

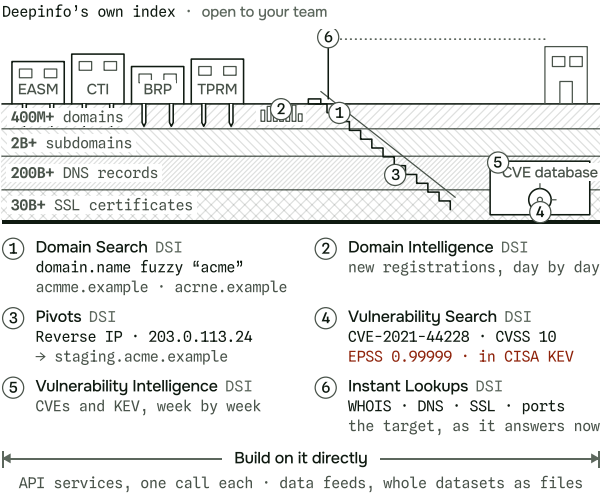
The Index Under Every Module, Open to Your Team.

Deep Search & Insights is Deepinfo's own internet index, opened for direct query. This data also runs External Attack Surface Management, Cyber Threat Intelligence, Brand Risk Protection and Third-Party Risk Management.

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Search domains by what they resolve to, who registered them and what they serve, pivot from one indicator to the domains that share it, or pull a CVE with EPSS and CISA KEV attached.



The Internet Changed Again This Week.

New domains are registered daily, new CVEs are published and the list of known-exploited vulnerabilities grows. A search engine indexes pages, and a monitoring tool sees the assets you added. Questions about everything else need the index itself.

1,030,631	3,173	6	404,196
domains registered	CVEs published	added to CISA KEV	CVEs in the database
Last 7 days · Registration Stats	Last 7 days · CVE Stats	Last 7 days · CISA KEV Stats	All time · Severity By Year Stats

Search, Intelligence and Lookups Over One Index.

The Search capabilities return the records that match a filter, the Intelligence capabilities return counts and trends across the whole index, and Instant Lookups query one target live.

Domain Intelligence	Domains registered in the last day, week, month and year, a daily registration timeline, and the top TLDs and name keywords among new registrations.	Trends →
Domain Search	Filter every domain in the index on its WHOIS, DNS, SSL and web data, or pivot from an IP, a mail server, a name server or a registrant email to the domains that share it.	Search →
Vulnerability Intelligence	CVEs published and modified in the last day, week and month, CISA KEV additions, severity by year, the spread of CVSS scores, the CWE timeline and EPSS history per CVE.	Trends →
Vulnerability Search	Filter the CVE database on severity, weakness, product, EPSS and KEV, or list the vulnerabilities that affect the technologies detected on a URL.	Search →
Instant Lookups	WHOIS, DNS, IP WHOIS, SSL, port scan, technology, screenshot and web data for one target in real time, plus DNS and WHOIS history.	Lookups →

Query the Index Like a Database.

Domain Search filters the whole domain dataset on fields grouped by what they describe: name and extension, subdomain, WHOIS, DNS, IP history, SSL, and web data with HTTP.

Conditions combine with `must`, `should` and `must_not` and operators from `eq` and `wildcard` to `fuzzy`, `gte` and `exists`. Result sets export as JSON or CSV.

The example finds names close to a brand, registered since the start of 2026, that already have mail servers.

```
{
  "filters": {
    "must": [
      {
        "name": "domain.name", "type": "fuzzy", "value": "acme"
      },
      {
        "name": "domain.whois.create_date",
        "type": "gte",
        "value": "2026-01-01T00:00:00Z"
      },
      {
        "name": "dns.mx.mail_servers", "type": "exists", "value": ""
      }
    ],
    "must_not": [
      {
        "name": "domain", "type": "eq", "value": "acme.example"
      }
    ]
  }
}
```

From One Indicator to the Domains That Share It.

Each pivot is a single `GET` under `/v1/discovery/`. Results come back as full domain records, so the next pivot starts from what you just found.

REVERSE IP	Which domains resolve to this IP, or to its /8, /16 or /24 network
REVERSE MX	Which domains use this mail server
REVERSE NS	Which domains use this name server
REVERSE WHOIS EMAIL	Which domains list this registrant email, or any address at its email domain
SAME-TIME REGISTERED	Which domains the same registrant registered within 1 to 60 minutes of this one
ASSOCIATED DOMAINS	Which domains share a registrant email, organization or phone, name servers, IP, mail servers or SSL organization
SUBDOMAIN FINDER	The known subdomains of a domain
ALL TLDs	The name, registered under other TLDs

Each finder also exports its results as JSON or CSV. See the [Discovery reference](#).

One CVE Record Holds the Whole Priority Case.

```

{
  "id": "CVE-2021-44228",
  "published": "2021-12-10T10:15:09Z",
  "cisa_exploit_add": "2021-12-10",
  "cisa_action_due": "2021-12-24",
  "metrics": {
    "cvss_metric_v31": [
      ① { "type": "Primary", "cvss_data": { "version": "3.1", "base_score": 10.0, "..." } }
    ],
    "...": "cvss_metric_v40, cvss_metric_v30, cvss_metric_v2"
  },
  "enrichment": {
    ② "epss_score": { "epss": 0.99999, "percentile": 1.0, "date": "2026-09-21" },
    "cisa_kev": {
      "vendor_project": "Apache",
      "product": "Log4j2",
      ③ "date_added": "2021-12-10",
      "...": "required_action, due_date, known_ransomware_campaign_use"
    },
    ④ "cwe": [
      { "id": 400, "name": "Uncontrolled Resource Consumption", "capec_id": [147, 227] }
    ],
    "cpe": ["..."],
    "vdeep_metric": { "...": "..." }
  }
}

```

① How severe ② How likely to be exploited ③ Known to be exploited ④ What kind of flaw

A CVSS base score describes severity in the abstract. The record DSI returns adds the exploitation evidence: an EPSS probability with its daily history, the CISA KEV entry once a CVE is known to be exploited, and the product ranges it affects.

Vulnerability Search filters on the record's own fields, so "in CISA KEV, EPSS 0.7 or higher, newest first" is two filter conditions and a sort.

- CVSS v2, v3.0, v3.1 and v4.0 metrics
- EPSS score and percentile, with daily history
- CISA KEV entry: date added, due date, required action, known ransomware use
- CWE with CAPEC IDs and the OWASP Top 10 2021 field
- Affected products as CPE ranges
- vDeep, Deepinfo's own CVSS scoring layer

See Your Own Exposure, From the Outside.

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