# Cybersecurity Threat Landscape (Part 2 - Akamai)

In this part, you should primarily use the *Akamai\_Security\_Year\_in\_Review\_2019* and *Akamai State of the Internet/ Security* plus independent research to answer the below questions.

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1. DDOS attack events from January 2019 to September 2019 largely targeted which industry?   
   The Gaming Industry
2. Almost 50% of unique targets for DDoS attacks from January 2019- September 2019 largely targeted which industry?   
   Financial Services
3. Which companies are the top phishing targets, according to Akamai?   
   Microsoft, PayPal, DHL, Dropbox, Docusign, and Linked in.
4. What is credential stuffing?   
   Its a attack using lists of stolen usernames/passwords to gain unauthorized access to accounts.
5. Which country is the number one source of credential abuse attacks? Which country is number 2?  
   The United States was number 1 and Russia was number 2
6. Which country is the number one source of web application attacks? Which country is number 2?  
   The United States was number 1 again and Russia was number 2 agian
7. In Akamai’s State of the Internet report, it refers to a possible DDoS team that the company thought was affecting a customer in Asia (starts on page 11).

* Describe what was happening.

They noticed a massive influx of Traffic to one of its urls

* What did the team believe the source of the attack was?

The team believed that the attack was from a Windows COM Object.

* What did the team actually discover?

They discovered that the problem was actually a faulty warranty tool that kept trying to visit the URL.

1. What is an example of a performance issue with bot traffic?   
   A couple examples are slower websites and frustrated customers (try getting a ps5)
2. Known-good bots are bots that perform useful or helpful tasks, and not do anything malicious to sites or servers. What are the main categories of known-good bots.   
   Search Engine Crawlers, Web Archives, Search Engine Optimization, Audience Analytics, and Marketing Service, Site Monitoring Services, Content Aggregators.
3. What are two evasion techniques that malicious bots use?   
   One evasion technique they will sometimes use is they will change their IP addresses so their origin location remains unknown. Another Technique is they will tamper with browser properties and spoof characteristics that are whitelisted.