Bitdefender

DATASHEET

Bitdefender Threat Intelligence

Web Reputation Feed

From botnets to hijacked domains, threat actors use the most unexpected web resources to launch attacks. A lack of visibility into their infrastructure will leave any company vulnerable.

Bitdefender's Web Reputation Feed can help. It draws on data from our global telemetry, encompassing over 500 million sensors, to expose malicious URLs, domains, and IP addresses. Actionable context, from real-life endpoints under attack, ready for consumption in under 5 minutes from detection.

Partners that license this feed can tap into that large dataset to augment their security solutions, including detection and filtering systems, backends for UTMs, gateway security solutions, and more.

At-A-Glance

Bitdefender's Web Reputation feed draws on global telemetry to deliver real-time intelligence on malicious domains and URLs. It's optimized to improve your visibility into attacker infrastructure, with large quantities of IoCs and actionable threat context.

Benefits

- **Large quantities and fast delivery:** The Web Reputation feed delivers 1,2 to 1,5 million indicators per day, which are processed in less than 5 minutes from detection.
- **Actionable threat context:** Indicators are delivered alongside threat context that enables better filtering, country-level rules and counter-rules for customers.
- **Interoperability:** The feeds can be consumed in Bitdefender's proprietary JSONL format or ingested from third-party TI platforms like Ticura and ThreatQuotient.
- **Unparalleled visibility:** Bitdefender's telemetry encompasses over 500 million worldwide sensors, offering unparalleled visibility into malicious URLs and domains.

Features

- **Web Reputation:** Ingest domains and URLs associated with malicious activity. Artefacts include additional context like TTLs or first and last seen dates.
- **Real-time data:** Malicious artefacts we identify in our telemetry are processed by Bitdefender Labs and included in the Web Reputation feed in under 5 minutes.
- **Added context:** Domains and URLs are delivered alongside useful context, such as confidence scoring, threat type, web content category, and more.
- **Flexible format:** The information is presented in JSONL format, prepared for machine-readable integration scenarios.
- **Large quantities of validated indicators:** The feed usually delivers between **1,2 to 1,5 millions** of indicators per day.

Reputation Threat Intelligence Feeds

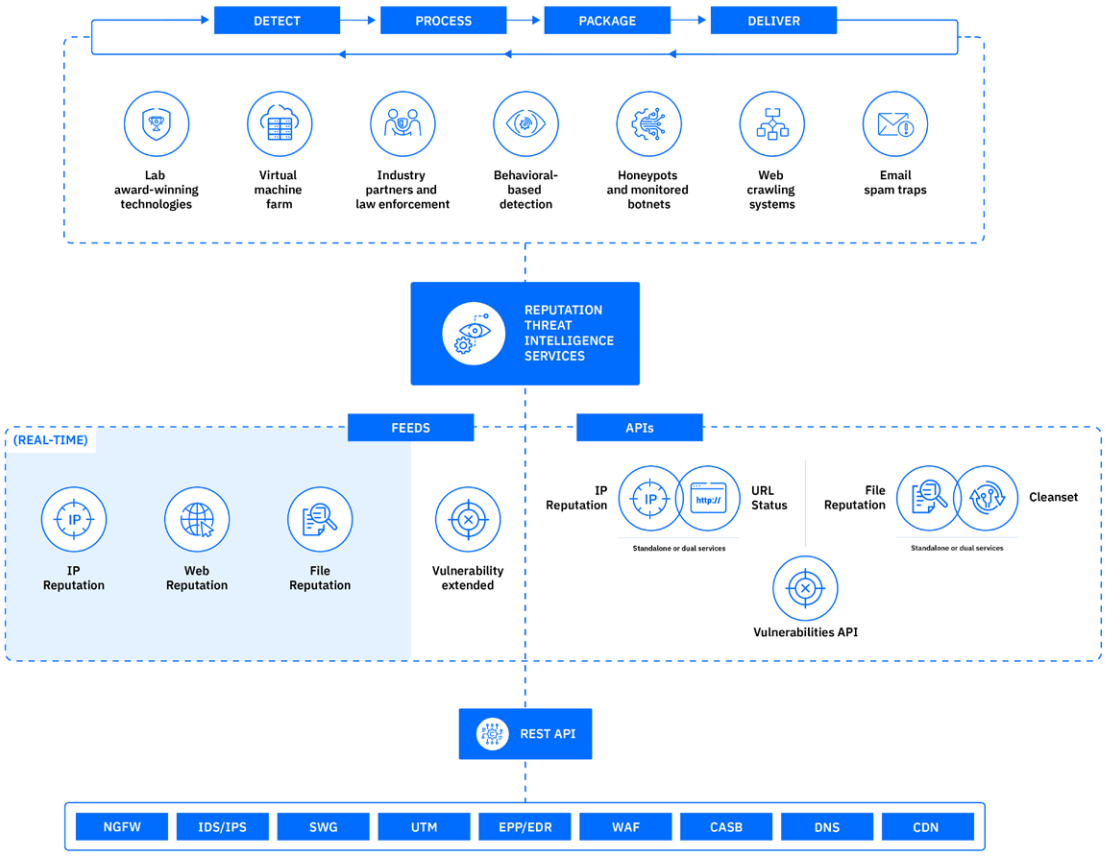
Bitdefender's Web Reputation Feed equips automated detection systems and security operation teams with valuable context on malicious domains and URLs. Here's how a feed entry might look like:


```
{"url":"maliciousurl.com","type":"url","first_
seen":1741901040,"host_ips":[],
"countries":[],"timestamp":1742256008,"TTL":1209600,
"confidence":50,"threat_types":["malware"],"web_content_
categories":[],"tags":["Malware"],"popularity":2}
```

Here's a breakdown of each entry:

- Threat Types - Indications of the type of web threat, the most prevalent being Malware, Phishing, Fraud, PUA.
- Host IPs - Contains up to 5 IP entries, representing the **local** reverse DNS resolution of the domain of the indicator.
- Countries - Contains up to 5 countries, associated with the host IPs, useful for country-level rules.
- Popularity - Has values from 1 to 5 (5 being the most popular). Useful for prioritizing the counter-rules for customers.
- First seen, timestamp, and TTL - Indications on the temporal activity of the malicious artefact.

The Web Reputation feed can be complemented by other feeds and services, to further augment detection and prevention



FREE evaluation

Evaluating the Bitdefender Reputation Threat Intelligence Feeds is free of charge and includes technical support.

Contact us

For more information regarding the Reputation Threat Intelligence Services visit our website: bitdefender.com/oem/threat-intelligence-feeds-services.html or reach us at: https://www.bitdefender.com/oem/contact-us.html

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