

Basic IPv4 result

Explore view - Domains

History view - Crawler detail

WHOIS view - Detail

Text searching

IPv4 TLS Info

Explore view - Certificate detail

Explore view - Certificate pivot

Text searching - Wildcards

Use a '*' to represent zero or more characters.

Example:

ip: [50.45.128.0 to 50.47.255.255] and services.tls: *

This will return any host in the stated IP range which has completed a TLS handshake.

Note:

The '?' is used to represent a single character.

Notes / Caveats

Free account sign-up is required to utilize the basic search engine;

Host & Certificate search is supported under this configuration.

Regex support in search queries is a paid feature, email sales@censys.io for pricing information.

API support is available, access & manage keys here:

<https://search.censys.io/account/api>

WHOIS view - Further detail...

Text searching - Wider scope

Broad searches are possible, as per the following examples:

autonomous_system.description: "University"

services.software.product: "Raspberry Pi"

not services.service_name: HTTPS

Text searching - Auto-complete

Text searching - Data field list

As you type in the main search box, the Censys will show immediate possible command completions.

Text searching - Data field list

The full list of available fields is located here:

<https://search.censys.io/search/definitions?resource=hosts>

NOTE: This is an EXTENSIVE list.

The other modality of search querying, text entry, is bound by a dotted-keyword format, modifiable by boolean operators, some examples follow:

"location.country_code: US and protocols: ("23/telnet" or "80/http")"

This will identify any internet-facing US host exposing TELNET or HTTP.

"location.city: Chicago and tags: ("scada")

This will identify any internet-facing host in Chicago with a banner tag of 'scada'.

Explore view - Certificate extensions

Public Key

Key Type

2048-bit RSA, e = 65537

view details

Modulus

03:84:cc:14:8a:b5:ca:c4:09:ca:0e:b9:ae:25:98:ff:ad:e3:68:c7:

SPKI SHA-256

033016b4441c2ce8702e8a59e45454bd5b52af8fc77b7f0309dd59ed6913

Signature

Algorithm

SHA1-RSA (1.2.840.113549.1.1.8)

Signature

a8:b5:41:b9:e0:df:10:b7:48:c7:29:02:03:36:67:27:7a:0f:75:25:

Extensions

Auth Key ID

58ea7389db29fb108f9ee58128d4dc79994883f7 [parents] [siblings]

Subject Key ID

e14ac838d2eccbe12fa26b7cd59fb4e5324b8f05 [children]

Key Usage

Digital Signature, Key Encipherment

Ext. Key Usage

Client Auth, Server Auth

CRL Paths

http://crlb.digicert.com/ca3-g24.crl

http://crl4.digicert.com/ca3-g24.crl

Policies

Digicert OV (2.16.840.1.114412.1.1)

Constraints

is CA: False

Authority Info Access

OCSP

http://ocsp.digicert.com

Issuer

http://cacerts.digicert.com/DigicertHighAssuranceCA-3.crl

SANs

lynxdiscover.bbc.com

mainline.bbc.com

met.bbc.com

ri.bbc.com

ri.bbc.com

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