

### What's New in the WAF

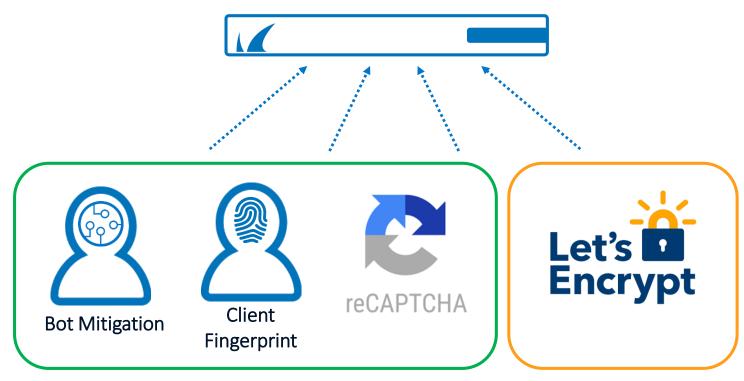
Barracuda Web Application Firewall





### What's New in the WAF Rel. 10



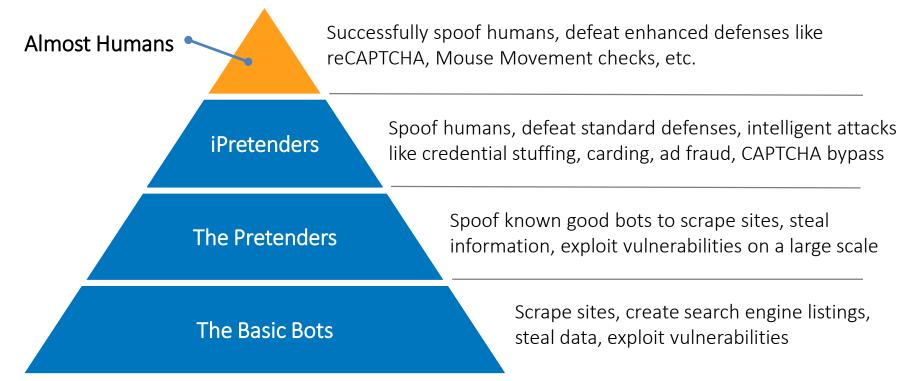


**Advanced Bot Protection** 













### What Are Bots Used For?





# Credential Stuffing/ATO

 Trying thousands of stolen user credentials



#### Web Scraping

 For confidential/ sensitive financial data



#### **Application DDoS**

 Use layer 7 attacks to DDoS the online service



#### Account Aggregation

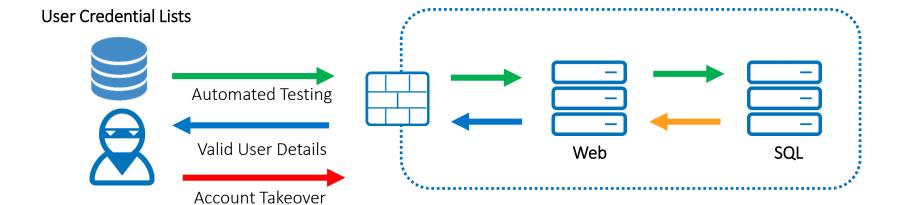
• Collect user credentials to access





## **Credential Stuffing**









### Attacks in eCommerce





#### **Account Takeover**

Hack into accounts using credentials purchased on Dark Web



#### Carding

Hackers testing thousands of stolen credit cards



#### **Web Scraping**

For content, pricing and inventory information



#### Scalping

Automated purchases for black market sales



#### **Cart Abandonment**

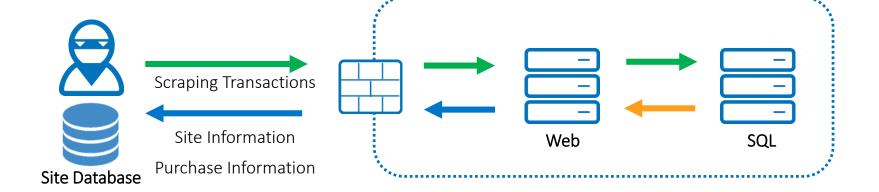
• Add hundreds of items to shopping cart and abandon, cause inventory exhaustion





# Web Scraping

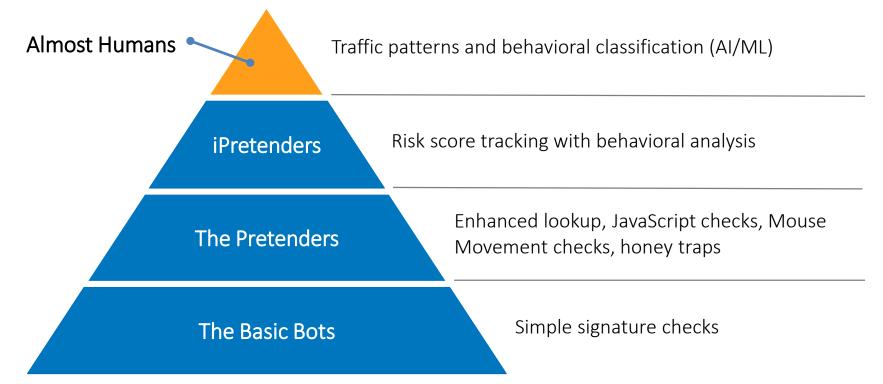
















# **WAF** Advanced Bot Protection



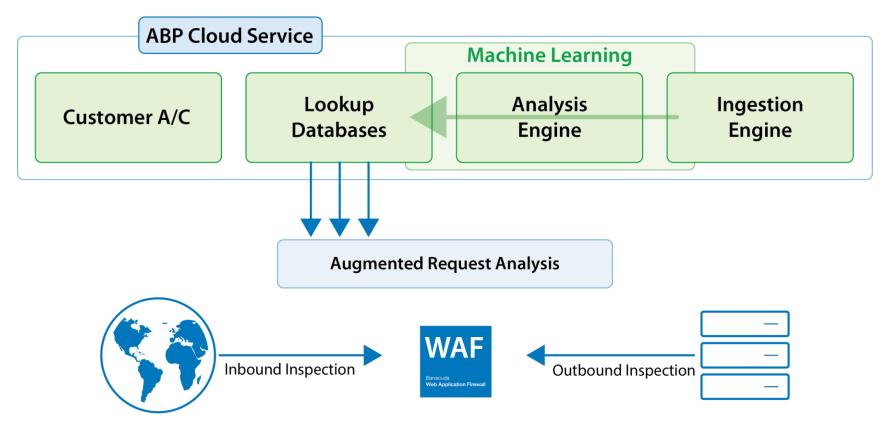
Feature	ABP License required
Google reCAPTCHA	No
Bot Widget and Reporting	No
Bot Blacklist and IP Reputation	No
Bot Spam Mitigation	No
Credential Stuffing Protection & Reporting	Yes
Barracuda ABP Cloud Integration	Yes





## ABP Multilayer Approach



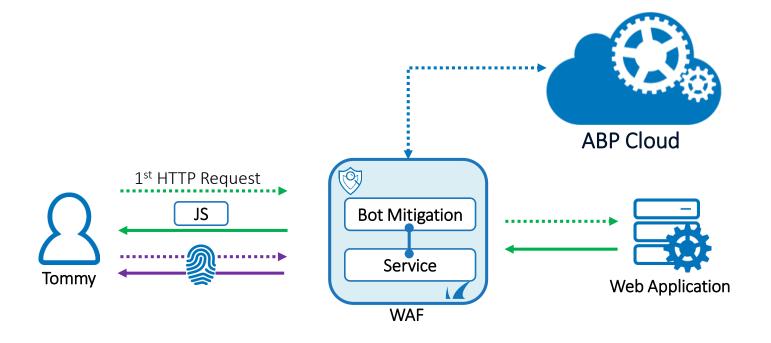






## Client Fingerprint & Risk Evaluation



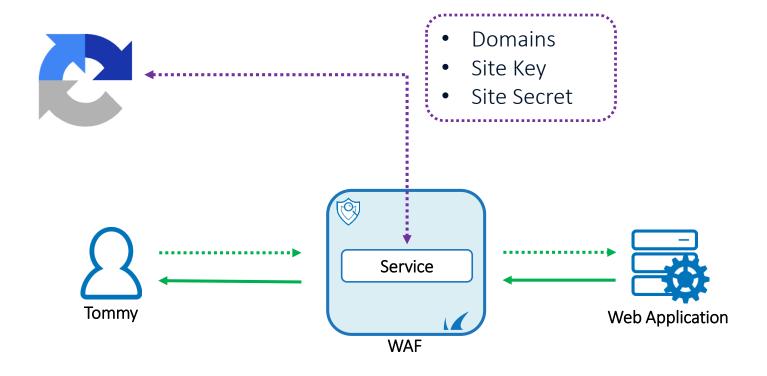






## reCaptcha Integration









# WAF Let's Encrypt Integration



