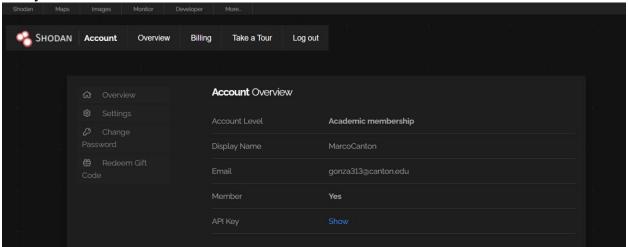
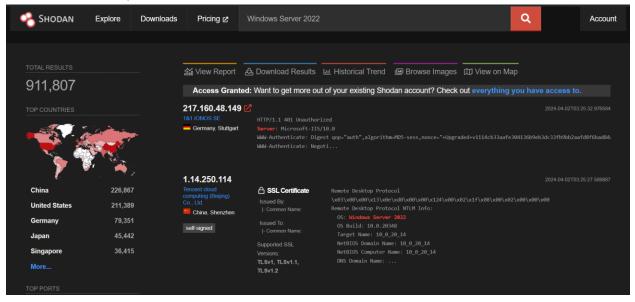
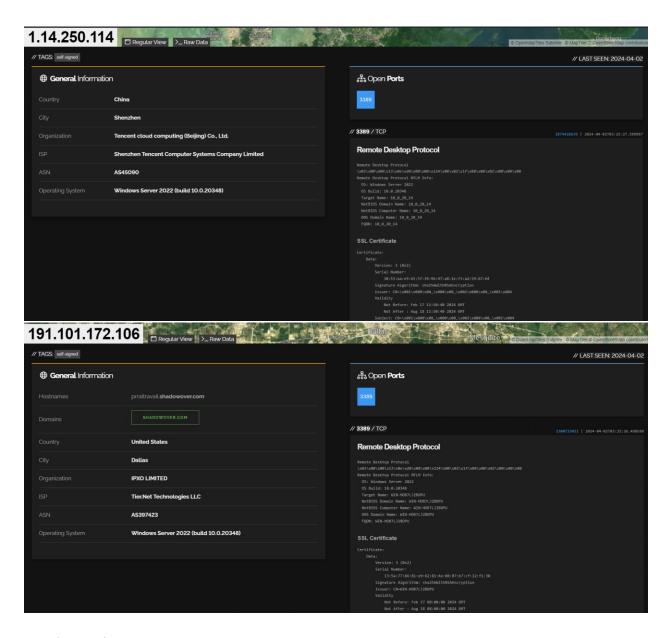
CYBR 352 Week 9 Lab

- Access https://www.shodan.io and Login or Register a Shodan Academic Plus account with your canton.edu email address.



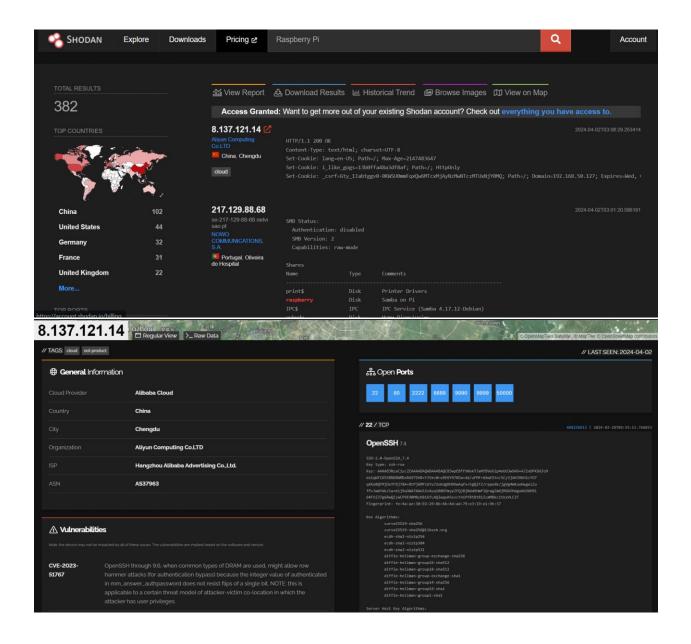
- Try two simple searches and show some device details. Windows Server 2022

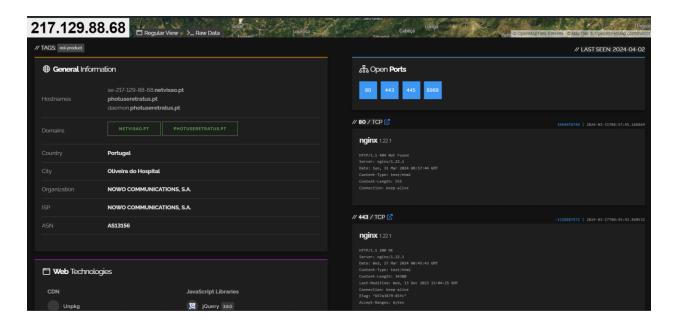




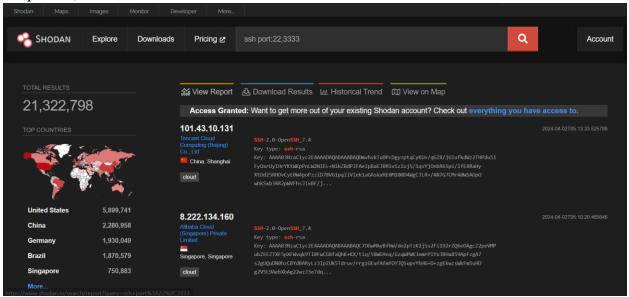
Raspberry Pi

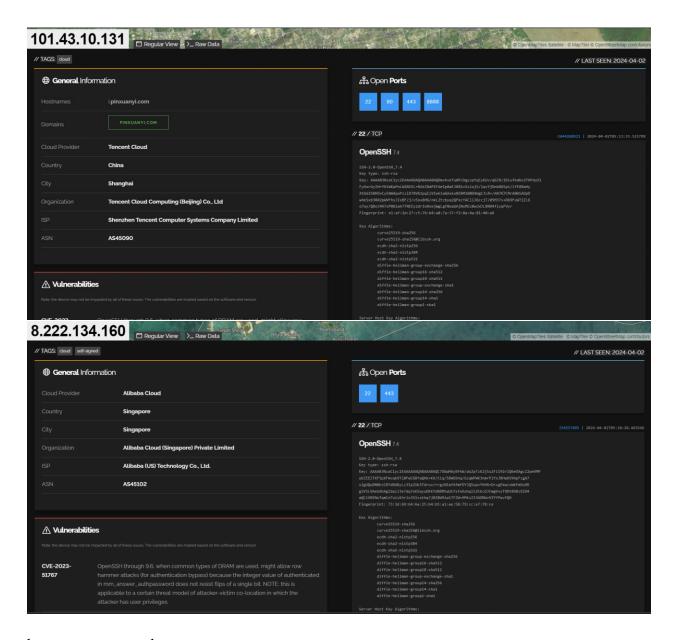
Marco Gonzalez





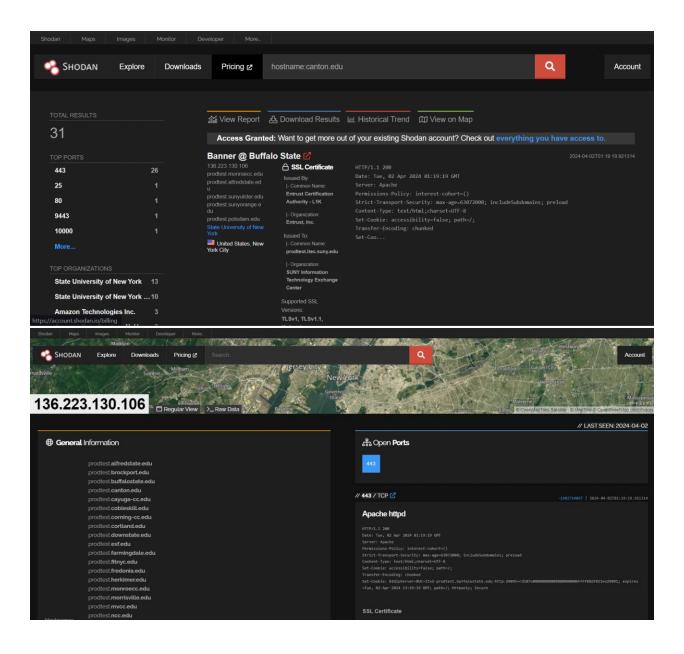
- Try two advanced searches with search filters ssh port:22, 3333

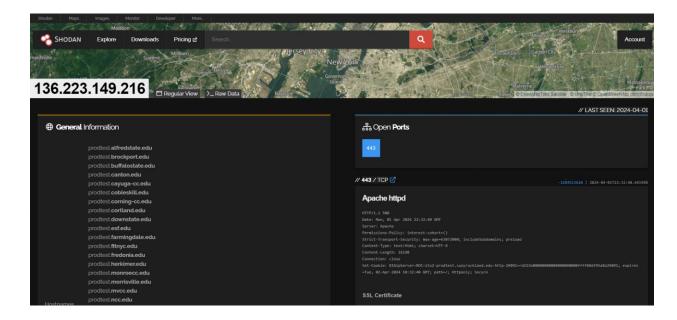




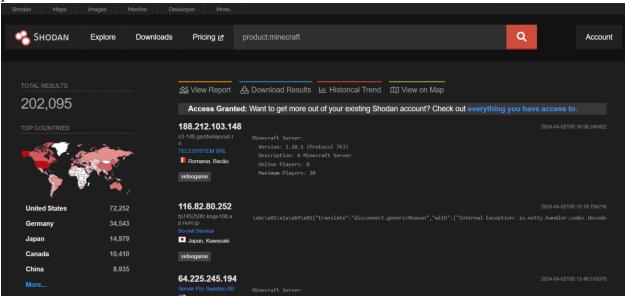
hostname:canton.edu

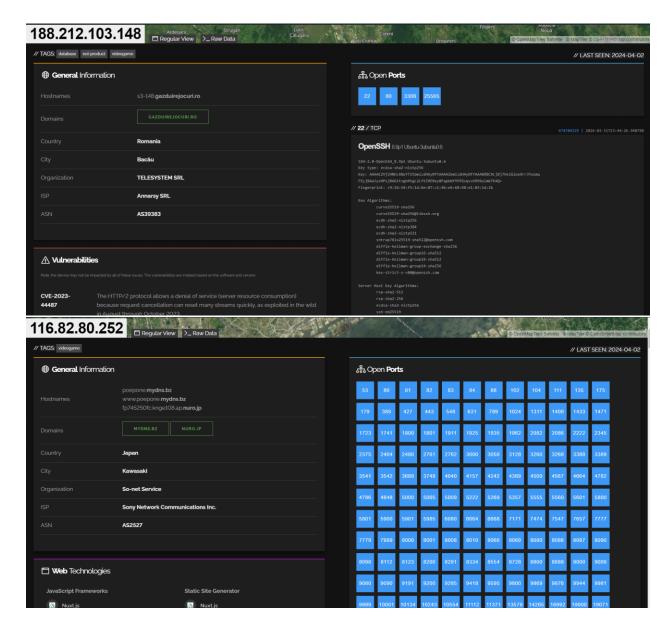
Marco Gonzalez





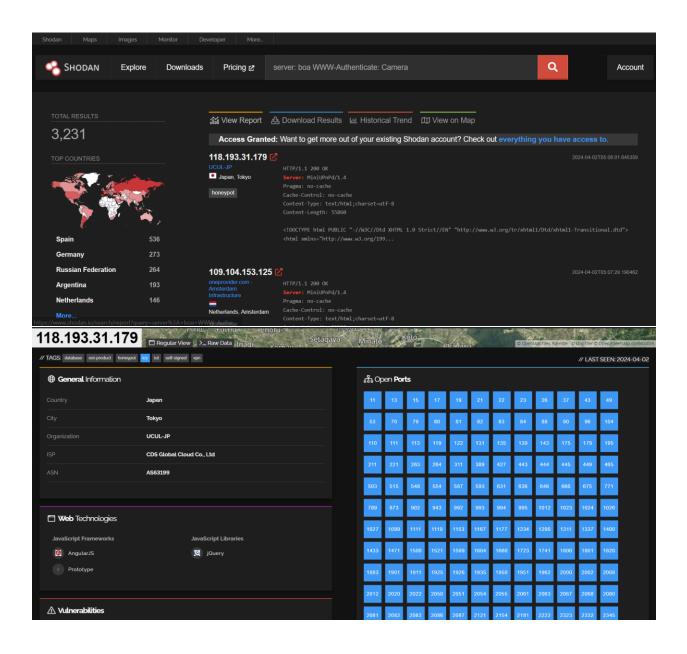
- Try two searches with Shodan Explore product:Minecraft

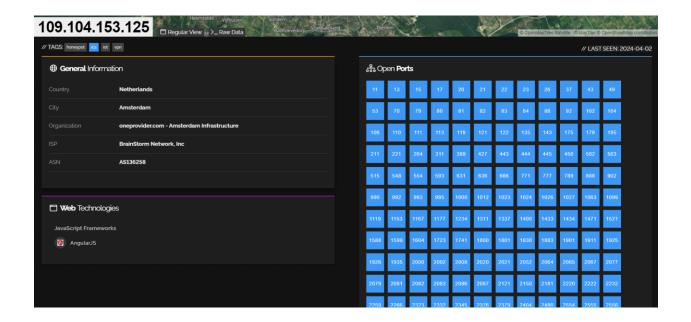




Server: boa WWW-Authenticate: Camera (a list of cameras with default credentials)

Marco Gonzalez





What I learned from exploring Shodan search results is that many critical devices connected to the internet are available to be viewed by just anyone. Many of the results I found had configurations or versions containing vulnerabilities that hackers can abuse. One idea against Shodan hacking is to use fire to fight fire. Check your networks and devices through Shodan to see if any results pop up. We can find vulnerabilities in our networks and quickly patch them up from the results. One other idea against Shodan hacking is to use VPN to access any part of the network so that Shodan can't find any of the devices.