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# The biggest bot myths of 2022

Can you separate bot fact from bot fiction?

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Fact or fiction?

**A web application firewall (WAF)  
stops sophisticated bots.**

**73% of businesses  
surveyed believed  
this to be true.**





## Myth

WAFs use preset rules to block security vulnerabilities but can't defend against business logic flaws that bots exploit.



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Fact or fiction?

**ReCAPTCHA distinguishes between bots and humans.**

**72% of businesses surveyed believed this to be true.**





Near myth

While reCAPTCHA does differentiate between some human and bot traffic, advancements in AI have allowed the more sophisticated bots to circumvent this technology.



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Fact or fiction?

**Most credential stuffing attacks use bots or automated technology.**

**64% of businesses surveyed believed this to be true.**



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With more than 15 billion credentials for sale on the dark web, it is impossible to check their validity manually. Most attackers use automated technology to validate millions of credentials and gain fraudulent access to accounts.



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**Fact or fiction?**

**Bots can only be bought on the dark web.**

**58% of businesses surveyed believed this to be true.**





## Myth

As more people turn to bots to buy online goods like designer sneakers and PS5 consoles, credential lists become available for anyone on the open web.



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## How did you do?

**Download The Bot  
Management Review:**  
Separating bot fact from  
bot fiction

