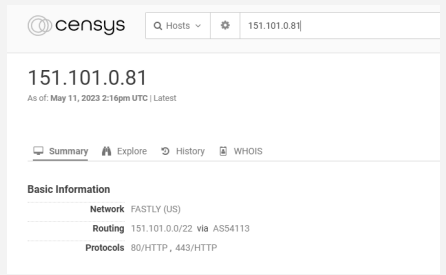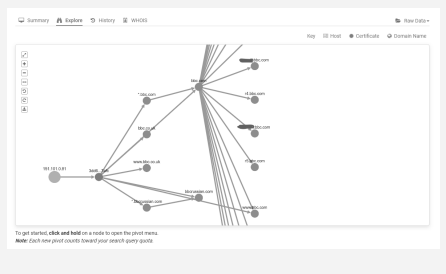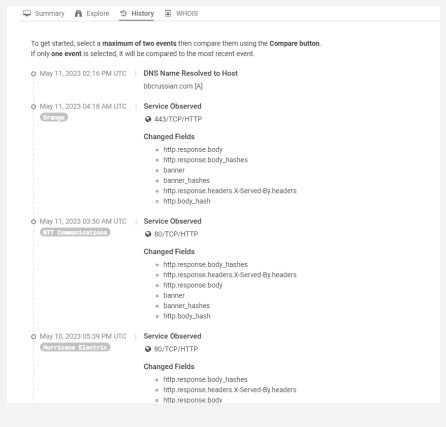## Basic IPv4 result
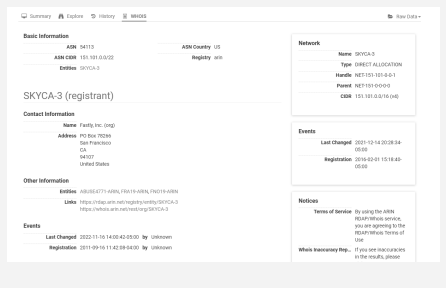


## Explore view - Domains



## History view - Crawler detail
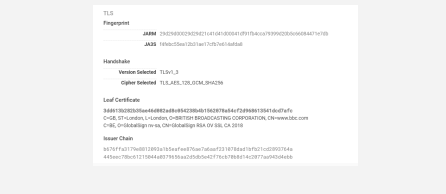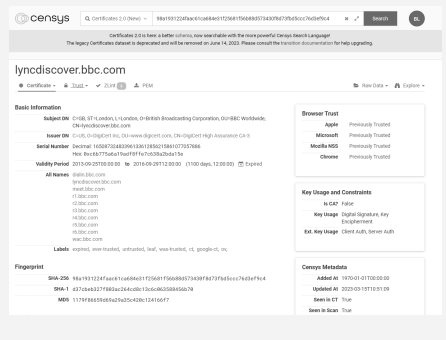


## WHOIS view - Detail



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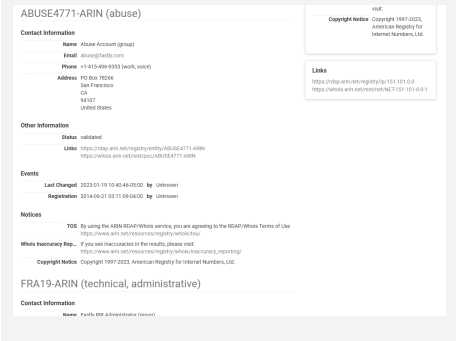
ip: [50.45.128.0 to 50.47.255.255] and services.tls: *

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

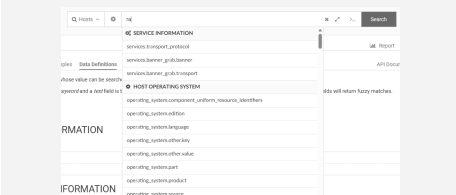## WHOIS view - Further detail...



## 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



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 = 65,537 ✓ STRONG |
| Modulus | b3:84:cc:14:8a:b5:ca:c4:09:ca:0e:b9:ae:25:98:ff:ad:e3:68:c7: ⌄ |
| SPKI SHA-256 | 0335816b44441c2ce07b2e8a59e43454bd5b52af0fc77b77f03b9dd259ed6913 |

**Signature**

| | |
|---|---|
| Algorithm | SHA1-RSA (1.2.840.113549.1.1.5) |
| Signature | a0:05:41:ba:e0:df:10:b7:48:c7:29:02:63:3d:67:27:7a:0f:75:25: ⌄ |

**Extensions**

| | |
|---|---|
| Auth Key ID | 50ea7389db29fb108f9ee50120d4de79994883f7 [ parents ] [ siblings ] |
| Subject Key ID | e14ac838d2eccbe12fa26b7cd59fb4e5324b0f05 [ children ] |
| Key Usage | Digital Signature, Key Encipherment |
| Ext. Key Usage | Client Auth, Server Auth |
| CRL Paths | http://crl3.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 |
| AIA Paths | OCSP: http://ocsp.digicert.com |
| | Issuer: http://cacerts.digicert.com/DigiCertHighAssuranceCA-3.crt |
| SANs | lyncdiscover.bbc.com |
| | dialin.bbc.com |
| | meet.bbc.com |
| | r1.bbc.com |
| | r2.bbc.com |
| | r3.bbc.com |
| | r4.bbc.com |
| | r5.bbc.com |
| | r6.bbc.com |
| | wac.bbc.com |