



Censys Data

Enhance Your Security Intelligence with Unmatched Internet Data

Censys, the industry's leading internet data provider, enhances your security insights and threat intelligence by continuously scanning the IPv4 address space on over 3,500 ports from multiple global perspectives to give you the most up-to-date data to research, monitor, and defend your organization from the latest threats. Censys maintains the largest publicly searchable X.509 certificate repository in the world with over 9.5 billion parsed certificates giving unparalleled visibility into every publicly addressable host on the internet.

Censys Data is an annual subscription that provides you, your team, or your enterprises the most complete and accurate picture of the internet with the highest fidelity data, adaptable for your security workflows to ensure you stay one step ahead of the next threat.

	Pro	Pro+	Enterprise
Monthly Searches/API Lookups	25,000	150,000	300,000
Search Query API rate-limiting	1/s	3/s	5/s
Users	Unlimited	Unlimited	Unlimited
IPv4 Ports	3,552+	3,552+	3,552+
Web Search and API Access	✓	✓	✓
Highly Indexed Search Attributes	✓	✓	✓
Scan Perspectives	5	5	5
Data Refresh Rate for Search UI+API	Daily	Daily	Daily
Host Historical Timeline & Comparison in UI	30 Days of History	1 Year of History	1 Year of History
Lookup API for Historical Data	30 Days of History	1 Year of History	1 Year of History
Lookup API Calls Rate-limiting	10/s	50/s	100/s
Historical Data via Download	×	×	✓ (Week Old)

Key Use Cases

Enhance Your Threat Intelligence:

Improve your threat intelligence operations by expanding your visibility of the internet and enabling your team to take action against known indicators of compromise (IoC). Learn how and when infrastructure was compromised or weaponized by an adversary through our historical data lookup.

Identify Vulnerable Assets Globally:

Identify specific software vulnerabilities on assets connected to the internet, such as SolarWinds or Log4j, to provide a global perspective of potential impact.

Discover Weaknesses in Your Attack Surface:

Find hosts running exposed services on non-standard ports or search for specific protocols to identify weaknesses in your attack surface.

The screenshot displays the Censys Search interface for a specific host. At the top, there's a date filter set to '2021-10-18' and an 'ADD TAG' button. Below the navigation bar, the 'Basic Information' section lists the OS as 'Red Hat Enterprise Linux 7', and provides details for Network, Routing, and Protocols. The '21/FTP' section shows the software as 'PureFTPd Pure-FTPd' and includes a CPE (Common Platform Enumeration) identifier. A 'Details' section for the banner is also visible. On the right, the 'Geographic Location' section indicates the host is in Singapore (SG) with coordinates and the Asia/Singapore timezone. A map of Southeast Asia is shown in the background, with a red pin indicating the location.

Censys Data Capabilities:

Structured Data and Advanced Search:

Censys provides structured data with detailed information and certificates associated with hosts. Data can be queried via UI and API by all users, while Enterprise customers can leverage Google BigQuery or download the dataset in Avro format.

More Internet Hosts and Services:

Censys provides accurate, up-to-date records about internet-facing hosts, such as general information that applies to the host as a whole as well as information about the services running on the host. Daily snapshots of every service on the internet are taken and added as a partition to a dataset available to Censys enterprise customers.

Multi-Perspective Scanning:

Censys provides you with visibility of 99% of active IPv4 hosts and services on the internet by scanning from five tier 1 Internet Service Providers.

Historical Host Data:

Leverage host historical information during threat intelligence investigations and piece together infrastructure weaponized by the adversary over time while identifying patterns and timelines of attacks.

Fast Lookup API:

Utilize Censys data programmatically via the Censys API to look up detailed information about current or historical assets with even faster response times.

ABOUT CENSYS

For security pros who protect the organization, Censys is the best at finding exposures attackers will exploit. Our industry-leading Internet scanning platform and >9.1B certificate database (the world's largest) enable us to provide 63% more service coverage than our nearest competitors. Founded by the creators of ZMap, at Censys we've made it our mission to make the Internet a more secure place for everyone.



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