

Appendix B: List of Search Filters

General Filters

Name	Description	Type
after	Only show results after the given date (dd/mm/yyyy)	string
asn	Autonomous system number	string
before	Only show results before the given date (dd/mm/yyyy)	string
category	Available categories: ics, malware	string
city	Name of the city	string
country	2-letter country code	string
geo	Accepts between 2 and 4 parameters. If 2 parameters: latitude,longitude. If 3 parameters: latitude,longitude,range. If 4 parameters: top left latitude, top left longitude, bottom right latitude, bottom right longitude.	string
hash	Hash of the data property	integer
has_ipv6	True/ False	boolean
has_screenshot	True/ False	boolean
hostname	Full hostname for the device	string
ip	Alias for net filter	string
isp	ISP managing the netblock	string
net	Network range in CIDR notation (ex. 199.4.1.0/24)	string
org	Organization assigned the netblock	string
os	Operating system	string
port	Port number for the service	integer
postal	Postal code (US-only)	string
product	Name of the software/ product providing the banner	string
region	Name of the region/ state	string
state	Alias for region	string
version	Version for the product	string
vuln	CVE ID for a vulnerability	string

HTTP Filters

Name	Description	Type
http.component	Name of web technology used on the website	string
http.component_category	Category of web components used on the website	string
http.html	HTML of web banners	string
http.html_hash	Hash of the website HTML	integer
http.status	Response status code	integer
http.title	Title for the web banner's website	string

NTP Filters

Name	Description	Type
ntp.ip	IP addresses returned by monlist	string
ntp.ip_count	Number of IPs returned by initial monlist	integer
ntp.more	True/ False; whether there are more IP addresses to be gathered from monlist	boolean
ntp.port	Port used by IP addresses in monlist	integer

SSL Filters

Name	Description	Type
has_ssl	True/ False	boolean
ssl	Search all SSL data	string
ssl.alpn	Application layer protocols such as HTTP/2 ("h2")	string
ssl.chain_count	Number of certificates in the chain	integer
ssl.version	Possible values: SSLv2, SSLv3, TLSv1, TLSv1.1, TLSv1.2	string
ssl.cert.alg	Certificate algorithm	string
ssl.cert.expired	True/ False	boolean
ssl.cert.extension	Names of extensions in the certificate	string
ssl.cert.serial	Serial number as an integer or hexadecimal string	integer/ string
ssl.cert.pubkey.bits	Number of bits in the public key	integer
ssl.cert.pubkey.type	Public key type	string
ssl.cipher.version	SSL version of the preferred cipher	string
ssl.cipher.bits	Number of bits in the preferred cipher	integer
ssl.cipher.name	Name of the preferred cipher	string

Telnet Filters

Name	Description	Type
telnet.option	Search all the options	string
telnet.do	The server requests the client do support these options	string
telnet.dont	The server requests the client to not support these options	string
telnet.will	The server supports these options	string
telnet.wont	The server doesn't support these options	string