# 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.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 industry**
3. Which companies are the top phishing targets, according to Akamai?   
   **Microsoft, DHL, PayPal, drop box, DocuSign and LinkedIn**
4. What is credential stuffing?   
   **A type of cyber attack that uses compromised user credentials to breach a system**
5. Which country is the number one source of credential abuse attacks? Which country is number 2?  
   **#1 United States**

**#2 Russia**

1. Which country is the number one source of web application attacks? Which country is number 2?  
   **#1 United States**

**#2 Russia**

1. 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.

**There was an abnormal amount of traffic on one of it’s URL’s**

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

**The Customers URL**

* What did the team actually discover?   
  **It’s important to develop a strong defensive posture**

1. What is an example of a performance issue with bot traffic?   
   **If the site load times suddenly slow down it could potentially indicate a jump in bot traffic**
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 and CONTENT AGGREGATORS**
3. What are two evasion techniques that malicious bots use?   
   **Altering the user agent or using mobile and API endpoints**