

Bot Categories

<https://campus.barracuda.com/doc/96014989/>

The following table provides information about the bot categories:

Bot Category	Sub-categories	Description
Crawler/Indexer	<ul style="list-style-type: none"> • Search Engine Bot* • Copyright Bot • Aggregator 	A web crawler is a robot, also called a spider, that visits your website looking for updates and new information, and uses it for their own purposes, such as a search engine. Examples include Google Bot, Apple Bot.
Tool (Developer Tool)	<ul style="list-style-type: none"> • Website Analyzer Tool* • Proxy Service • Screenshot Creator* • Page Speed Tester* • Virus Scanner* • Backlink Checker* • Virtual Assistant 	All tools that can be programmed for any purpose, malicious or not. For example, scripts or command line tools such as Wget and lwp-request, or programming language libraries that enable web requests such as Java or Python urllib.
Technical Partners/Commercial Tools	<ul style="list-style-type: none"> • Site Monitoring* • Marketing/Advertising* • SEO/Website Analyzer Tool • Chatbot • Vulnerability Scanner* 	Tools or services that send requests to a website for a positive purpose, usually by the site owner or host, such as health checkers, broken link checkers, performance measurement tools, and payment service providers. For example: Rackspace Monitoring Agent, Amazon Route 53 Health Checks.
Social Media Agent	<ul style="list-style-type: none"> • Link Preview Generator • Feed Fetcher* 	A client that fetches feeds, such as RSS feeds, or uses an API. Indexing website for internal search engines. Supplies visual support when a link is shared. For example: Yahoo Pipes, Facebook External Hit.
Known Violator	<ul style="list-style-type: none"> • Empty UA • Known Bad User Agent • Developer/Hacking Tool • HTTP Request Library • Application/Software Library • Known Bad Device 	Known bad bots that are used to carry out attacks on websites.
Browser Integrity	<ul style="list-style-type: none"> • Improper Header Name/Value Pair • Non-Standard User Agent Build 	Bots not sending proper header key value pair, or sending random user-agent strings to avoid detection.
Advanced Bots	<ul style="list-style-type: none"> • Programmatic Browsing* • Automated Browser/Web driver • Headless Browser 	Bots using the popular User-Agent Browser Automation tools, headless browsers, or web drivers. These bots are capable of executing JavaScript.

Impersonator	• Impersonator	Bots trying to mimic behavior of good bots, such as Google Bot and Bing Bot, to avoid detection.
Advanced Persistent Bots	• Advanced Persistent Bots	Bots that rotate IP address and user-agent headers to avoid detection.
Uncategorized	• Unclassified	<p>The Advanced Threat Intelligence engine cannot map the attack to one of the existing bot categories.</p> <p>OR</p> <p>The system is not sure if the attack is being made by a bot or a human.</p> <p>Therefore, the engine marks the category as Uncategorized and the sub-category as Unclassified.</p>

* Default bot categories. Bot categories without the * are powered by Barracuda Active Threat Intelligence. The advanced intelligence engine is **ONLY** available with the Advanced Bot Protection license.

Bot categories powered by the Barracuda Active Threat Intelligence engine/ABP are detected **ONLY** when:

- **Enable Client Profile Validation** for the security policy is set to **Yes** on the **SECURITY POLICIES > Client Profile** page.
- Bot categories are selected on the **BOT MITIGATION > Bot Mitigation** page, **Web Scraping Policies** section.

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