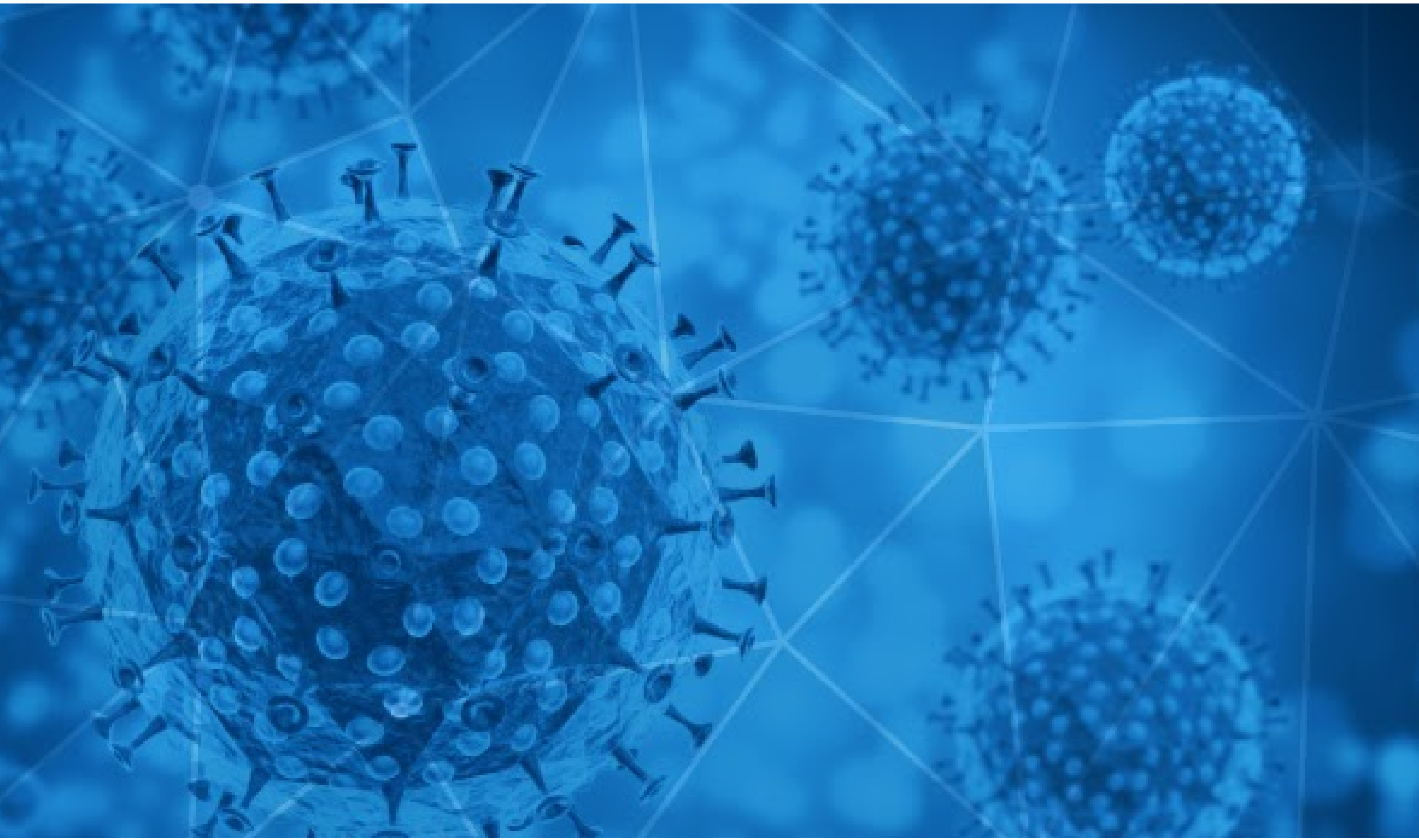
RiskIQ i3:

COVID-19 Daily Update

04/18/2020



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Methodology

The information provided in this report is limited to open source and publicly available data discovered through standard, commonly known browsing techniques and keyword searches. To provide efficient results, RiskIQ may use websites that require payment in exchange for aggregation of data that is otherwise publicly available without payment and could be obtained by anyone accessing the correct sites or engaging the correct third parties to obtain the information. Information presented in this report is cross-checked against multiple sources for full verification; however, some assessments and conclusions are based on incomplete information and represent the RiskIQ analyst's judgment based on patterns and data available.

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Digital Exploitation

The FBI confirmed reconnaissance activity and some intrusions into COVID-19 research centers. According to a Reuters report, FBI deputy assistant director Tonya Ugoretz has confirmed the Bureau has seen intrusions into companies and institutions actively researching COVID-19 treatments.

The U.S. Federal Trade Commission (FTC) reported that, from January 1 through April 15, U.S. consumers registered 18,257 complaints related to the coronavirus, over 10,000 of which were reports of fraud. According to the FTC, 46% of the fraud victims reported a consequential financial loss, totaling $13.44 million. The median fraud loss per person was $557.

The government of North Rhine-Westphalia, a province in western Germany, is believed to have lost tens of millions of euros after it failed to build a secure website for distributing coronavirus emergency aid funding. The funds were lost following a classic phishing operation. The scheme lasted from mid-March to April 9, when the NRW government suspended payments and took down its website.

A police department in Maine is warning the public against a text message-based coronavirus scam. The scam message reads, “someone who came in contact with you has tested positive or has shown symptoms for COVID-19 & recommends you self-isolate/get-tested.” The alert is not from an official agency and officers from the department have told residents not to click through to the link, which police believe could be a phishing scam to grab victims’ personal information.

New Blacklist Data

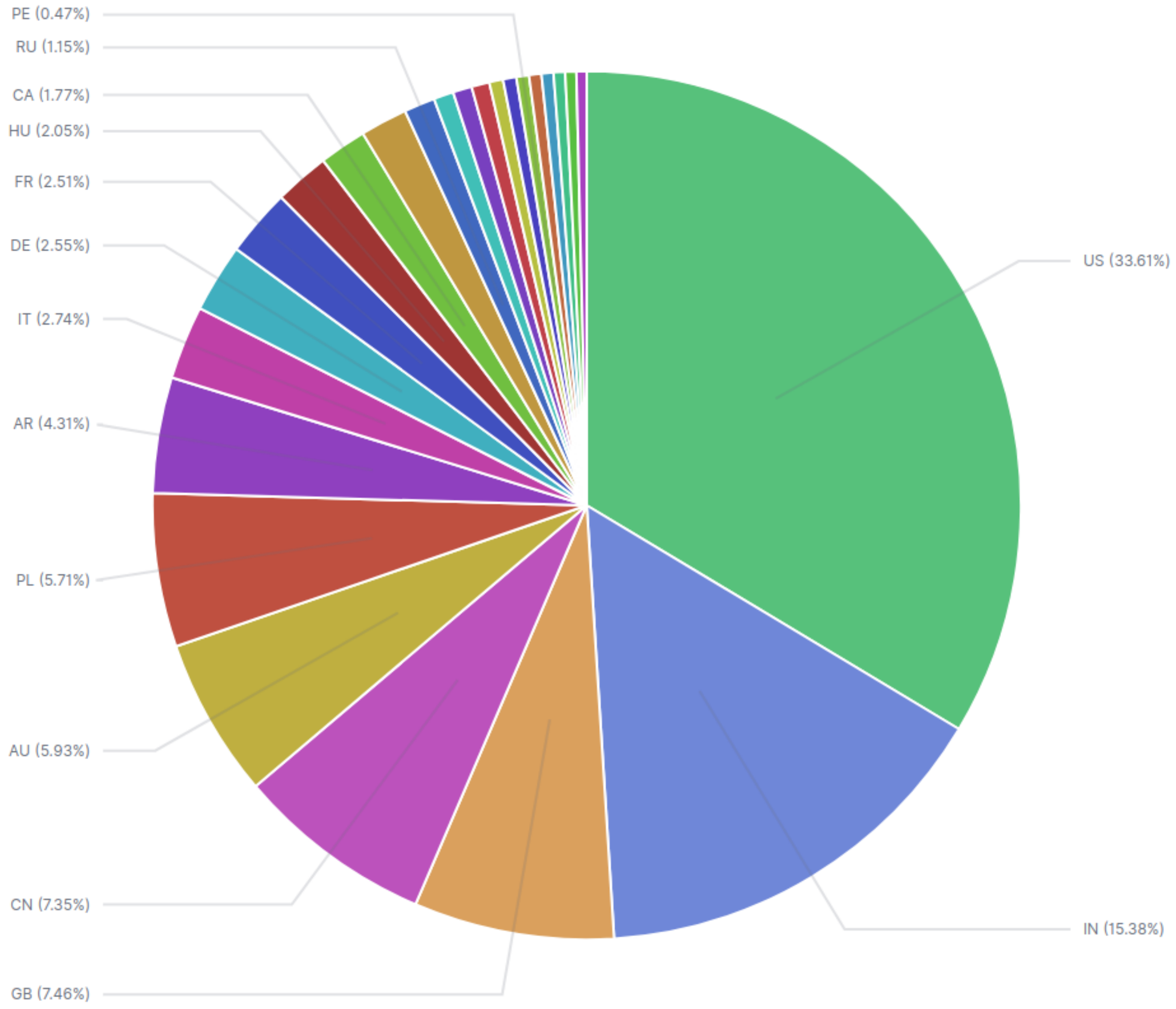
hxxp://www[.]netflix-covid-19[.]com/Netflix_Urochi/Home/login

hxxps://covidaid[.]co/

hxxps://idonateforcovid-19[.]webnode[.]com/

COVID-19 Email Spam Statistics

RiskIQ analyzed its spam box feed for the time period of 04/17/2020-04/18/2020. During this period, RiskIQ analyzed 134,233 spam emails containing either “*corona*” or “*covid*” in the subject line. There were 12,129 unique subject lines observed during the reporting period. The spam emails originated from 7,135 unique sending email domains and 11,509 unique SMTP IP Addresses. Analysts identified 2 emails which sent an executable file for Windows machines.



Spam emails by country of origin

Top 25 Subjects

1. 13,907 - Download Aarogya Setu App to protect yourself from COVID-19
2. 12,047 - Umgehend lieferbar: Immer wieder einsetzbare Coronaschutzmasken
3. 9,758 - Direkt lieferbar: Coronaschutzmasken für den außer-Klinik-Bereich
4. 8,157 - Sofort lieferbar: Waschmaschinenfester Coronaschutz
5. 6,497 - Sofort lieferbar: Waschbare Coronaschutzmasken
6. 5,051 - CDC HEALTH emergency coronavirus (COVID-19) Pandemic
7. 4,188 - The Mask that can prevent Coronavirus now
8. 2,797 - coronavirus.mascarilla de proteccion facial
9. 2,568 - The Corona Letter: Hotspots leave a bitter taste
10. 2,520 - Test Rápido de Detección Covid-19/ Mascarillas kN95
11. 2,214 - Ethical Pandemic Coronavirus Supplies
12. 2,067 - Coronavirus is spreading, this specialized mask can control it
13. 2,039 - (Quick delivery/Today's quotation) Protective mask and Diagnostic kit for COVID-19, goggles, infrared thermometer, protective clothing
14. 1,541 - Welche Maske sollten Sie gegen das Coronavirus tragen? Hier die Informationen und alles Wissenswerte
15. 1,270 - This Mask Stops Coronavirus
16. 1,132 - COVID19 Offer -85%
17. 1,097 - Re: Disposable Mask for Coronavirus （FDA/CE Certificated）
18. 952 - COVID-19 Face Mask & Safety Products
19. 905 - Maski COVID-19 koronawirus 124,75 zł / 25 sztuk - 4,99 zł
20. 904 - CORONAVIRUS ALERT: Breathing Mask
21. 778 - Covid-19 Stay-at-Home Puzzle Challenge Details Now Available
22. 664 - The Covid-19 Solidarity Response Fund
23. 611 - COVID-19 Asesoramiento contable para tu empresa
24. 609 - ATENCION COVID-19 Estudio Contable, Legal e Impositivo para tu negocio

25. 571 - [Webcast Replay] The State of Small and Medium-size Business During COVID-19

Top Subjects Containing Attachments with Executable Files for Windows Machines (PE/EXEs)

1. 2 - RE: COVID Order Additional Lots S10187/S101 8 (PO)

Top Countries Sending SPAM - Covid/Coronavirus Contained in Subjects (by Geolocation on SMTP IP Address)

1. 37,641 US
2. 17,226 IN
3. 8,349 GB
4. 8,236 CN
5. 6,642 AU
6. 6,399 PL
7. 4,823 AR
8. 3,073 IT
9. 2,860 DE
10. 2,809 FR
11. 2,292 HU
12. 1,978 CA
13. 1,962 BR
14. 1,288 RU
15. 829 ES
16. 791 ZA
17. 747 NL
18. 576 VN
19. 554 ID
20. 526 PE
21. 516 UA
22. 497 CO
23. 480 SG
24. 462 DZ
25. 426 EC

COVID-19 Host, Domain, and Mobile App Tracking

RiskIQ gathers data relating to newly-observed hosts and domains containing COVID-19, COVID19, or Coronavirus in the host or domain name and mobile apps containing COVID-19, COVID19, or Coronavirus in the title or description. A summary of data collected is contained in this section.

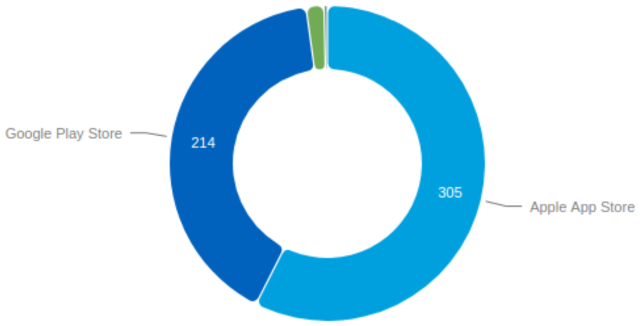
Domains and Hosts

Domains: 65,335
Hosts: 74,647
Hosts and Domains with Potential Mail Servers: 275
Email-Capable Domains and Hosts: 24,044
Live Hosts and Domains Not Parked: 30,198

Mobile Apps

1. Apps in Official Stores: 529 (See Graph)
    a. Google Play Store: 214
    b. Apple App Store: 305
    c. Windows Phone: 9
    d. Amazon: 1

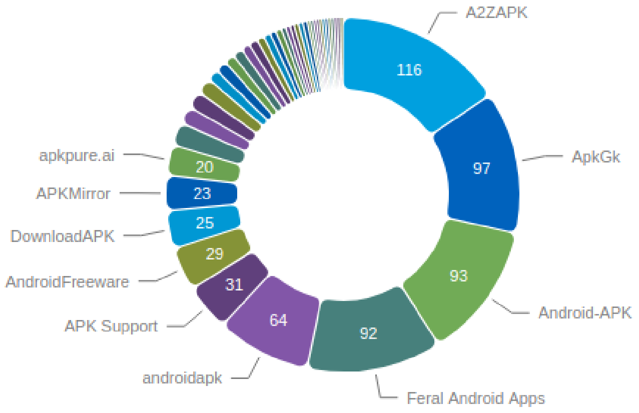
Apps on Official Stores



2. Apps in Secondary/Hybrid Stores: 711 (See Graph)

3. Blacklisted Mobile Apps by Store Type:
    a. Secondary: 28
    b. Hybrid: 1
    c. Official: 1

Apps on Secondary and Hybrid Stores by store



End Report