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EXTERNAL ATTACK SURFACE MANAGEMENT

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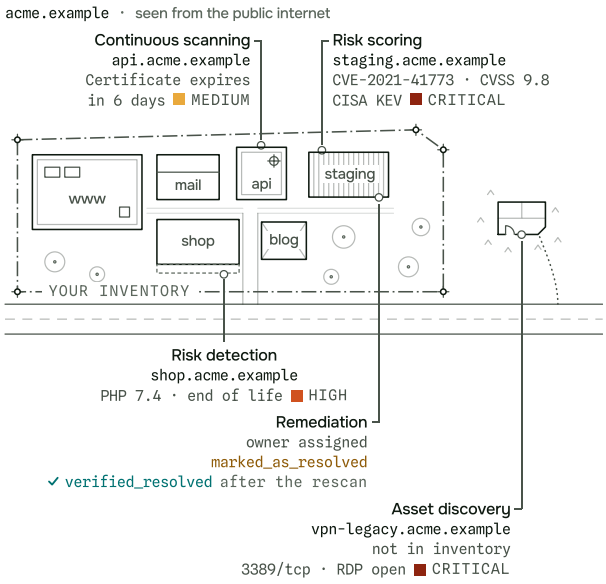


You Can't Secure What You Don't Know You Own.

Organizations have more internet-facing assets than their security teams can name. Attackers go looking for exactly the ones you lost track of.

GROWTH

Subsidiaries and Acquisitions

Group companies register their own domains. Acquisitions arrive with infrastructure nobody has inventoried yet.

SPEED

Campaigns and Projects

Marketing launches from a new subdomain. A staging server built for one release is still answering a year later.

DISTANCE

Partners and Agencies

Infrastructure run on your behalf, under your name, on networks you don't operate.

One Root Domain and What It Leads To.

Discovery starts from a seed domain and follows what the internet ties to it: the subdomains, the IP addresses they resolve to, the certificates that name them and the services behind them.

ROOT DOMAIN	acme.example	IP ADDRESS
www.	443/tcp · TLS 1.3 nginx 1.25	198.51.100.10
mail.	25/tcp · SMTP MX · SPF record	198.51.100.12
api.	Certificate expires in 6 days MEDIUM	198.51.100.40
staging.	Apache httpd 2.4.49 HIGH CVE-2021-41773 CRITICAL KEV	203.0.113.7
shop.	PHP 7.4 · end of life HIGH	198.51.100.77
blog.	Login page · HTTP 200	192.0.2.15
ASSET DISCOVERY	not in inventory · found from the root	
vpn-legacy.	3389/tcp · RDP open CRITICAL	203.0.113.24

Each Part Feeds the Next.

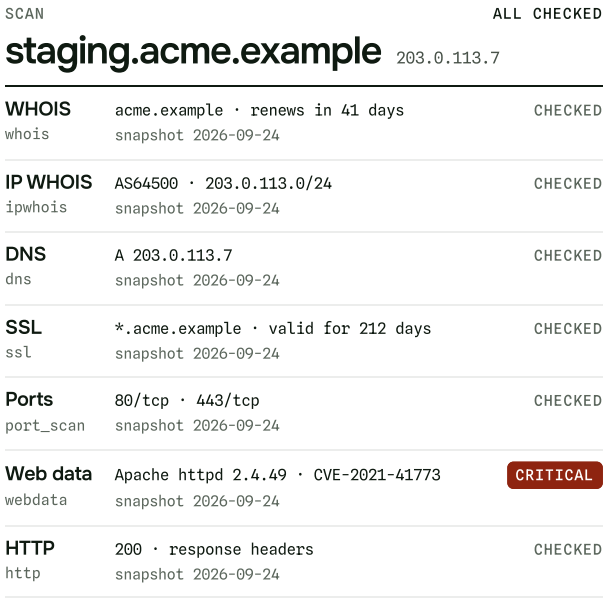
Discovery feeds scanning, scanning feeds detection, detection feeds remediation, and all of it feeds the score.

01	**Asset Discovery**	Find every domain, subdomain and IP tied to your organization, including subsidiary infrastructure, shadow IT and inherited assets.	Discovery →
02	**Continuous Scanning**	Scan monitored assets layer by layer, from WHOIS to HTTP, and keep each layer's history so you can see what changed.	Scanning →
03	**Risk Detection**	Misconfigurations, weak TLS, expiring certificates, exposed services, end-of-life technology and known CVEs in one feed.	Detection →
04	**Remediation**	Each finding carries its evidence and keeps its state on record until a rescan confirms it is gone.	Remediation →

Each Layer Is Scanned and Kept With Its History.

The platform stores each layer separately, with its own history, so you can see what changed and when.

- **WHOIS**: registrar, registration and expiry dates, registrant where published
- **IP WHOIS**: ASN, network owner, country
- **DNS**: A, AAAA, MX, NS, SOA, TXT and other record types
- **SSL**: certificate, issuer, validity, the names it covers
- **Ports**: open TCP and UDP ports and the services behind them
- **Web data**: page content, technologies, login pages, screenshots
- **HTTP**: response headers and status codes



CVEs Ranked by What Attackers Exploit.

CVSS says how bad a vulnerability could be. It does not say whether anyone is exploiting it.

Deepinfo enriches the CVEs found on your assets with EPSS, which estimates the probability of exploitation in the next 30 days, and with CISA's Known Exploited Vulnerabilities catalog, which lists the ones already exploited.

The queue your team works from puts exploited and likely-to-be-exploited issues on exposed assets first, instead of all the "critical" ones in severity order.

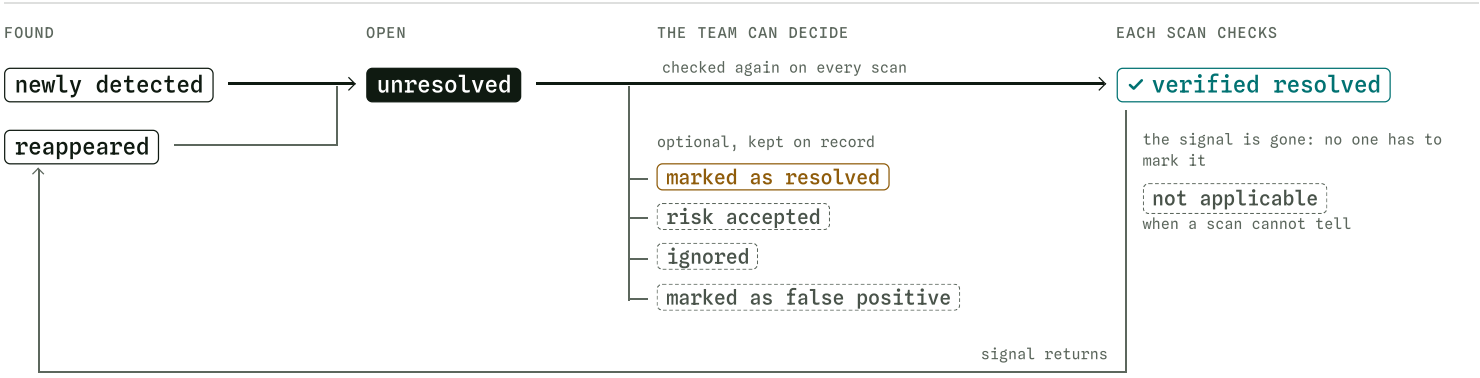
- CVSS base score and vector
- EPSS probability
- CISA KEV listing
- CWE, mapped to OWASP Top 10 2021
- vDeep, Deepinfo's own CVSS scoring layer

	CVE ON ONE OF YOUR ASSETS	CVSS
	FIX FIRST listed in CISA KEV, known to be exploited	
1	CVE-2021-44228 EPSS 0.99999 CISA KEV	10.0 CRITICAL
2	CVE-2021-41773 CISA KEV	9.8 CRITICAL
	THE NORMAL PATCH CYCLE EPSS low, not in CISA KEV	
3	a CVE EPSS low	9.8 CRITICAL
4	a CVE EPSS low	5.3 MEDIUM

CVSS alone cannot tell the two 9.8s apart. CISA KEV and EPSS can.

From First Seen to Verified Gone.

An issue is never simply deleted. Every scan checks it again: when the signal is gone, the scan verifies it resolved on its own, and when a scan cannot tell, it sets not applicable. Your team can accept, ignore or disprove it, and every decision stays on record. If a resolved signal returns, the issue reopens as reappeared.



What Your Team Gets Out of It.

REPORTING

Reports for Executives and Operators

Executive summary, weekly progress, asset detail, vulnerability detail and overview, issue overview and detail. On demand or on a schedule, as PDF.

ALERTING

Notifications on Your Terms

New issues, reappeared issues, score changes, certificate, WHOIS and DNS changes, new assets, new vulnerabilities, new open ports. Instant, hourly, daily, weekly or monthly.

FRAMEWORKS

Compliance in One Filter

Issues are classified against OWASP Top 10 2021, PCI DSS 4.0 and 3.2, HIPAA, CWE, CAPEC and WASC, so “which findings fall under PCI DSS 4.0?” takes one filter to answer.

API

An API for Everything Else

Asset search across all layers, filter-driven bulk actions and per-asset scan history, all scriptable.

EASM API reference →

Query This Data Through the API

The subdomains, DNS records, certificates, ports and technologies this module finds come from Deepinfo’s own index. Your developers can query it through the API. The index holds 400M+ domains, 2B+ subdomains, 200B+ DNS records and 30B+ SSL certificates.

Subdomain Finder API	API →	Port Scan API	API →
DNS Lookup API	API →	Technology Lookup API	API →
SSL Lookup API	API →	All Subdomains Feed	FEED →

See Your Own Exposure, From the Outside.

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