# Cheatography

# Censys IoT / ICS Search Cheat Sheet by lindner.brett via cheatography.com/184939/cs/38657/

Basic IPv4 result
Censys Q Hosts > 4 151.101.0.81
151.101.0.81 As of: May 11, 2023 2:16pm UTC   Latest
Summary A Explore History A WHOIS Basic Information Network FASTLY (US) Routing 151.101.0.0/22 via AS54113 Protocols 80/HTTP, 443/HTTP
Explore view - Domains
History view - Crawler detail
In terms (I) (I) terms (I) (IIII) (I) (IIII) (IIII) (IIII) (IIIII) (IIIII) (IIIII) (IIIIII) (IIIIII) (IIIIIII) (IIIIIIII

#### WHOIS view - Detai

Summary A Explore	a musi			to Rev
Basic Information			Network	
ASN 54	113	ASN Country US		ROTAS.
ASN CIDR 15	1.101.0.0/22	Registry aris		DIRECT ALLOCATION
Entition SA	YGA-3			DIRECTALLOCATION
00001.0/				NET-151-0000
SKYCA-3 (regi	strant)		CIDR	151.101.0.0/16 (H)
Contact Information				
	ntly, Inc. (org)		Departy	
Address PO	Box 76280		L. C.	2021-12-14 20:28:34
CA				05:00
94 Un	107 Red States			2015-02-01 15:18:40-
Other Information				
Entities A9	USE4771-ARIN, FRA19-ARIN, FNO19-ARI	N		
	ps://idap.arin.net/registry/entity/SK/CA	3	Notices	
Faunts	ps://whola.arin.net/vest/org/SK/ICA-3			By using the ARIN RDAP/Whois service, you are agreeing to the
				RDAP/Whois Terms of
	22-11-16 14:00:42-05:00 by Unknown			Use

Text searching

	ns	
	Fingerprint	
	JAMM 20025000020029021041041000041091104008799990	2005056684471e7@
	JA25 16febc55ea12b31ae17cfb7e614afdab	
	Handshake	
	Venice Selected TLSv1.3	
	Gigher Selected TLS.AES.128.00M.SHA259	
	Leaf Certificate	
	34441302820356e446882a48e954238b401862878a54c724958013541dod Cr458_57*London_L+London_O+B8TEX158 EXDL02471963 C06970481104_CH+ms Cr465_Cr46b4088g1nv+s6_Cr46ba888g188A.KV/358_CA_2310	fefe webbe.com
	Issuer Chain	
	b576ffa3179e0012892a1b5eafee376se7s6aaf231878dad1bfb21cd2893	
	445eec78bc61215844e8079555aa2d5db5e42f78cb78b8d14c2877aa943d	letb
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# 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 / Caveat

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

Q, Hosts ~	0	caj.	at 🖉 🛼 Search
		6) SERVICE INFORMATION	1
		services.transport_protocol	Lat. Report
ples Data Defei	Sans	services.barner_grab.barner	API Docu
dase value can be		services.banner_grab.transport	
vhose value can be search proceed and a cost field to t		HOST OPERATING SYSTEM	ids vill ntam fuzzy matches.
		operating_system.component_uniform_resource_identifiers	
		operating_system.edition	
RMATION	operating_system.language		
		operating_system.after.key	
		operating_system.other.value	
		operating_system.part	
	operating_system.product		
<b>IFORMATION</b>		consider solers cours	

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	8335816b44441c2ce87b2e8a59e43454bd5b52af8fc77b77f83b9dd259ed6913
Signature	
Algorithm	SHA1-RSA (1.2.840.113549.1.1.5)
Signature	a8:85:41:ba:e0:df:10:b7:48:c7:29:02:63:3d:67:27:7a:8f:75:25:
Extensions	
Auth Key ID	58ea7389db29fb188f9ee58128d4de79994883f7 [parents] [siblings]
Subject Key ID	e14ac838d2eccbe12fa26b7cd59fb4e5324b8f05[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	Q lyncdiscover.bbc.com
	Q dialin.bbc.com
	meet.bbc.com
	♀ r1.bbc.com
	r2.bbc.com     G r3.bbc.com
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## By lindner.brett

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## Not published yet.

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