Fms49413vFR67002TmWk2845. Below the URL, there is a summary card with a 'Community Score' of 4/97, a note that 4/97 security vendors flagged the URL as malicious, and a 'Reanalyze' button. The main content area has tabs for 'DETECTION', 'DETAILS', and 'COMMUNITY'. Under 'DETECTION', there is a section for 'Security vendors' analysis' showing results from BitDefender, G-Data, Abusix, ADMINUSLabs, AlienVault, Artists Against 419, and BlockList, all flagged as 'Phishing'. There is also a section for 'Do you want to automate checks?' with checkboxes for various vendors like Fortinet, Sophos, Acronis, AllLabs (MONITORAPP), Anti-AVL, benkow.cc, and Blueliv, all marked as 'Clean'. The 'DETAILS' tab shows the status as 200, content type as text/html, and last analysis date as 2 months ago. The 'COMMUNITY' tab is currently inactive.

A screenshot of the URL2PNG analysis interface for the URL https://i.imgur.com/r3tErDx.png. The top bar shows the URL. Below the URL, there is a summary card with a 'Community Score' of 1/97, a note that 1/97 security vendor flagged the URL as malicious, and a 'Reanalyze' button. The main content area has tabs for 'DETECTION', 'DETAILS', and 'COMMUNITY'. Under 'DETECTION', there is a section for 'Security vendors' analysis' showing results from Phishing Database, Acronis, AllLabs (MONITORAPP), Anti-AVL, benkow.cc, BlockList, and Cetego, all flagged as 'Phishing'. There is also a section for 'Do you want to automate checks?' with checkboxes for various vendors like Abusix, ADMINUSLabs, AlienVault, Artists Against 419, BitDefender, Blueliv, and Chong Lua Dao, all marked as 'Clean'. The 'DETAILS' tab shows the status as 200, content type as text/html, and last analysis date as 2 months ago. The 'COMMUNITY' tab is currently inactive.

Defense Actions

After performing a message trace, no other users within the organization received an email from this sender or with this subject line.

Due to the malicious nature of the domain. I have blocked any incoming emails that contains "**hebandalisty[.]com**" and "**i[.]imgur[.]com**" on the email gateway.

To ensure users are unable to access this malicious URL or domain, I have blocked "**hebandalisty[.]com**" and "**i[.]imgur[.]com**" on the EDR (Endpoint Detection and Response) and on the web Proxy.