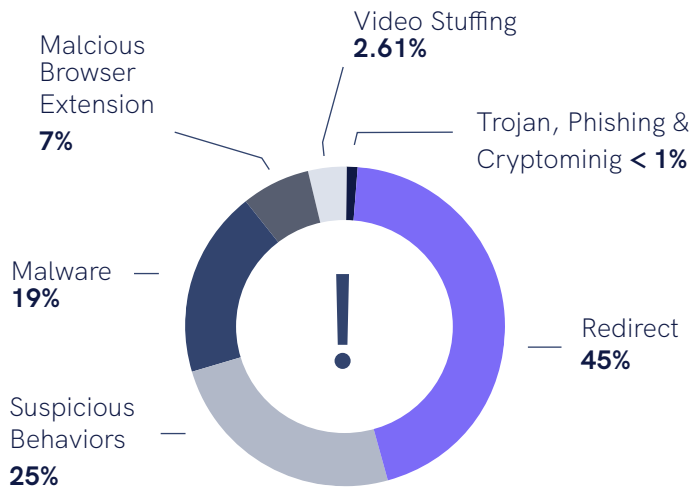


## Malicious blocks by type



## Malicious Browser Extensions are on the rise.

Active malicious browser extensions are on the rise. These are often unwanted programs that constantly run on a users machine performing unwanted actions and often hijacking ads.



ADL observed a 195% increase in threats from malicious extensions since the beginning of 2020.

## When is malware spiking?

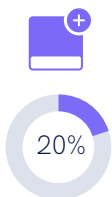


- 40% of all blocks happen during this time period
- Most popular hour for malicious ads.

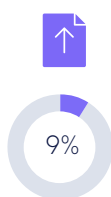
MON. SAT. 30% more bad ads on Saturdays than on Mondays

## Ad Compliance:

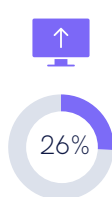
Many ads still exceed IAB thresholds. Looking across 40 Billion ads in Q2:



of ads were larger than 250K



Average number of requests was 23. 9% of ads had more than 50 requests



of ads used greater than 30% CPU to load

## The Emerging Threats:

This malicious ad loads obfuscated javascript from the Google Adserver and then de-obfuscates the code to redirect the end user to a random malicious sites like bestads.online and v.younewgifts.xyz.



The ad was blocked over 1.5 million times.

