21 APRIL 2020

Alert Number
MI-000122-MW

WE NEED YOUR HELP!
If you find any of these indicators on your networks, or have related information, please contact FBI CYWATCH immediately.
Email: cywatch@fbi.gov
Phone: 1-855-292-3937

*Note: By reporting any related information to FBI CyWatch, you are assisting in sharing information that allows the FBI to track malicious actors and coordinate with private industry and the United States Government to prevent future intrusions and attacks.

The following information is being provided by the FBI, with no guarantees or warranties, for potential use at the sole discretion of recipients in order to protect against cyber threats. This data is provided to help cyber security professionals and system administrators guard against the persistent malicious actions of cyber criminals. This FLASH was coordinated with DHS-CISA.

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COVID-19 Email Phishing Against US Healthcare Providers

Summary
Following a global increase in malicious cyber activity exploiting fear derived from the COVID-19 pandemic, the FBI was notified of targeted email phishing attempts against US-based medical providers. These attempts leveraged email subject lines and content related to COVID-19 to distribute malicious attachments, which exploited Microsoft Word Document files, 7-zip compressed files, Microsoft Visual Basic Script, Java, and Microsoft Executables. The FBI is providing indicators of compromise related to these phishing attempts to assist network defenders in protecting their environments. Additionally, the FBI is providing the attached list of hashes related to additional COVID-19 phishing.

Technical Details
On 18 March 2020, network perimeter cyber security tools associated with US-based medical providers identified email phishing attempts from domestic and international IP addresses. The emails contained subjects related to the COVID-19 pandemic and included malicious files as attachments. These attachments were in the form of Microsoft Word Document files, 7-zip compressed files, Microsoft Visual Basic Script, Java, and Microsoft Executables. The capabilities of these malicious attachments are unknown, but they would have likely
created an initial intrusion vector to enable follow-on system exploitation, persistence, and exfiltration.

Indicators

<table>
<thead>
<tr>
<th>Email Sender</th>
<th>Email Subject</th>
<th>Attachment Filename</th>
<th>Hash</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="mailto:srmanager@combytellc.com">srmanager@combytellc.com</a></td>
<td>PURCHASE ORDER PVT</td>
<td>Doc35 Covid Business Form.doc</td>
<td>babc60d43781c5f7e415e2354cf32a6a24badc96b971a3617714e5dd2d4a14de</td>
</tr>
<tr>
<td><a href="mailto:srmanager@combytellc.com">srmanager@combytellc.com</a></td>
<td>PURCHASE ORDER PVT</td>
<td>Doc35 Covid Business Form.doc</td>
<td>babc60d43781c5f7e415e2354cf32a6a24badc96b971a3617714e5dd2d4a14de</td>
</tr>
<tr>
<td><a href="mailto:srmanager@combytellc.com">srmanager@combytellc.com</a></td>
<td>Returned mail: see transcript for details</td>
<td>Covid-19_UPDATE_PDF.7z</td>
<td>de85ca5725308913782d63d00a22da480fcd4ea92d1bde7ac74558d5566c5f44</td>
</tr>
<tr>
<td><a href="mailto:srmanager@combytellc.com">srmanager@combytellc.com</a></td>
<td>COVID-19 UPDATE !!</td>
<td>Covid-19_UPDATE_PDF.7z</td>
<td>de85ca5725308913782d63d00a22da480fcd4ea92d1bde7ac74558d5566c5f44</td>
</tr>
<tr>
<td><a href="mailto:admin@pahostage.xyz">admin@pahostage.xyz</a></td>
<td>Information about COVID-19 in the United States</td>
<td>covid50_form.vbs</td>
<td>d231d81538b16728c2e31c3f9e0f3f2e700d122119599b052b9081c2c80ecd5c</td>
</tr>
<tr>
<td><a href="mailto:help@pahofinity.xyz">help@pahofinity.xyz</a></td>
<td>Coronavirus (COVID-19)</td>
<td>covid27_form.vbs</td>
<td>d231d81538b16728c2e31c3f9e0f3f2e700d122119599b052b9081c2c80ecd5c</td>
</tr>
<tr>
<td>monique@bonnie nkim.us</td>
<td>Business Contingency alert - COVID 19</td>
<td>COVID-19 Circular.jar</td>
<td>eacc253fd7eb477afe56b8e76de0f873259d124ca63a9af1e444bfdf575d9aaae</td>
</tr>
<tr>
<td><a href="mailto:info@mohap.gov.ae">info@mohap.gov.ae</a></td>
<td>Todays Update on COVID-19</td>
<td>Todays Update on COVID-19.exe</td>
<td>7fd2e950fab147ba39fff59bf4dcac9ad63bbcdfbd9aadc9f3bb6511e313fc9c</td>
</tr>
<tr>
<td><a href="mailto:erecruit@who.int">erecruit@who.int</a></td>
<td>World Health Organization/Let, AsyncStorage together</td>
<td>COVID-19 WHO RECOMENDED V.exe</td>
<td>d150feb631d6e9050b7fb76db57504e6dccc715fe03e45db095f50d56a9495a5</td>
</tr>
</tbody>
</table>
**Information Requested:**

If you or your company are targeted by a phishing campaign, please provide the FBI with a copy of the email with the full email header and a copy of any attachments. Please do not open the attachment if you or your organization does not have the capability to examine the attachment in a controlled and safe manner. Additionally, if you or your company is a victim of a cyber intrusion related to email phishing, please retain any logs, image(s) of infected device(s), and memory capture of all affected equipment, if possible, to assist in the response by the FBI.

**Recommended Mitigations**

- Be wary of unsolicited attachments, even from people you know. Cyber actors can "spoo"f the return address, making it look like the message came from a trusted associate.
- Keep software up to date. Install software patches so that attackers can't take advantage of known problems or vulnerabilities.
- If an email or email attachment seems suspicious, don't open it, even if your antivirus software indicates that the message is clean. Attackers are constantly releasing new viruses, and the antivirus software might not have the signature.
- Save and scan any attachments before opening them.
- Turn off the option to automatically download attachments. To simplify the process of reading email, many email programs offer the feature to automatically download attachments. Check your settings to see if your software offers the option, and disable it.
Consider creating separate accounts on your computer. Most operating systems give you the option of creating multiple user accounts with different privileges. Consider reading your email on an account with restricted privileges. Some viruses need "administrator" privileges to infect a computer.

Apply additional security practices. You may be able to filter certain types of attachments through your email software or a firewall.

**Reporting Notice**

The FBI encourages recipients of this document to report information concerning suspicious or criminal activity to their local FBI field office or the FBI’s 24/7 Cyber Watch (CyWatch). Field office contacts can be identified at [www.fbi.gov/contact-us/field](http://www.fbi.gov/contact-us/field). CyWatch can be contacted by phone at (855) 292-3937 or by email at CyWatch@fbi.gov. When available, each report submitted should include the date, time, location, type of activity, number of people, and type of equipment used for the activity, the name of the submitting company or organization, and a designated point of contact. Press inquiries should be directed to the FBI’s National Press Office at npo@fbi.gov or (202) 324-3691.

**Administrative Note**

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https://www.ic3.gov/PIFSurvey

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